


Economic Policy

〈経済政策〉

Financial System

Objective	Standard Category	Leaders Training Programs	Trainers Training Programs	Solution Creation Programs		International Dialogue Programs					
Establishment, stabilization, and strengthening of financial system	Comprehensive financial system design			RFC) Necessary Policy Measures and Reform Strategies for Financial System Stability in NIS Countries 0784243 TG: administrative official	GTC) Seminar on Economic Development Policies -Strategy for Sustainable Growth- 0780040 0780943 TG: administrative official						
	Establishment, stabilization, and strengthening of financial institutions			Financial intermediaries	Establishment of primitive financial system			GTC) Seminar on Financial System 0780853 TG: administrative official			
					Establishment of regulation on financial institutions (Strengthening of prudence policy)		Establishment of payment and settlement system			Establishment of financial discipline and soundness for financial system stability	
					Restructuring of financial sector		Establishment of government financial institutions			Strengthening of organizational capacity of financial intermediaries	
					Other financial institutions (Securities company, life/nonlife insurance company, leasing company, pension fund, venture capital etc.)		RFC) Non-life Insurance System Development for Indochina Countries 0784181 TG: administrative official			GTC) Seminar on Financial System 0780853 TG: administrative official	
					Development of financial market					RFC) Bond Market Development in ASEAN Countries 0784242 TG: administrative official	RFC) Stock Exchange Seminar for Asian Countries 0784109 TG: administrative official
					Establishment of finance-related infrastructure						
Implementation of appropriate macro financial policy	Capacity building of central bank for formulating financial policy										

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>(Outcome) Formulate an Action Plan suitable for their country's public finance policy, and organization activities based on the Action Plan are practiced.</p> <p>(Outputs) To reach the above Outcome, participants are required: 1. To understand the Japanese fiscal administration, outline of financial policy and point out problems in comparison with their own country. 2. To understand the importance of a financial policy on promoting market economization and economic development and be able to extract a policy that can be implemented in their countries.</p>	<p>(Target Organizations) Government agencies charged with financial policy.</p> <p>(Target Group) 1. Individuals engaged in drafting financial policy. 2. Individuals with over 5 years practical experience.</p>	
CONTENTS	PROGRAM PERIOD	Feb.17.2008 ~ Mar.8.2008
<p>Preparatory phase: Prepare a Country Report describing the present circumstances of each of the countries/organizations and problems.</p> <p>Program in Japan: 1. Lecture 1) Finance and Economic Development 2) Finance and Public Policy (healthcare, education, pension) 3) Connection between Fiscal and Monetary areas 4) Characteristics of Japanese Financial Policy 5) History of the Japanese taxation system 6) Tax Administration in Japan 7) Relationship between Central and Local Governments 8) Management of Expenditures 9) Management of External Debt 10) Expansion of the Taxation Base</p> <p>2. Observation The customs (Not Fixed)</p> <p>3. Discussion Country Report Presentation, Action Plan Presentation, etc.</p> <p>Post program phase: Submit a Final Report Program in Vietnam (Not Fixed)</p>	IMPLEMENTING PARTNER	Under planning
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	


Group Training Course on Competition Policy and Law 競争法・政策研修		 0780896
		Economic Policy—Transition to Market Economy 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Through the program, participants are expected to:</p> <ol style="list-style-type: none"> 1. Gain an understanding of Japan's competition policy and law so as to bring about a strengthening of competition law, promotion of draft work, and enhanced technical capacities for the investigation of violations in their countries, 2. Realize the importance of competition policy and acquire knowledge for the purposes of competition advocacy in their countries 3. Reaffirm points of issue concerning competition law and policy in their countries by deepening insight into the competition laws and policies of Japan and elsewhere. 	<ol style="list-style-type: none"> 1. Government officials in charge of operations at competition authorities in countries, 2. Government officials in charge of drafting comprehensive competition acts, or competition advocacy in countries without comprehensive competition acts 3. Other government officials involved in competition policy 	
CONTENTS	PROGRAM PERIOD	Aug.21.2007 ~ Sep.21.2007
<p>Outline of the Antimonopoly Act</p> <p>Lectures</p> <ul style="list-style-type: none"> ・ Competition and industrial policy in Japan ・ Consumer administration in Japan ・ Cartels and bid-riggings ・ Private monopolization ・ Merger regulation ・ Organization and Powers of the Japan Fair Trade Commission ・ Investigation methods against violations of the Antimonopoly Act <p>Discussion with legal department staff of private enterprises Country Report Presentation Final report presentation by the participants and discussion</p>	IMPLEMENTING PARTNER	FAIR TRADE COMMISSION
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	

Seminar on Economic Development Policies -Strategy for Sustainable Growth- 経済政策セミナー		0780943 Economic Policy—Transition to Market Economy 10 participants / English									
OBJECTIVE	TARGET ORGANIZATIONS / GROUP										
<p>The problems to be solved for sustainable growth shall be clarified and identified to establish an economic development strategy.</p> <p>Participants are expected to:</p> <ol style="list-style-type: none"> 1. Deepen their understanding of Japan's economic development policies and current situation, 2. Deepen their understanding of development strategy under the global economic integration, 3. Establish efficient utilization of limited capital resources, 4. Deepen their understanding of the role of international financial structure and international financial organizations, 5. Deepen their understanding of economic assistance and foreign direct investment 	<p>Central government officials who are in charge of economic development policy planning / implementation.</p>										
CONTENTS	<table border="1"> <tr> <td>PROGRAM PERIOD</td> <td>see remarks</td> </tr> <tr> <td>IMPLEMENTING PARTNER</td> <td>Economic and Social Research Institute, CAO</td> </tr> <tr> <td>JICA CENTER</td> <td>Tokyo International Center</td> </tr> <tr> <td>COOPERATION PERIOD</td> <td>2005~2009</td> </tr> <tr> <td>REMARKS</td> <td> <ol style="list-style-type: none"> 1. To be implemented 2 times (10 participants each) Group 1: 2007/7/1 - 2007/8/4 Group 2: 2007/8/19 - 2007/9/22 2. After completion of the program in Japan, participants are requested to report the application of the policy proposal at home countries. </td> </tr> </table>	PROGRAM PERIOD	see remarks	IMPLEMENTING PARTNER	Economic and Social Research Institute, CAO	JICA CENTER	Tokyo International Center	COOPERATION PERIOD	2005~2009	REMARKS	<ol style="list-style-type: none"> 1. To be implemented 2 times (10 participants each) Group 1: 2007/7/1 - 2007/8/4 Group 2: 2007/8/19 - 2007/9/22 2. After completion of the program in Japan, participants are requested to report the application of the policy proposal at home countries.
PROGRAM PERIOD	see remarks										
IMPLEMENTING PARTNER	Economic and Social Research Institute, CAO										
JICA CENTER	Tokyo International Center										
COOPERATION PERIOD	2005~2009										
REMARKS	<ol style="list-style-type: none"> 1. To be implemented 2 times (10 participants each) Group 1: 2007/7/1 - 2007/8/4 Group 2: 2007/8/19 - 2007/9/22 2. After completion of the program in Japan, participants are requested to report the application of the policy proposal at home countries. 										
<p>The following major subjects will be covered in the seminar:</p> <ol style="list-style-type: none"> 1. Position paper presentation and discussion together with area study, 2. Lecture-cum-discussion <ol style="list-style-type: none"> (a) Japanese and global economic development and current situations, (b) Global integration and development strategies, (c) The utilization of financial resources and establishment of a financial system, 3. Field trip and study visits 4. Workshop on economic development issues, together with Japanese and non Japanese specialists, 5. Policy proposal making for respective countries consulted by tutors. 											

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Participants are expected to draft promotional measures for their submission to higher authorities in their countries (or alternatively generate action plans whose target is to produce promotional measures, if not authorized to draft any measures while in Japan) through intensive exposure to:</p> <ol style="list-style-type: none"> 1. A historical perspective of SME promotion policies and measures practically formulated and implemented to date by Japan, with some emphasis on the field of financing support/management & technology support/business start-ups. 2. A comparative study of SME policies and measures, formulated and implemented in a few countries at different developmental stages, and 3. How the organs responsible for implementing SME promotional measures have contributed to SME development in Japan. 	<ol style="list-style-type: none"> (1) Officials working at organizations whose activities are targeted at promoting SMEs and micro-enterprises, preferably in the manufacturing sector, (2) Individuals with at least two years professional experience in the relevant field, (3) University graduates or with equivalent qualifications, (4) Individuals with a sufficient command of written and spoken English (a TOEFL score of more than 550 points, IELTS grade 6 "Competent User" or higher, Cambridge ESOL certificate FCE or equivalent standard is necessary), (5) Individuals not more than forty-five (45) years of age, (6) Individuals nominated by their government, in accordance with the procedure as stipulated in section IV, (7) Individuals in good health, both physically and mentally, to undergo the training, and 	
CONTENTS	PROGRAM PERIOD	May.29.2007 ~ Jun.28.2007
<ol style="list-style-type: none"> 1. Presentation of a Situation Report describing the legal framework of SMEs, relations between the prevailing economic situation and SMEs, problems identified in SMEs and then depicted in a cause-effect diagram (with additional description of their logical linkages wherever and whenever found to be necessary.), and SMEs promotional measures currently implemented or at the planning stage. 2. Discussion on SMEs with a comparative study of policies and measures while observing SMEs in different industries 3. Generation of SME promotional measures (draft) or action plans for their presentation and discussion 4. Prestudy about Japanese about the general picture of Japan's SME policies and their practical exercises. 	IMPLEMENTING PARTNER	PACIFIC RESOURCE EXCHANGE CENTER
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Implementation of listing system, market administration and trading system will be promoted.</p> <p>To achieve the above objective, participants are expected to:</p> <ol style="list-style-type: none"> 1. Gain knowledge regarding the roles of securities markets in the Japanese economy, and the roles and functions of stock exchanges in the Japanese securities market, the Tokyo Stock Exchange (TSE), in particular. 2. Clarify the main problems and issues to be solved in the operations of securities markets and the stock exchanges of each country, and 3. Prepare an action plan for future policy measures to solve the problems identified throughout the course. 	<ol style="list-style-type: none"> 1) Staff members of stock exchanges (if a stock exchange has not been established in the country, staff of the competent regulatory authority of securities markets are qualified to join the seminar) with occupational experience of more than 3 years. 2) Age: 25-50 years old 	
CONTENTS	PROGRAM PERIOD	
<p>Preparatory phase: Participants are requested to submit a country report.</p>	<p>IMPLEMENTING PARTNER</p>	<p>May.27.2007 ~ Jun.14.2007 Tokyo Stock Exchange, Inc.</p>
<p>Program in Japan:</p>	<p>JICA CENTER</p>	<p>Tokyo International Center</p>
<ol style="list-style-type: none"> 1. Lectures 	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
<ol style="list-style-type: none"> 1) The Japanese Economy and Roles of the Securities Market 2) Company Law and Securities Market 3) The Securities and Exchange Law and Administration of the Securities Market 4) Listing System 5) Trading System 6) Market Information 7) Market Surveillance and Compliance System 8) Participants Registration & Inspection 9) Clearing and Settlement System 10) Education for Individual Investors 2. Observation 1) Japan Securities Dealers Association, and securities firms 2) Osaka Securities Exchange, etc. 3. Formulation of action plan 	<p>REMARKS</p>	
<p>Post-program activities: Participants are required to:</p> <ol style="list-style-type: none"> 1. Hold a seminar after return home to share the action plan 2. Submit a final report to JICA 		

Bond Market Development in ASEAN Countries アセアン地域債券市場整備		0784242									
Target Countries : Indonesia, Philippines, Thailand, Malaysia, Cambodia, Laos		Economic Policy—Financial System 14 participants / English									
OBJECTIVE	TARGET ORGANIZATIONS / GROUP										
<p>Through this course, participants are expected to understand the significance of bond market development in the financial sector as a whole, and to clarify the remaining challenges to overcome in future. This course also covers the topics of investors and market players development as a critical issue for bond market development in each country. At the end of the course, participants are expected to produce policy proposals for bond market development in each country.</p> <p>The expected outputs of the course are:</p> <p>Output 1 : To understand why the bond market matters and how it relates to the financial market development as a whole.</p> <p>Output 2: To review the achievements and progress in the Asian bond market development under Asia Bond Market Initiatives (ABMI) and Executives' Meeting of East Asia-Pacific Central Banks (EMEAP) and other initiatives.</p> <p>Output 3: To consider possible tools for further bond market development in each country, based on the lessons learnt from the experience of other countries.</p> <p>Output 4: To consider possible policy measures to foster investors and market players, based on the lessons learnt from the experience of other countries.</p> <p>Output 5: To summarize the remaining challenges in bond market development in each country, and produce policy proposals for bond market development in each country.</p>	<p>【Target Organizations】 Central banks, Ministry of Finance</p> <p>【Target Group】 - Officials of the Ministry of Finance or Central Banks who are in charge of policy making on bond market development - At least 5 years experience in relevant fields - Sufficient command of English to attend the course and produce policy proposals</p>										
CONTENTS	<table border="1"> <tr> <td>PROGRAM PERIOD</td> <td>Nov.4.2007~Nov.17.2007(tentative)</td> </tr> <tr> <td>IMPLEMENTING PARTNER</td> <td>Asia Development Bank</td> </tr> <tr> <td>JICA CENTER</td> <td>Tokyo International Center</td> </tr> <tr> <td>COOPERATION PERIOD</td> <td>2007~2009</td> </tr> <tr> <td>REMARKS</td> <td> <ul style="list-style-type: none"> • Expected number of participants per country : 2 • This course is co-hosted by JICA and ADB. </td> </tr> </table>	PROGRAM PERIOD	Nov.4.2007~Nov.17.2007(tentative)	IMPLEMENTING PARTNER	Asia Development Bank	JICA CENTER	Tokyo International Center	COOPERATION PERIOD	2007~2009	REMARKS	<ul style="list-style-type: none"> • Expected number of participants per country : 2 • This course is co-hosted by JICA and ADB.
PROGRAM PERIOD	Nov.4.2007~Nov.17.2007(tentative)										
IMPLEMENTING PARTNER	Asia Development Bank										
JICA CENTER	Tokyo International Center										
COOPERATION PERIOD	2007~2009										
REMARKS	<ul style="list-style-type: none"> • Expected number of participants per country : 2 • This course is co-hosted by JICA and ADB. 										
<p>Output 1: 1) An overview of the recent development of bond markets in ASEAN countries 2) Advantages and disadvantages of the bond market for both investors and issuers 3) Advantages and disadvantages of the bond market vis- -vis the equities market 4) The Japanese financial system and capital market development 5) Preconditions for bond market development in ASEAN countries</p> <p>Output 2: 1) Review of focal points and achievements by ABMI 2) Review of focal points and achievements by EMEAP 3) Review of other initiatives</p> <p>Output 3: 1) Role of securitized debt instruments (with the case of Thailand) 2) Role of municipal bonds issuance (with the case of Vietnam) 3) Role of corporate bonds issuance by foreign companies 4) Role of bond markets with government guarantee 5) Principles of sequencing of reforms and necessary policy measures</p> <p>Output 4: 1) Overview of recent situation of investors base and clarification of potential investors 2) Bottlenecks in fostering market players 3) Policy measures to foster institutional investors 4) Functions of trading facilities, depositories and clearing houses, and other necessary market infrastructure</p> <p>Output 5: 1) Summarize the challenges to be overcome in future based on priority 2) Draw up a policy proposal and make a presentation</p>											

Necessary Policy Measures and Reform Strategies for Financial System Stability in NIS Countries N I S 地域金融システム安定化政策と改革戦略 Target Countries : Central Asia and Caucasus		 0784243 Economic Policy—Financial System 8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Participants are expected 1. To understand the current problems of the financial system in each country 2. To understand the necessary policy measures for resolving non-performing loans by reviewing Japanese and other countries' experiences 3. To clarify major issues in the banking sector reform for each country in line with market principles 4. To clarify the necessary policy measures to recover public confidence in the banking sector and promote saving 5. To produce policy proposals for financial system stability in each country.	【Target Organizations】 Central banks, Ministry of Finance 【Target Group】 - Officials of the Ministry of Finance or central banks in charge of financial supervision and financial safety net - At least 5 years experience in relevant fields - Sufficient command of English to attend the course and produce policy proposals	
CONTENTS	PROGRAM PERIOD	Nov.2007 or later(under planning)
1. - Position paper presentation - Key issues in banking sector development in transitional countries - The Japanese financial system and financial policies - post-war and recent reform - 2. - Financial supervisory policies in Japan - Financial safety-net policies in Japan - Methods and practice of non-performing loan resolution (case of Japan) - Lender of last resort (case of the Bank of Japan) 3. - Privatization of governmental financial institutions - Financial supervisory policies for foreign banks - Current reform of government-affiliated financial institutions in Japan 4. - Financial deepening and financial policies 5. - Policy proposals presentation and discussion	IMPLEMENTING PARTNER	
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2007～2009
	REMARKS	The course is now under planning, and minor changes will be made in the contents.

Seminar on Financial System 金融制度強化セミナー		0780853
Target Countries : ASEAN countries		Economic Policy—Financial System 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This seminar aims to provide an opportunity for financial regulators to learn from the Japanese experience and clarify the major challenges in terms of financial system stability in each country. Based on the knowledge acquired in Japan, participants are expected to enhance policies in the light of further financial system development and stability.</p> <p>1. Understand the administrative policies necessary to sustain financial system stability 2. Identify policy tasks in order to enhance the efficiency and resilience of their financial systems, in view of Japan's experience of 2002 financial reform and Asian's experience 3. Based on the lectures and discussions provided, clarify the challenges in terms of financial system stability in each country, and summarize them as the final report</p>	<p>Personnel of the Central Bank and Ministry of Finance in charge of policy formulations of financial supervision, regulations, financial safety-net, and restructuring of the banks.</p> <p>Individuals with no less than 8 years experience in the relevant field.</p> <p>Individuals with sufficient command of English to attend the seminar and produce the report.</p>	
CONTENTS	PROGRAM PERIOD	Jan.14.2008 ~Jan.31. 2008
<p><Preliminary Program in home country> Participants are requested to submit an inception report with the application form.</p> <p><Program in Japan> Module 1: Financial System and Financial Administration in Japan 1) Historical review of the Japanese financial system and financial policies 2) Review of the financial system and challenges in ASEAN countries 3) The role of the government in financial administration and supervision 4) The role of the Bank of Japan in financial stability 5) The role of the Deposit Insurance Corporation of Japan 6) The role of the Resolution and Collection Corporation</p> <p>Module 2: Financial Supervisory Administration and Supervisory Function 1) Revisiting the Asia Financial Crisis - What remains untouched 2) Lessons of the Japanese Financial Bubble - Limitation of prudential regulation 3) Recent policy measures and associated challenges for the stabilization of the financial sector in Japan 4) Financial safety net and moral hazards 5) Practices of bank restructuring 6) Policy measures and associated challenges for the stabilization of the financial sector in ASEAN countries</p> <p>Module 3: Main Issues of Financial Administration in Participating Countries 1) Discussion session concerning the applicability of the Japanese experience 2) The final report presentation and discussion</p> <p><Program in the home country> Participants are requested to hold a seminar to share the final report within their organizations, and send the results of the discussion to JICA within one month.</p>	IMPLEMENTING PARTNER	Financial Services Agency, Bank of Japan, Deposit Insurance Corporation of Japan etc.
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	<p>Note: The seminar is under planning, and the contents may be subject to minor changes.</p>

International Taxation for Asia アジア地域国際課税		0784203 Economic Policy—Public Finance (revenue)	
Target Countries : Asia		15 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>To develop officials who are well versed in the fair administration of international taxation rules in participating countries.</p> <p>To achieve the objective, participants are expected:</p> <p>(1) To understand the basic international taxation rules and systems. (2) To understand the conditions required for the proper execution of international taxation, and business capability. (3) To consider issues prioritized in their own countries and formulate action plans.</p>	<p>【Target Organizations】 Tax authorities</p> <p>【Target Group】 1. Tax officials in charge of international taxation in the national tax authorities, in principle. 2. Age: under 40 years old, in principle. 3. Language: individuals proficient in English to actively discuss and write a thesis/report on the course subject. (TOEFL scores of 550 or higher are desirable) 4. Individuals able to submit and present job reports and auditing case reports.</p>		
CONTENTS	PROGRAM PERIOD	2007/6/4-2007/6/23	
<p>[Preparatory phase] Prepare following two reports:</p> <p>1. Job Report: describing the present situation of international taxation in each country 2. Auditing Case Report: illustrating and briefing a practical tax auditing case with regard to international taxation in each country</p> <p>[Program in Japan] 1. Lectures: Outline of international taxation, tax treaty, transfer pricing, etc. 2. Observation: National tax agency, tax office 3. Presentation: Job Report, Tax auditing case in each country</p>	IMPLEMENTING PARTNER	National Tax Agency National Tax College	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

Private Sector Development

〈民間セクター開発〉

Private Sector Development: Small and Medium Enterprises Promotion

Objective	Standard Category	Leaders Training Programs	Trainers Training Programs	Solution Creation Programs	International Dialogue Programs
Development and Operation of a Conducive Business Environment for the Growth of SMEs	Elimination of System Constraints and Regulations				
	Planning and Implementation of SME Promotion Policies	RFC) Seminar on Development and Promotion of SMEs in South-Eastern Europe 0784218 TG: high-ranking official		RFC) Small & Medium Enterprise Development Policy Making for Middle East Countries 0784128 TG: high-ranking official GTC) Seminar on Small & Medium Enterprise Development Policies 0780995 TG: high-ranking official GTC) Enterprise Networking Regional Development 0780895 TG: high-ranking official, private sector	
	Facilitation of Fund Supply and Enhancement of Equity Capital				
	Development of Intellectual Infrastructure for Industrial Activities				
	Improvement of Trade and Investment Systems				
Development of SMEs which Increase Industrial Competitiveness	Strengthening of SME Management Capacity	RFC) Business Management for Caucasian Countries 0784142 TG: private sector, high-ranking official	GTC) Training of Trainers for Supporting SME 0780050 TG: administrative official GTC) Practical Corporate Management for Productivity Improvement 0780842 TG: administrative official, private sector RFC) Production Management for Southeast European countries 0784041 TG: private sector, high-ranking official RFC) Andean Community Productivity Improvement 0784012 TG: administrative official		
	Promotion of Business Innovation and Business Start-ups			RFC) Promotion and Support of New Venture for Central and South America 0784213 TG: administrative official	
	Development of Supporting Industries				
	Development of Specific Sub-sectors	GTC) Technical Support for SME Promotion (Biotechnology/Plastics Technology) I 0780904 TG: researcher GTC) Technical Support for SME Promotion (Organic Materials/Inorganic Materials & Metals) II 0780905 TG: researcher	GTC) Coordinator Training for Tertiary Education-Industry-Government Link to Develop Automobile Supporting Industries 0780051 TG: researcher		
	Promotion of Wholesale Business and Retail Sales				
Development of SMEs Contributing to Revitalizing Local Communities and Creating Employment	Development of Local Manufacturing Industries (including processing of agricultural products)	RFC) Small Enterprises Promotion for Southern African Countries 0784079 TG: high-ranking official RFC) Small and Medium Enterprises / Local Industry Activation for South America 0784226 TG: administrative official		RFC) The policy of regional industry promotion for South Eastern Europe 0784039 TG: administrative official RFC) Regional Industrial Development by PPP for Central America 0784216 TG: administrative official, private sector	
	Promotion of Micro and Domestic Industries				

Private Sector Development: Trade and Investment Promotion

Objective		Standard Category	Leaders Training Programs	Trainers Training Programs	Solution Creation Programs	International Dialogue Programs
Strengthening Responsive Capacity for Promoting Trade and Investment within the International Framework	Establishing Basic Conditions for Promoting Trade and Investment				RFC) International Seminar on Civil and Commercial Law –Corporate governance focused on nonmarket governance– 0784182 TG: administrative official, law practitioner	
	Strengthening Capacity to Respond to International Trade and Investment Rules of the WTO and Others	GTC) Operation of Understanding on Rules and Procedures Governing the DSU, WTO Agreement 0780196 TG: administrative official			RFC) Strengthening of Market Competitiveness of Agricultural Products in the African Countries 0784206 TG: administrative official, private sector	
		RFC) Implementation of WTO Agreements in Central and South America 0784204 TG: administrative official				
		GTC) Improvements of Implementation on Security Exports Controls in Asia 0780881 TG: administrative official			RFC) Practical Approach for International Trade in APEC countries 0784205 TG: administrative official	
Capacity Building for Trade Promotion	Establishing System for Formulating Trade-related Policies and Institutions and their Proper Implementation	GTC) Foreign Trade Development 0780849 TG: administrative official			RFC) Facilitating Trade and Investment in Indian-rim Economic Region 0784177 TG: high-ranking official	
		GTC) Management on Trade and Investment Insurance 0780734 TG: administrative official				
	Strengthening Information Services to the Private Sector		RFC) Capacity Development for the trade promotion between Central America and Asia 0784171 TG: administrative official, private sector			
	Fostering Viable Private Sector					
Capacity Building for Foreign Direct Investment Promotion	Developing System for Formulating Investment-related Policies and Institutions and their Appropriate Implementation	GTC) Advocating a Law-Oriented Infrastructure to Promote Foreign Direct Investment 0780803 TG: administrative official				
	Strengthening Information Services to the Private Sector	RFC) Practical Seminar on Investment Promotion for South-Eastern Europe 0784035 TG: administrative official				

Private Sector Development: Industrial Technology

Objective \ Standard Category		Leaders Training Programs	Trainers Training Programs	Solution Creation Programs	International Dialogue Programs
Improvement of Production Technology	Improvement of Production Technology	GTC) Nondestructive Inspection Technique for Quality Management & Plant Asset Management 0780818 TG: researcher	GTC) Bioindustry II 0780792 TG: administrative and technical official, researcher		
		GTC) Training Courses for the International Welding Engineer 0780861 TG: researcher	GTC) Heat Treatment and Metal Finishing Technology for Improving Metal Property 0780986 TG: researcher		
Improvement of Production Management Technology	Introduction and Dissemination of Production Management and Planning				
	Introduction and Dissemination of Quality Control	RFC) Practical Production Management (Theory and Practice on Productivity Improvement) for South America 0784221 TG: researcher	RFC) Manufacturing Technology and Production Management System for Southeast Asian Countries 0784104 TG: administrative and technical official, researcher		
	Introduction and Dissemination of Product Management				

* Regarding Industrial Technology, specific programs are classified in other fields.

- 1) Programs related to technical education and vocational training
→ refer to **"Basic Education "** and **"Technical and Vocational Education and Training "**
- 2) Programs related to Information and Communication technology and computer skills
→ refer to **"Information and Communication Technology "**
- 3) Technologies related to natural resources and energy → refer to **"Energy Supply "** and **"Energy Conservation "**
- 4) Programs related to small and medium enterprises and regional industries → refer to **"Small and Medium Enterprises Promotion "**
- 5) Technologies related to Environmental issues and industrial pollution → refer to **"Environmental Management "**

Private Sector Development: Industrial Development Institution

Objective	Standard Category	Leaders Training Programs	Trainers Training Programs	Solution Creation Programs	International Dialogue Programs
Promotion and Development of Intellectual Property	Establishing System of Intellectual Property	GTC) Copyright Systems Development 0780778 TG: administrative official	RFC) Intellectual Property Rights in Africa 0784173 TG: administrative official, judicial professional		
	Protection of Intellectual Property	GTC) Intellectual Property for APEC Economies 0780736 TG: administrative official			
		GTC) Intellectual Property Rights 0780993 TG: administrative official			
Improvement and Promotion of Standardization System	Establishing Metrology System		GTC) Asia Pacific Legal Metrology System 0780767 TG: administrative official	GTC) Research on Standards, Measurements, Evaluation and Geosciences for Industry 0780045 TG: researcher	
	Promotion of Industrial Standardization	GTC) ASEAN International Standards Development Course 0780877 TG: high-ranking official			
GTC) Training Course on Production Certification (IEC/CB Scheme) for ASEAN Countries 0780879 TG: high-ranking official					
Establishing Economic Statistics	Establishing Economic Statistics System	GTC) Industrial and Commercial Statistics for East Asia and ASEAN Countries 0780941 TG: administrative official			
	Conduct and improvement of economic statistics survey				

Business Management for Caucasian Countries コーカサス地域 経営管理		0784142 Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 9 participants / Russian	
Target Countries : Caucas			
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>This course is designed for managers of national/private enterprises and senior administrative officers to acquire comprehensive and practical know-how for promoting appropriate business management. The overall goal is to develop human resources in the field of business management in the target countries, so that they will become more competitive in the market economy. Upon successful completion of the course, participants will be expected to:</p> <p>(1) understand the system and practical method of business management in Japan, (2) understand how to manage to keep competitiveness in the market, providing the products which meet the demand of the market, (3) acquire the theoretical and practical knowledge on production management, (4) deepen understanding on the philosophy for human resources development and understand the practical methods necessary for business management, (5) propose action plans.</p>	<p>(1) Managers of national/private enterprises with at least 3 years of experience in the fields of business management, production management, human resources development, marketing/sales and financial management, preferably in manufacturing industry. Or senior administrative officers engaged in promotion of SME's in governmental bodies, (2) University graduates or equivalent, (3) Under 50 years of age</p>		
CONTENTS	PROGRAM PERIOD	Nov.7.2007 ~ Dec.14.2007	
<p>Preparatory phase: Participants should prepare a "Country Report" which describes the present situation and problems related to business management.</p> <p>Curriculum in Japan:</p> <p>(1) Japanese style management (2) Business management (3) Quality control (TQC, TQM) (4) Production control (Just In Time, Total Productive Maintenance, Cost Management) (5) Management strategy in SME's (6) Marketing theory (7) Case study (8) Marketing strategy and theory of Lanchester Strategy (9) Practice of human resource development (10) Country report presentation, proposition of action plans</p>	IMPLEMENTING PARTNER	Northern Advancement Center for Science and Technology (NOASTEC)	
	JICA CENTER	Sapporo International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Expected number of participants per country: 3-4	

Target Countries : Andean Community Member Nations

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>In target countries as described below, while both the public and private sectors recognize importance of efficiency, quality improvement, etc., they must still require to undergo a process of acquiring the empirical accumulation of knowledge, data, etc. in the area of productivity improvement. Nations with relatively high dependence on the export of mineral resources are vehemently encouraged to promote small and medium-sized enterprises specialized in processing natural resources for value-added products, thereby domestically creating employment opportunities for their nationals.</p>	<p>(1) Individuals should be nominated by their government in accordance with the procedures mentioned in IV-1 below, (2) Individuals should be those (either government officials or management consultants) engaged in private sector development at a governmental level (central and/or local) or at the government-related organizations, (3) Individuals with at least two years of experience in the consulting field, (4) Individuals with a good command of spoken and written Spanish, and other general requirements commonly applicable to all the candidates for the JICA training Program</p>	
CONTENTS	PROGRAM PERIOD	Jan.20.2008 ~ Feb.10.2008
<p>(1) To expose participants to Japan's experience with movements in productivity and quality improvement for its possible application to existing situations in participating countries, (2) To acquire the basics, such as management strategy and business clusters analyses, while recognizing the importance of productivity analysis at sites, (3) To equip the participants with problem-solving techniques (particularly focused on the seven tools of new QC-N7), and (4) To help the participants understand a number of measures taken in the private sector to enhance management quality in Japan.</p>	IMPLEMENTING PARTNER	Pacific Resource Exchange Center (PREX)
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2006~2007
	REMARKS	


Target Countries : Central and South America

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>【Objective】 The specific problem areas and tactical goals, which are characterized by the local environment, for developing new ventures and promoting SMEs will be clearly identified by implementing the "Support Model".</p> <p>【Outcome】 Each participant will develop a "Support Model" to help SMEs upgrade their management level; based on the local environment and his/her own prioritized service areas, as well as adapting modules selected from Japanese experiences. In addition, an "Action Plan" will be summarized and presented for the implementation in his/her organization after training.</p>	<p>【Target Organizations】 Organizations that support the development and promotion of local SMEs: a) Administrative organizations to facilitate the development and promotion of local industries, b) Financial organizations and public institutions for supporting local SMEs, c) Service providing organizations for SMEs, e.g. researching, consulting and training organizations.</p> <p>【Target Group】 1) Facilitators working in public organizations for supporting and supervising local SMEs, 2) Service providers specializing in helping individuals and/or groups of small scale industries solve their managerial problems, 3) Individuals with more than five (5) years of practical experience in this field, 4) University graduates, or with an equivalent level of knowledge or professional experience; and 5) Individuals with a sufficient command of English in speaking, listening and writing.</p>	
CONTENTS	PROGRAM PERIOD	Oct. 15, 2007 ~ Dec. 8, 2007
<p>1. Mutual study led by participants Participants will take initiatives to organize the following studies: 1) Job Report presentation and discussion 2) Action Plan formulation, presentation and discussion</p> <p>2. Study of Japanese experiences Studies of various Japanese experiences, together with participants' own experience and those of exchanging ideas with other participants, will be used as the core information for developing a "Support Model" for upgrading the management level of SMEs. 1) Basic principles of management practice in SMEs, 2) Possible problem areas in the planning stage of new ventures and measures to prevent business failures, 3) A diagnostic approach for the start-up stage to accelerate businesses operations, 4) Various Kaizen activities to improve daily operations in the sustaining stage of business, and 5) The industrial and economic structure of Japan, and policy and measures of SMEs promotion.</p>	IMPLEMENTING PARTNER	Central Japan Industries Association
	JICA CENTER	Chubu International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Target Countries : Central America

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The training course aims to promote industrial development in respective countries and states through joint participation from the public and private sectors, which is expected to trigger a synergistic effect of administrative support and self-help efforts by enterprises.</p> <p>Participants will learn the following measures from the Japanese experience:</p> <p>(1) Measures to promote regional industrial development by SMEs, which play a vital role in supporting industries rooted in states or regions, by gaining stronger competitiveness, as well as strengthening cooperation among enterprises by institutionalization (cooperative association). (2) Measures for public organizations to provide appropriate administrative support to the respective industries.</p>	<p>【Target Organizations】 Ministries in charge of SMEs, cooperative associations</p> <p>【Target Group】 Official: Officials in charge of SMEs in central or local government Private: Top officials in cooperative associations of priority industries (if there is no cooperative association, top officials in the company which plays the leader's role) Individuals with more than 3 years experience</p>	
CONTENTS	PROGRAM PERIOD	Sep.2007 ~ Oct.2007
<p>(1) Presentation of situation report and setting of own tasks (2) Lectures: Technical innovation, marketing, operational statistic's of the company, importance of the organization of companies (3) Discussion: Comparison between the operation in own country and in Japan, application of Japanese cases in own country</p>	IMPLEMENTING PARTNER	Pacific Resource Exchange Center
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Small and Medium Enterprises / Local Industry Activation for South America 南米地域中小企業・地場産業活性化 Target Countries : South America		0784226 Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 10 participants / Spanish
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Participants will acquire knowledge and techniques to build up administrative capacity for promotion of SMEs/local industry activation.</p> <p>To reach the objectives, participants are expected to acquire the following knowledge and techniques: (1) Administrator's role (policy making, incentive, law and legislation, finding possible industry and local resources, evaluation of feasibility) (2) Management capacity (marketing, human resource development, quality control, financial management) (3) Benchmarks (4) Formulation of the strategy / policy for the SMEs / local industry activation</p>	<p>【Target Organizations】 Organizations responsible for the promotion of small scale enterprises (SMEs)/Local industry activation (central ministry, local government, other governmental organizations, associations of private companies for the promotion of SMEs)</p> <p>【Target Group】 (1) Managers (central ministry, local government, other governmental organizations, associations of private companies for the promotion of SMEs) who are in charge of the promotion of small scale enterprises (SMEs)/Local industry activation (2) Individuals with at least 5 years of experience in its field</p>	
CONTENTS	PROGRAM PERIOD	Feb.25.2008 ~ Mar.29.2008
<p>A. Lecture 1) History, policy, current system for the promotion of SMEs (Government of Japan, Kitakyushu City, Kitakyushu Chamber of Commerce, Small and Medium Enterprise Agency) 2) Basic knowledge for the promotion of SMEs - The movement of Globalization - Promotion of international trade - Administrator's role for the promotion of SMEs 3) Administrative ability for managers Marketing, human resource development, coaching, quality control, financial management B. Field Visit SME factories, venture factories, Kitakyushu Science and Research Park, One-Village One-Speciality economic movement C. Group discussion D. Action plan presentation</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	Expected number of participants per country: 2

Small & Medium Enterprise Development Policy Making for Middle East Countries 中東地域を対象とした中小企業振興 Target Countries : Middle East		 0784128 Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 12 participants / English	
OBJECTIVE		TARGET ORGANIZATIONS / GROUP	
1. Outcome Making a policy proposal that will contribute to solving SME-related problems 2. Output 1) Sorting out SME-related problems in each country or organization 2) Understanding the SME promotion policy in Japan and analyzing the success and failure of the same 3) Acquiring the ability to facilitate the promotion of SME development		【Target Organizations】 Central or local governments or other related organizations which implement and/or plan public policy for the promotion of SMEs 【Target Group】 1) Administrative officials in central or local governments or other related organizations, who are engaged in the implementation and/or planning of public policy for the promotion of SMEs 2) Individuals with more than 5 years experience mentioned in the above 3) University graduates or equivalent	
CONTENTS		PROGRAM PERIOD	Feb.4.2008 ~ Mar.8.2008
【Preliminary Program】 Country Report, Job Report and Inception Report 【Programs in Japan】 1. Vision Finding Discussion (Reports Presentation) 2. Proposal making and Action Plan Making Orientation 3. Subjects 1) Overview of Japan's culture, history and economy, 2) Japan's SME related policy, 3) Government policy making, 4) Financial assistance system 5) Management assistance system, 6) Business start-ups support systems 7) Marketing techniques, 8) Productivity improvement, 9) IT promotion 4. Solution Finding Discussion and Making Proposal 【Post Program】 Submission of a Result Report and provision of information and counseling		IMPLEMENTING PARTNER	Aichi Industrial Research Association (AIRA)
		JICA CENTER	Chubu International Center
		COOPERATION PERIOD	2005~2007
		REMARKS	

Target Countries : Southern Africa

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Through the training program, participants are expected: 1. To understand the roles of small enterprises in the economic evolution in Japan, together with the policies implemented during the process of their development, 2. To understand the contents and status of the policies and support measures implemented by central and local governments, as well as private companies' strategies, 3. To examine effective measures to revitalize SMEs in the southern African countries, based on knowledge acquired.	1) Officials responsible for promoting small and medium-sized enterprises in central/local government, with more than 3 years of work experience in the field of legislation, planning, etc. 2) Individuals with a university degree or the equivalent	
CONTENTS	PROGRAM PERIOD	Jan.2008 ~ Mar.2008
1) General Guidance on SMEs 2) Financial Support for SMEs promotion 3) Support for Business Management 4) Technological Support for SMEs promotion 5) Human Resources Development Support for SMEs promotion 6) Support for Starting Up New Businesses 7) Support for Regional Development	IMPLEMENTING PARTNER	1) Commerce, Industry & Labor Department, Hiroshima Prefectural Government
	JICA CENTER	Chugoku International Center
	COOPERATION PERIOD	2002~2007
	REMARKS	

Target Countries : South Eastern Europe


OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>At the end of the training, participants are expected to achieve the following objectives:</p> <ol style="list-style-type: none"> 1. To understand the concept of Japan's local industry promotion, 2. To understand the roles of different actors in promoting local industries and their networking efforts, 3. To learn the practical measures of local industry promotion that benefit the local enterprises through case study, and 4. To formulate an improvement plan for the existing local industry promotion measures and/or practices of the participants' countries, which will be implemented upon return to their countries. 	<p>【Target Organizations】 Central and local governments as well as affiliated organizations which are engaged in the promotion of local industries/SMEs</p> <p>【Target Group】 (1) Officials who are responsible for local industry/SME promotion at central or local levels (2) Individuals with 5 years or more of experience in the subject field (3) Individuals with a sufficient command of written and spoken English to undergo the training</p>	
CONTENTS	PROGRAM PERIOD	Jun.5.2007 ~ Jul.8.2007
<ol style="list-style-type: none"> 1. Overview of Japan's local industries (Lecture) 2. Overview of Japan's local industry promotion policies (Lecture) 3. Local industries and local business start-ups (Lecture & Observation) 4. Implementation of Japan's local industry promotion policy (Networking between private financial institutions and enterprises) (Lecture & Observation) 5. Implementation of Japan's local industry promotion policy (Networking among industry, academia and government) (Lecture & Observation) 6. Implementation of Japan's local industry promotion policy (Case of 3rd Sector) (Lecture & Observation) 7. Provision of support services on human resource (Lecture & Observation) development 8. SMEs' practices (Lecture & Observation) 9. Review session (Discussion) 10. Business planning for starting-up local industries (Discussion) 	IMPLEMENTING PARTNER	Prefectural University of Hiroshima
	JICA CENTER	Chugoku International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Production Management for Southeast European countries 南東欧地域 生産管理		0784041
Target Countries : Southeast Europe		Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 13 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This training course aims to provide the participants with opportunities to reconfirm the basics of production management, and to grasp the interplay between market economy and production management. Each participant is expected to make good use of the training and contribute to each country's economic development.</p> <p>Through the course, following will be expected: 1) To understand the system and practical methods of business management in Japan, 2) To acquire the theoretical and practical knowledge on production management, quality control and sanitary control conducted by Japanese enterprises, 3) To acquire the basic theory and practical knowledge on financial management for the appropriate financial analysis, and on marketing for the appropriate business management, 4) To deepen understanding on the philosophy for human resource development and understand the practical methods necessary for business management, 5) To propose an action plan considering the lessons learned throughout this course.</p>	<p>【Target Organization】 National/private companies of manufacturing industry, governmental organization for SMEs promotion</p> <p>【Target Group】 (1) Individuals nominated by each government in accordance with the procedures (2) Either (i) managers or senior staff members of a national/private enterprise, with more than 5 years of occupational experience in the field of process planning, product and inventory, quality control or productivity development movement in the manufacturing industry, or (ii) managers or senior officers in charge of promotion of SMEs at chamber of commerce and/or governmental organizations (e.g. SME promotion agency). (3) Technical college or university graduates, or with equivalent academic backgrounds. (4) Individuals over 30 years and under 45 years of age. (5) Individuals in good health , both physically and mentally, to undergo the course of training.</p>	
CONTENTS	PROGRAM PERIOD	May.22.2007 ~ Jun.30.2007
<p><Preparatory Phase> Each participant prepares a Job Report to share the problem he/she has on the job. <Curriculum in Japan> Lectures: Japanese management, Business management, Quality control, Production management, Business strategy in small and medium enterprises, 5S, Case study, Marketing theory, Human resource development (case method), Financial control Observation: Food processing factory, Wooden building material factory, Precision machinery parts production plant, Furniture factory, Antifreeze hydrant plant, Electrical components factory, Agricultural machinery manufacturing plant, Precision instrument and industrial machinery plant, Automobile assembly plant, Automobile parts manufacturing plant, Governmental institution for personnel training, Educational organization of traditional ceramic, Local industry promotion support organization, Organization for supporting the small and medium-sized companies, Service industry Discussion: Presentation: Job report presentation, Final report presentation <After finishing the duration in Japan> Within a month after returning to each country, each participant has lectures and presentations in public. JICA will support this activity.</p>	IMPLEMENTING PARTNER	Northern Advancement Center for Science & Technology
	JICA CENTER	Sapporo International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	


Seminar on Development and Promotion of SMEs in South-Eastern Europe 南東欧地域中小企業振興セミナー Target Countries : South-Eastern Europe		0784218 Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>To explore the possibilities of developing and promoting SMEs in Southern and Eastern European countries, while viewing Japan's SME's policies through an applicability filter from the standpoint of enhancing the business relationship with Japan's private sector, which is anticipated to see the following outputs achieved by the end of the seminar:</p> <p>(1) Increased recognition that the development and promotion of SMEs plays a vital role in reducing poverty through exposure to Japan's SME's policies.</p> <p>(2) Increased recognition that knowledge of corporate management practiced in Japan should be considered essential when promoting a business relationship with Japan's private sector.</p>	<p>【Target Organizations】 Governmental organizations in charge of the formulation of policies for SME promotion.</p> <p>【Target Group】 (1) Government officials in charge of the formulation or implementation of SME policies. (2) Experience: At least 3 years (3) Age: 25-40 (4) Individuals who will work in the related field continuously, and can implement the achievements of the seminar.</p>		
CONTENTS	PROGRAM PERIOD	Nov. 2007 ~ Dec. 2007	
<p>Lectures and Observation</p> <p>(1) Japan's policy of SME promotion (2) Japan's venture incubation (3) Japan's management assistance system (4) Japan's technical assistance system (5) Japan's industry-university cooperation</p> <p>Discussion Improvement of SME policy in South-Eastern Europe</p>	IMPLEMENTING PARTNER	PACIFIC RESOURCE EXCHANGE CENTER	
	JICA CENTER	Osaka International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

Enterprise Networking Regional Development 企業ネットワークによる中小企業振興		0780895 Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 10 participants / English	
Target Countries : Africa			
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>To understand the role of enterprise networking as well as local and regional economic development within the context of national development and to make a final paper on the ideas of local and regional economic development policies of the participants' own countries.</p> <p>In order to achieve the above objectives, participants are required to:</p> <ol style="list-style-type: none"> 1. Enhance the ability to analyze and improve the macro economic environment, 2. Create a concrete industrial promotion plan to address the challenges for the regional public administration and to strengthen the role of the private sector, 3. Understand the process and role of networking among SMEs, 4. Formulate a plan for building a cooperative relationship between NGO or CBO and public sector and/or for promoting SME's access to markets. 	<ol style="list-style-type: none"> (1) Government Officials or Public Officers who are engaged in the planning/implementation of national/regional development projects and policy (2) Individuals between thirty and forty years of age (3) Individuals with undergraduate degrees regarding development policies 		
CONTENTS	PROGRAM PERIOD	Oct.31.2007 ~ Dec.16.2007	
<p>Preparatory phase: Participants are required to make inception reports.</p> <p>Program in Japan: Participants analyze and have better ideas to deal with problems that are addressed by inception reports, and formulate plans for building the cooperative relationship between NGO or CBO and public sector and/or for promoting SME's access to markets.</p> <p>Post-program activities:</p> <ol style="list-style-type: none"> 1. Hold discussion meetings regarding plans written in Japan, 2. Submit reports on what is discussed, 3. Finalize and submit final plans. <p>Lecture, discussion and visit:</p> <ol style="list-style-type: none"> (1) Japan's Economic Development and Policies (2) Local and Regional Economic Development (3) Enterprise Networking and Project Planning 	IMPLEMENTING PARTNER	JICA	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Soft follow-up would be taken into account based on request.	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The objectives of this seminar are to enhance the abilities of SMEs' trainers, especially dealing with productivity alike to identify problems and acquire knowledge and know-how concerning how to instruct SMEs. Savvy trainers will considerably contribute to the increase of productivity, resulting in economic growth in developing countries.</p> <ol style="list-style-type: none"> 1. Identify the role of SMEs' trainers 2. Identify the findings related to the problems on productivity 3. Establish the methodology for SMEs' instruction or training 4. Create a plan for SMEs' instruction or training 	<p>【Target Organizations】 SME Promotion Centers, Chambers of Commerce, Vocational Centers, etc</p> <p>【Target Group】 Trainers, Instructors, and/or Managers alike, especially individuals with knowledge of productivity</p>	
CONTENTS	PROGRAM PERIOD	Jul.29, 2007 ~ Aug.18, 2007
<p>The following subjects will be covered in this program in the form of lecture, discussion, role playing, presentation, and internship at an SME alike.</p> <ol style="list-style-type: none"> (1) The role of SMEs' trainer (2) Environmental Management System (3) Total Quality Management, Productivity Increase (4) Financial Analysis (5) Examination on (2)~(4) (6) Problem-solving Methods, Leadership, Coaching (7) Lectures and Individual Consultations concerning the plan for SMEs' instruction or training 	IMPLEMENTING PARTNER	Tamagawa University
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Coordinator Training for Tertiary Education-Industry-Government Link to Develop Automobile Supporting Industries 自動車裾野産業育成のための産官学連携コーディネータ養成		 0780051 Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>【Objective】 This course is designed to educate and develop academic-industrial alliance coordinators in universities and research institutes who will gain knowledge concerning intellectual property law and technology management.</p> <p>【Expected Result】 The following human resources are developed in universities and research institutes: ① Human resources who can instruct younger academic-industrial alliance coordinators after returning home ② Human resources with the basic knowledge in intellectual property rights, and technology management ③ Human resources who can guide technology development and innovation in automobile related supporting industries, through the use of technical capabilities of universities</p>	<p>【Target Organizations】 Engineering higher education/Research institutions in countries where automobile industries exist</p> <p>【Target Group】 1) Engaged in services as academic-industrial alliance coordinators at their higher education institutions and research institutes, or individuals more likely to be appointed as academic-industrial alliance coordinators 2) Individuals with more than five (5) years in research and development 3) Individuals with a sufficient command of reading, speaking, and listening comprehension of English</p>	
CONTENTS	PROGRAM PERIOD	Feb.2008 ~ Mar.2008
1. Basic knowledge concerning academic-industrial alliance ・ Job Report presentation by participants ・ Movements of academic-industrial alliance and regional partnership, including universities, enterprises, and communities 2. Intellectual property management ・ Intellectual property laws in Japan and ASEAN countries ・ Case studies on the utilization of intellectual property 3. Technology Management ・ Importance between technology management in the field of technological development and business-academia collaboration ・ Case studies on technology management 4. OJT (1) Industry needs survey (2) Industry needs and academia seeds matching 5. Formulation and presentation of Action Plans	IMPLEMENTING PARTNER	Toyohashi University of Technology
	JICA CENTER	Chubu International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Practical Corporate Management for Productivity Improvement 生産性向上のための実践的経営管理		0780842 Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
Participants will be able to improve the productivity of industries, in particular of small and medium enterprises. To reach the objective, participants are expected to achieve the following results: 1. To master corporate management techniques for productivity improvement through lectures, visits, debates and onsite practice in a model enterprise. 2. To utilize the corporate management techniques mastered in onsite practice and make a suggestive report to improve the productivity of the model enterprise. 3. To make respective action plans concerning how to provide consultation services to companies in their own countries. (After coming home, participants will implement a consultation service for at least one enterprise in their own countries.)	(1) University graduates or equivalent with practical knowledge of overall business management/improvement of plant-level productivity/production management techniques/development of SMEs (2) Individuals with leadership to consult enterprises (3) Individuals in a position to promote/implement business management/productivity improvement activity of industries or enterprises (4) Individuals between 30 and 45 years old		
CONTENTS	PROGRAM PERIOD	May.8.2007 ~ Jul.7.2007	
The program contents are as follows: (1) Special Characteristics of Japanese Management and Corporate Support Systems Related to Enterprise Activities (2) Integrated Practical Production Management (3) Cultivating Human Resources, Marketing, Business Strategies, Cost Control, Added Value Analysis, Financial Analysis (4) Overview and Practice of Productivity Improvement Activities (5) Methods for Productivity Improvement (6) Productivity Improvement Activities by SMEs (7) Practice in Enterprise Worksite Improvements (8) Implementing Improvement Proposals (9) Creating Action Plans	IMPLEMENTING PARTNER	JAPN PRODUCTIVITY CENTER FOR SOCIO-ECON. DEVELOP.	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2004~2008	
	REMARKS	* Select at least one enterprise to implement consultation services and bring the necessary material before coming.	
Technical Support for SME Promotion (Biotechnology/Plastics Technology) I 中小企業振興のための技術支援（バイオ・高分子産業分野） I		0780904 Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
This program is designed to improve technical support systems for small- and medium-sized enterprises as well as to learn advanced technology in Biotechnology or Plastic Technology, and thus contribute to economic development in the respective countries. 1. To understand the present state of technical support system for SME promotion in Japan, especially Osaka City, 2. To acquire a broad-range of knowledge and techniques in the field of biotechnology / plastics technology for effective SME promotion support, and 3. To make an action plan for SME promotion in their countries by addressing the problems/challenges in the fields of biotechnology and plastics technology.	(Biotechnology) (1) Individuals with 3 years or more of experience (2) Individuals with a master's degree or equivalent (3) Individuals between 25 and 40 years of age, etc. (Plastics Technology) (1) Individuals with 3 years or more of experience (2) Individuals with a bachelor's degree or equivalent (3) Individuals between 25 and 40 years of age, etc.		
CONTENTS	PROGRAM PERIOD	May.1.2007 ~ Aug.5.2007	
1. Technical Support System/Measures by public institutions for SME Promotion 2. Biotechnology or Plastic Technology	IMPLEMENTING PARTNER	OSAKA MUNICIPAL TECHNICAL RESEARCH INST.	
	JICA CENTER	Osaka International Center	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Applicants should choose "Biotechnology" or "Polymer Technology" at the time of application.	

Technical Support for SME Promotion (Organic Materials/Inorganic Materials & Metals) II 中小企業振興のための技術支援（有機化学工業／無機化学工業・金属産業分野）Ⅱ		 0780905 Private Sector Development—Small and Medium Enterprises /Supporting Industries Promotion 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
This program is designed to improve technical support systems for small- and medium-sized enterprises as well as to learn advanced technology in Organic Materials or Inorganic Materials & Metals, and thus contribute to economic development in the respective countries. 1. Understand the present state of technical support system for SME promotion in Japan, especially Osaka City, 2. Acquire a broad-range of knowledge and techniques in the field of Organic Materials/Inorganic Materials & Metals for effective SME promotion support, and 3. Make an action plan for SME promotion in their countries by addressing the problems and challenges in the fields of Organic Materials / Inorganic Materials & Metals.	Individuals with three (3) years or more of experience Individuals with a bachelor's degree or equivalent Individuals of between twenty-five (25) and forty (40) years of age	
CONTENTS	PROGRAM PERIOD	Aug.21.2007 ~ Dec.12.2007
1. Technical Support System Measures by public institutions for SME promotion 2. Technology in the field of organic materials, inorganic materials and metals	IMPLEMENTING PARTNER	OSAKA MUNICIPAL TECHNICAL RESEARCH INST.
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	Applicants should choose "Organic Chemistry" or "Inorganic Chemistry & Metals" at the time of application


OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Through this training course, the participants are expected to understand participatory community development and tourism promotion by making use of the local natural environment as tourism resources, and formulate practical action plans to promote tourism and revitalize local communities in their respective countries.</p> <p>The expected outputs of the training are:</p> <p>(1) Seek measures to promote eco-friendly tourism from the standpoints of different stakeholders, such as government, tourism industries, local communities,</p> <p>(2) Seek measures to commercialize local resources, e.g. local products, cultural/historical heritages, natural environment,</p> <p>(3) Draft an action plan for community development and tourism promotion applicable to the respective countries (one plan for each country)</p>	<p>1) Individuals currently are and will continue to be engaged in tourism promotion and/or community development, such as:</p> <ul style="list-style-type: none"> - Central/local government officials in managerial positions in charge of preparing policies for tourism promotion and/or community development - Managers in the tourism industry - Managers in NGOs or community groups engaged in local community development, or - Professors or instructors specializing in tourism in universities or other academic institutions <p>2) University graduates or equivalent</p> <p>3) Age: 27-45 years old</p>	
CONTENTS	PROGRAM PERIOD	Oct.9.2007 ~ Nov.17.2007
<p>1) Lectures on the general circumstances of tourism and tourism policies in Japan.</p> <p>2) Lecture on measures for tourism promotion by various institutions, e.g. public organizations, tourism industries, local communities.</p> <p>3) Lecture and exercise on Project Cycle Management (PCM)</p> <p>4) Field trips</p> <p>5) Formulation of action plans</p>	IMPLEMENTING PARTNER	Kiyosato Educational Experiment Project (KEEP)
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2005~2007
	REMARKS	


Non-life Insurance System Development for Indochina Countries インドシナ地域損害保険制度整備		0784181	
Target Countries : Cambodia, Laos, Myanmar		Private Sector Development—Trade and Investment	
		9 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>A high level of insurance penetration supported by an underlying sound and sustainable non-life insurance system contributes to advancing the welfare and economic stability of the nation by providing assurance and security to individual lifestyles and local businesses. Furthermore, it also promotes inwards foreign direct investment in various aspects, such as providing financial security for further infrastructure buildings etc.</p> <p>Taking this into account, this program is designed to:</p> <p>(1) Assist participants to enhance their overall knowledge of non-life insurance systems and schemes, and consequently become key players in driving the further development of their country's insurance systems, and</p> <p>(2) Establish a strong and sustainable network among non-life insurance professionals between the participating countries and Japan.</p>	<p>Ministries/government agencies in charge of non-life insurance supervision and/or administration (or planning to be in charge of non-life insurance supervision/administration in the near future) and related organizations. For instance, the Ministry of Economy and Finance in Cambodia, the Ministry of Finance in Laos, and the Ministry of Finance and Revenue in Myanmar.</p>		
CONTENTS	PROGRAM PERIOD	Mar.2.2008 ~ Mar.12.2008	
<ol style="list-style-type: none"> 1. Functions and role of the non-life insurance system 2. Insurance system in Japan - outline and historical development 3. Role of insurance supervision (from the view of insurers) 4. Group discussion (country report presentation etc.) 5. Services of private insurance companies (lectures & site visits etc.) 	IMPLEMENTING PARTNER	Mitsui Sumitomo Insurance Co., Ltd.	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2006~2008	
	REMARKS		


Implementation of WTO Agreements in Central and South America 中南米地域WTO協定の履行支援		0784204	
Target Countries : Central and South America		Private Sector Development—Trade and Investment	
		10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>With the WTO accession, developing nations are required to implement the WTO Agreements. However, they are still in the process of building capacity for implementation. Therefore, this program will enable the government officials of developing nations to:</p> <ol style="list-style-type: none"> 1. Deepen the understanding of the WTO Agreements, 2. Enhance the practical and technical knowledge for the rules, and 3. Promote the judicial systems for liberalizing trade and complying with the WTO rules. 	<ol style="list-style-type: none"> (1) Government officials engaged in work related to the implementation of WTO agreements, (2) Over thirty (30) but under forty-five (45) years of age, etc. 		
CONTENTS	PROGRAM PERIOD	Feb.17.2008 ~ Mar.1.2008	
<p>The following subjects will be covered in this program in the form of lectures, discussion and presentation:</p> <ol style="list-style-type: none"> (1) Overview session on the WTO Agreements and the Dispute Settlement Procedure. (2) Understanding the trends and problems of the new Round. (3) Lecture on Japanese experiences of implementation of the WTO Agreements and its present situation. (4) Visiting the relevant government offices. (5) Presentations and discussions of participants. 	IMPLEMENTING PARTNER	Fair Trade Center	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>To diversify the potential of exports to the Asian market, pragmatic knowledge on the market preferences and understanding of the trade-related system (distribution, legal system etc.) are beneficial areas of knowledge to exporters. This training course focuses on the exploration of potential food exports from Central American countries to the Asian market, especially the Japanese market. The participants of this course are expected to reach the following goals by the end of this training in Japan:</p> <p>(1) To understand the trading system and preferences in the Asian market through the observation of Japanese food market</p> <p>(2) To recognize the strengths and weakness of own food products in view of the Asian market</p> <p>(3) To strategize the promotion and marketing tactics of particular food products</p>	<p>The targeted participants will be a combination of:</p> <p>(1) Government officials in direct charge of trade promotion for the Asian market</p> <p>(2) Officials in the private sector (preferably individuals who belong to chambers of commerce, exporter's associations etc)</p> <p>Preferably, the two types of officials above should engage in a partnership in organizing trade-related events, etc.</p>	
CONTENTS	PROGRAM PERIOD	Feb.18.2008 ~ Mar.20.2008
<p>■ Discussion</p> <p>- Participating country presentation based on SWOT analysis on selected food products</p>	IMPLEMENTING PARTNER	Pacific Resource Exchange Center
<p>■ Lectures</p> <p>- Introduction to Japanese market (lectures)</p> <p>Characteristics of Japanese market</p>	JICA CENTER	Osaka International Center
<p>Characteristics of Japanese consumer behavior and its patterns, etc.</p> <p>- Japanese trading system and environment (lectures)</p>	COOPERATION PERIOD	2006~2008
<p>Role of trading companies</p> <p>Administrative process for imports at the airport</p> <p>Importance of product development (PR, packaging etc)</p> <p>■ Observation</p> <p>FOODEX JAPAN (exhibition event for food products)</p> <p>Exporting companies, etc.</p>	REMARKS	<p>This training program requires the preparation of SWOT analysis on one particular export product prior to training.</p>

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This programs aims at helping African countries, namely Kenya, Uganda, Tanzania, Mozambique and Madagascar to formulate an appropriate policy for the promotion of trade and investment with countries around Indian Ocean. The second year participants are expected to shape the action plan which was made by the 1st year participants and draft a revised action plan. After the training period is over, the participants must brief the action plan to the expected 3rd year participants.</p> <p>This program is a three-year capacity-building project for organizations in charge of trade and investment as well as industrial policy.</p>	<p>【Target Organizations】 Public organizations in charge of trade and investment as well as industrial policy</p> <p>【Target Group】 The organizations should be responsible for selecting appropriate candidates for the whole period of technical cooperation according to the curriculum provided by JICA.</p>	
CONTENTS	PROGRAM PERIOD	Aug.2007~Sep.2007 (Under planning)
<p>Preparatory Phase: (1) Get briefing about the action plan which was made by the 1st year participants (2) Prepare pre-assignment report (3) Supplementary Training in one of the African countries</p> <p>Program in Japan: (1)Theories of international trade and competitiveness (2)Analysis of corporate behavior (3)Formulation of appropriate policy for trade and investment (4)Changing Indian-rim economic region (5)Problem solving and formulation of reform measures</p> <p>Post-training activities: (1)Supplementary Training in South East Asian country (2)After returning to respective country, the participating organization will revise the draft action plan and brief the next year participants with contents of the 1st year program and the action plan.</p>	IMPLEMENTING PARTNER	Kobe University, Kobe International Center for Corporation and Communication
	JICA CENTER	Hyogo International Center
	COOPERATION PERIOD	2006~2008
	REMARKS	Total 6 people from the same organization, 2 for each year, are expected to be involved in the project.

Strengthening of Market Competitiveness of Agricultural Products in the African Countries アフリカ地域農産物輸出競争力強化 Target Countries : Africa		 0784206 Private Sector Development—Trade and Investment Agricultural/Rural Development—Other Agricultural/Rural Development 12 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Course objective: Marketing competitiveness of agricultural products in global market are strengthening.</p> <p>Achievements:</p> <ol style="list-style-type: none"> 1) To understand system and techniques of value added agricultural production and processing 2) To understand system of standard/certification of agricultural products 3) To understand system and techniques of SPS (Sanitary and Phytosanitary) 4) To formulate Action Plan for market competitiveness of agricultural product in global market 	<p>【Target Organizations】</p> <ol style="list-style-type: none"> 1) Economic association/union in private sector on production, marketing and distribution of agricultural products 2) Governmental organizations or related administrative agencies for activating the above association/union <p>【Target Group】</p> <ol style="list-style-type: none"> 1) Secretary General or Managing Director in Economic association/union in private sector 2) Specialist on governmental organizations or related administrative agencies 	
CONTENTS	PROGRAM PERIOD	Jan. 2008~Feb. 2008
<ol style="list-style-type: none"> 1) Distribution of agricultural products, Agricultural processing, Productive cooperative or union, Food security, Traceability 2) Standard/certification/indication, viewpoint from consumer 3) Food security including risk analysis, Plant quarantine system, inspection station 4) Making of Action Plan (Strategy Paper) 	IMPLEMENTING PARTNER	Under planning
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	


Practical Seminar on Investment Promotion for South-Eastern Europe 南東欧地域実践の投資促進セミナー		 0784035
Target Countries : South-Eastern Europe		Private Sector Development—Trade and Investment 4 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
To develop the capacity to implement strategic investment promotion activities targeting Japan independently while establishing a useful business network in Japan	[Target Organizations] Investment promotion agencies and industrial organizations/associations [Target Group] Mid-career officers engaged in investment promotion (managerial level desirable) Individuals with at least 5 years experience in the field of investment promotion required	
CONTENTS	PROGRAM PERIOD	Sep.9.2007 ~ Sep.22.2007
1. Tools of ODA / investment promotion assistance implementing institutions 2. FDI trends in Japan 3. Japanese business practices and effective investment promotion in Japan (case study) 4. Arrangement, preparation and implementation of one-on-one meetings with Japanese companies, under the guidance of UNIDO 5. Arrangement / preparation of and presentation in an investment seminar or a roundtable meeting, under the guidance of UNIDO	IMPLEMENTING PARTNER	United Nations Industrial Development Organization (UNIDO)
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	Invite 2 countries per year and all 8 countries in SEE will be invited. 2007: Ukraine (2), Serbia (2) Participants' institutions are requested to bear the air-fare between their country and Japan. All other costs will be borne by the organizing institutions.


Tourism Promotion for Southeast European Countries 南東欧地域 観光振興		 0784055
Target Countries : South East Europe		Private Sector Development—Trade and Investment 16 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
The capability of appropriate administration or management for sustainable tourism will be enhanced. Upon successful completion of the course, participants will be expected: (1) To understand socio-cultural and economic impacts of tourism. (2) To learn basic ideas, conceptual frameworks, and world trends of sustainable tourism. (3) To acquire basic knowledge and practical skills to establish national and regional policies on tourism. (4) To understand the roles and significance of public agencies in tourism administration. (5) To obtain basic knowledge and practical skills to develop tourism planning, development and marketing plans. (6) To be able to propose action plans for accomplishing sustainable tourism in respective countries.	Target Group : (1) Administrative officers engaged in tourism development in a governmental or public body (2) At least three years of practical experience in the field of tourism development (3) University graduates or equivalent	
CONTENTS	PROGRAM PERIOD	Aug.1.2007 ~ Sep.1.2007
Preparatory phase: Participant should prepare a "Country Report" which describes the present situation and problems related to tourism development. Curriculum in Japan: (1) Socio-cultural and Economic Impacts of Tourism (2) Sustainable Tourism (3) Tourism in Japan (Tourism Administration on National-Level) (4) Tourism in Hokkaido (Tourism Administration on Local-Government Level) (5) Sustainable Tourism Development Case Studies in Hokkaido (6) Country Report Presentation, Propose Action Plans	IMPLEMENTING PARTNER	Sapporo International University, Sapporo International Communication Plaza Foundation
	JICA CENTER	Sapporo International Center
	COOPERATION PERIOD	2006~2008
	REMARKS	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The objectives of this seminar are to enable the government officials who deal with trade policies, WTO, FTA, and ETA alike to enhance their practical skills for international economic analysis and negotiation. In developing nations, the lack of abilities for implementation of international frameworks and trade facilitation is a major concern. Therefore, this program will enable the government officials of developing nations to:</p> <ol style="list-style-type: none"> 1. Enhance analytical skills for trade indicators 2. Deepen understanding of international frameworks 3. Deepen understanding of current trade negotiations 4. Make a proposal for impacts and solutions related to present international trade issues. 	<p>(1) Government officials engaged in the work of negotiations on trade policies, WTO, FTA, EPA (2) Over thirty (30) but under forty-five (45) years of age, etc.</p>	
CONTENTS	PROGRAM PERIOD	Nov.18.2007 ~ Dec.1.2007
<p>The following subjects will be covered in this program in the form of lectures, discussion, role playing, and presentation:</p> <ol style="list-style-type: none"> (1) Trade system, WTO agreement (2) Trade data analysis (3) International frameworks (proper trade remedies, disputes and disputes settlements, fair trade rules, intellectual properties, etc.) and case studies (4) Trade negotiation (role playing, coalition building, fast track case, agricultural negotiation) (5) Lectures and consultation for making a proposal (6) Presentations and discussions of participants 	IMPLEMENTING PARTNER	Fair Trade Center Institute for International Trade and Investment
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Improvements of Implementation on Security Exports Controls in Asia アジアにおける輸出管理運用技術向上		▼ 0780881	
		Private Sector Development—Trade and Investment	
Target Countries : East and Southeast Asia		10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>OVERALL GOAL: To promote Security Export Control systems for the early establishment of the system in Asia by providing information to government officials related to security export control policy, export licensing, and enforcement.</p> <p>PURPOSE: (1) To develop the ability to accurately understand the significance of security export controls and the international trends on non-proliferation. (2) To develop the ability related to introducing non-proliferation security export control systems. (3) To develop the ability to detect related transactions (items, end-use, end-users).</p>	<p>(1) Individuals nominated by their government in accordance with the procedures mentioned below. (2) Present position, assignment, occupational background: Export control personnel charged with licensing and/or customs inspection, playing a leading role and/or be currently engaged in the export control field with a minimum of one (1) year of experience. (3) Educational Background: University graduates or equivalent (4) Age: 25-40 years of age, in principle. (5) Language: proficient in spoken and written English. (6) Health: be in good health, both physically and mentally, to participate in the Core Phase in Japan</p>		
CONTENTS	PROGRAM PERIOD	Nov.4.2007 ~ Nov.17.2007	
<p>(1) Presentation: Country Report (2) Introductions of Controlled Items and Commodity Identification Presentations on nuclear weapons, chemical/biological weapons, missiles and conventional weapons related items will be made. World's Non-proliferation System - Current Status of WMD Proliferation - Non-proliferation and overview of International Export Control Regimes Export Control System in Japan - Legal System; Export Licensing Practice; Enforcement; Field Trips to Customs Voluntary Export Control by the Private Sector - Explanation of Security Export Control System; Field Trips to Japanese Companies (3) Discussion: The Future of Export Control System in the Asian Region</p>	IMPLEMENTING PARTNER	CENTER FOR INFORMATION ON SECURITY TRADE CONTROL	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2004~2008	
	REMARKS		

Management on Trade and Investment Insurance 貿易保険制度運用		▼ 0780734	
		Private Sector Development—Trade and Investment	
Target Countries : Non-member countries of the Berne Union and the Prague Club (excluding Asian region)		10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The purpose of this seminar is to facilitate establishing and/or improving each country's trade insurance system by providing training programs on the Japanese trade and investment insurance system and its management through presentation and demonstration to officials of government and governmental organizations in charge of trade and industrial promotion field as well as trade insurance system, if such exists. The program emphasizes helping participants, who are beginners or have limited experience in the field of trade insurance, to have a basic knowledge or to deepen their understanding of the role and performance of the trade insurance system in Japan as well as related matters, such as international rules, foreign buyers, credit control management, and country risk control management etc. which will be required in the process of establishing a trade insurance system in each country.</p>	<p>TARGET GROUP Officials of government or governmental organizations in charge of trade and industrial promotion field, with more than 5 years experience, with efficient command of spoken and written English and also has a high potential of becoming responsible for planning and organizing the trade insurance system in each country in the near future</p>		
CONTENTS	PROGRAM PERIOD	Sep.9.2007 ~ Oct.6.2007	
<p>This program mainly consists of lectures, discussions and field studies, and covers the following: 1) The purpose, role and characteristics of the Japan trade and investment insurance as a tool for trade and industrial promotion. 2) The development of the Japan trade and investment insurance system with its improvement reflecting the needs of the times 3) The outline of the Japan trade and investment insurance system, including its recent movement and also its related international rules. (Types of insurance, such as export credit insurance, country risk management, overseas buyers credit control management and others) 4) Visits to trade insurance and trade promotion related institutions and also to general trading firms and a export industry plants 5) Practical group training on export credit insurance 6) A country report presentation and action plan presentation</p>	IMPLEMENTING PARTNER	JAPAN TRADE AND INVESTMENT INSURANCE ORGANIZATION	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

Operation of Understanding on Rules and Procedures Governing the DSU, WTO Agreement WTO協定・紛争解決了解の運用		 0780196 Private Sector Development—Trade and Investment 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Practicing the DSU requires advanced knowledge, and developing nations are still in the process of fully administering the rules. Therefore, this program is designed for government officials from developing nations to : 1. Understand the procedure of the WTO dispute Settlement Understanding, 2. Deepen and widen the understanding of well-known Panel Cases, and 3. Exercise themselves in order to brush up their ability in dealing with the Dispute Settlement.	(1) Governmental officials engaged in work to the WTO DSU, and with more than 5 years of occupational experience, (2) University graduates, having studied Economic Law, (3) Over thirty (30) but under forty-five (45) years of age, etc.	
CONTENTS	PROGRAM PERIOD	Jan. 27.2008 ~ Feb.9.2008
The following subjects will be covered in this program in the form of lectures, discussion and presentation. 1. Overviewing Session on the WTO Agreements 2. Outline of the Dispute settlement Procedure 3. Enhancing the Understanding of the Panel Case - Analysis of the well-known Dispute Settlement Case- 4. Drafting the Submission on a Fictional Dispute Case 5. Summary and Closing Remarks	IMPLEMENTING PARTNER	Fair Trade Center
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2006~2010
	REMARKS	

Tourism Development for Regional Sustainability 持続可能な地域観光振興		 0780225 Private Sector Development—Trade and Investment 13 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
This program aims to teach the knowledge and effective skills required for sustainable tourism development from multiple viewpoints, including environmental, economic, socio-cultural and political perspectives. The participants are expected: (1) To learn basic ideas, conceptual frameworks, and techniques for developing sustainable tourism (2) To acquire skills to identify and analyze problems concerning sustainable tourism development from multiple viewpoints, including environmental, economic, socio-cultural, and political perspectives (3) To present tentative proposals on sustainable tourism development by conducting a field study on Japanese cases (4) To propose action plans for realizing sustainable tourism in participants' countries	[Target Organizations] Ministries, local governments, and NGOs in charge of tourism [Target Group] (1) Officers engaged in the planning and development of sustainable tourism, either in central or regional government, or members of NGOs engaged in sustainable tourism development (2) Individuals with about 3 years of work experience	
CONTENTS	PROGRAM PERIOD	Sep.4.2007 ~ Nov.11.2007
(1) Present status and problems in tourism development in participants' countries (job report presentation, issue analysis workshop) (2) Case of tourism administration and sustainable tourism development (lectures/visits) (3) Environmental preservation efforts (lectures/visits) (4) Cases of environmentally-friendly tourism development (lectures/visits) (5) Know-how of field survey (lectures/fieldwork /date analysis) (6) Final report (a) Group report: Prepare a proposal to the field survey site based on the fieldwork results (b) Individual report: Prepare a proposal to the participant's organization and the action plan	IMPLEMENTING PARTNER	・ Hiroshima Pref. Government ・ Hiroshima University
	JICA CENTER	Chugoku International Center
	COOPERATION PERIOD	2006~2010
	REMARKS	This program does not aim to provide knowledge and skills regarding commercial promotion and marketing in mass tourism.


Foreign Trade Development 貿易促進		0780849	
		Private Sector Development—Trade and Investment	
		12 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
Participants will make an Action Plan to solve the problems and issues concerning bilateral or multilateral trade policy in their country. To reach the objective, participants are expected to achieve the following: 1. To understand the history and culture of Japan regarding economic development 2. To understand the role of the Japanese private-sector, including small, medium and large sized companies 3. To understand the logistical system of Japan (at home and abroad) 4. To understand the measures and policies of the public sector, especially trade-supporting institutions 5. To understand actual activities for trade promotion and development of trade companies	[Target Group] Leading officers presently engaged in administration of foreign trade		
CONTENTS	PROGRAM PERIOD	Jun.3.2007 ~ Jul.21.2007	
Lectures: The history and culture of Japan regarding economic development, the role of the Japanese private-sector, logistical systems in Japan, the measures and policies of the public sector, activities for trade promotion and development of Japanese firms Observation: Trade companies, wholesalers, JETRO, industries, traditional local industries	IMPLEMENTING PARTNER	KOBE UNIVERSITY	
	JICA CENTER	Hyogo International Center	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Countries with a special interest in trade with Japan are welcome.	


Intellectual Property Rights 国際知的財産権		0780993	
		Private Sector Development—Trade and Investment	
		10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
This course aims to establish and enforce legal systems for the protection of Intellectual Property Rights (IPR) and the effectiveness of the systems by accomplishing the followings: 1. Recognizing the importance of fostering IPR experts and public education to raise awareness of the law as a prerequisite for intellectual property (IP) protection and, furthermore, acquiring the skills needed to propose means and methods by which to foster IPR experts and public education in their countries through the example of similar activities in Japan. 2. Recognizing the severe social and economic effects of IPR infringement and acquiring the skills needed to propose countermeasures necessary for implementation by the governments of their countries, 3. Acquiring the skills needed to propose means and methods by which to establish and improve upon systems for more expedient and proper resolution of disputes, 4. Acquiring the skills needed to propose policies to the governments of their countries in order to support research and development into and the creation of IPs.	(1) Senior administrators in charge of the legislation of intellectual property rights or in charge of policy making, or in the position of making a technical suggestion in their fields with practical experience of at least 3 years in this field (2) Under 45 years of age		
CONTENTS	PROGRAM PERIOD	May.14.2007 ~ Jul.21.2007	
This program consists of lectures, Tutorial studies and discussion, including a final symposium. The main themes are: · Overview of IPR Laws and New Issues Having Arisen · IPR Education · Utilization: Regulating IPR Infringement · Dispute Resolution Systems · Creation, Utilization and R&D Support · Case studies: Important IPR Infringement Judicial Precedents · Practical Exercises: Transfer Technology Contracts	IMPLEMENTING PARTNER	KYOTO COMPARATIVE LAW CENTER	
	JICA CENTER	Osaka International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS	In addition to this course, as for the Intellectual Property Rights, there are country focused courses for China and Africa respectively.	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The output obtained through the program will be reflected in policy on tourism promotion of each government. To attain the objective, participants are required to achieve the following outputs:</p> <p>(1) To understand the outline of Japanese tourism, administration, trends of the Japanese market, the characteristics of the Japanese, and the packaging of tourism products in Japan,</p> <p>(2) To examine the marketing methodologies of each country,</p> <p>(3) To understand the methods and cases of marketing/promotion targeting Japan of other countries,</p> <p>(4) Formulate a draft destination marketing plan.</p>	<p>Currently engaged in tourism promotion activities in governmental or other public tourism organizations, with occupational experience of more than 3 years</p>	
CONTENTS	PROGRAM PERIOD	Jun.3.2007 ~ Jul.7.2007
<p>Preparatory phase: Participants will study the "Destination Marketing for attracting Japanese Market", compiled in a CD-ROM of Tourism Development, which will be delivered by JICA Tokyo before the program in Japan.</p> <p>Program in Japan: With the main components of experience & observations, or a case study & discussions, participants will clarify issues concerning their own marketing methods and formulate a destination marketing plan.</p> <p>Post-program activities: The knowledge and output (marketing plan) obtained from the training will be disseminated at the own institution and among the personnel concerned in the Tourism industry of own country.</p>	IMPLEMENTING PARTNER	JAPAN TRANSPORT COOPERATION ASSOCIATION
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This training program focuses on the fundamental technologies and system of "making things", rather than sole technology or production management tools. Instead, it provides key mindsets, attitudes, and spirits of "Monozukuri", so that manufactured goods can be sold and profit made.</p> <p>The training program is implemented by introducing automobile manufacturing as an example to understand the essence of Monozukuri. However, it does not aim to provide training on automobile manufacturing at all.</p> <p>(Course Outcome)</p> <p>Participants are expected to learn the concept of making things (Monozukuri), the development of human resources for Monozukuri, its dependence on national culture, by understanding the key points of Monozukuri technology from design to production management. This will develop the abilities to plan and implement Monozukuri-related projects, and disseminate Monozukuri ideas in their own countries.</p> <p>(Course Outputs)</p> <ol style="list-style-type: none"> 1) The situation of Monozukuri and its challenges in the participating countries become clearer. 2) Participants learn the concept of Monozukuri by understanding the key points of Monozukuri technology. 3) Participants individually draft an Action Plan, detailing the contents of their activities after returning to their home countries. 	<p>【Target Organizations】 Technical development and promotion departments of manufacturing industries and / or small and medium-sized enterprises in the national or local government.</p> <p>【Target Group】 Applicants should: 1) be engineers who are currently or will be engaged in technical development and promotion of manufacturing industries and/or small and medium-sized enterprises, and with strong wills to be leaders in this field; and 2) Individuals with basic knowledge concerning "making things"; and 3) University graduates or equivalent with more than 10 years of practical experience in the field of "making things".</p>	
CONTENTS	PROGRAM PERIOD	Jan.28.2008 ~ Mar.16.2008
<ol style="list-style-type: none"> 1) Orientation 2) Design and production automation system 3) Materials selection and treatment of materials 4) Processing 5) Special physical processing 6) Special chemical processing 7) Products inspection and quality assurance 8) Management and production control system, industrial engineering (IE) 	IMPLEMENTING PARTNER	Aichi Industrial Research Association
	JICA CENTER	Chubu International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	Expected number of participants per country : 2

Bioindustry II バイオインダストリーⅡ		 0780792 Private Sector Development—Industrial Technology 10 participants / English	
OBJECTIVE		TARGET ORGANIZATIONS / GROUP	
<p>[Objective] The participants will acquire knowledge and technology, which can be used to develop suitable bioindustries for their respective countries and will make and implement the action plan "Introducing bioindustries to developing countries".</p> <p>[Expected Results] 1. To consider the current state of respective countries, with reference to the basic and wide range of applied biotechnology in Japan 2. To understand conservation and international collaboration for the effective application of the sustainable use of biological resources 3. To plan strategies for introducing bioindustries to their respective countries and responsibilities 4. To understand the role of biotechnology in society and public awareness</p>		1. Administrative officers currently engaged in overall planning and implementing biotechnological policy, and experts who are presently engaged in biotechnology or related areas at national research institutes 2. Individuals with at least 5 years of experience 3. Individuals with a sufficient command of spoken and written English	
CONTENTS		PROGRAM PERIOD	May.7.2007 ~ Jul.7.2007
1. Pre-training program - Creation of a job report 2. Training program in Japan - Basic biotechnology - Application of useful biological resources to industry (culture collection, databank, fermentation, etc.) 3. Outline of convention on biological diversity - Technology for evaluating biological resources (preservation microbes, phylogeny analysis of bacteria, etc.) 4. Japanese biotechnology (national policy, current state and future prospects) - TLO (Technology Licensing Organization) - Patents related to biotechnology 5. Risk and public understanding on biotechnology - LMO (Living Modified Organisms) 6. Post-training program - Creation of a progress report		IMPLEMENTING PARTNER	JAPAN BIOINDUSTRY ASSOCIATION
		JICA CENTER	Chubu International Center
		COOPERATION PERIOD	2003~2007
		REMARKS	Japan Bioindustry Association (http://www.jba.or.jp)

Nondestructive Inspection Technique for Quality Management & Plant Asset Management 非破壊検査技術		 0780818 Private Sector Development—Industrial Technology 8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
The purpose of the program is to provide principles and techniques vital for non-destructive inspection for the quality assurance of industrial products, in order to develop domestic industries in the respective countries. To reach this objective, participants are expected to achieve the following: (1) To understand the mechanism of the occurrence of defects in metallic materials (2) To understand the theory of non-destructive inspection techniques (3) To select a proper inspection method, according to the proposed use (4) To acquire knowledge and skills for evaluating the inspection results	(1) Engineers with experience in inspection work, including non-destructive inspection, or who will be engaged in the same in the near future (2) Graduates of university engineering faculties or equivalent	
CONTENTS	PROGRAM PERIOD	Feb.11.2008 ~ Jun.14.2008
(1) Outline of NDI techniques (2) Technique for quality control (3) Relation between NDT and destructive testing (4) Outline of RT (5) Outline of SM (7) Outline of UT (8) Fundamentals of AE (9) Fundamentals of metallic materials (10) Practice in AE, ET, PT, MT, SM, UT, RT (11) Flaws in steel products and their inspection (12) Countermeasures for preventing defects in cast and forged steels (13) Flow in welding products and their inspection (14) Recent technological improvement in NDT progress (15) Maintenance inspection (16) Practice in destructive testing	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2003~2007
	REMARKS	Program participants having successfully completed lectures and examinations on UT, who will be able to gain the UT Level II licence.

Training Courses for the International Welding Engineer 国際溶接技術者研修		 0780861 Private Sector Development—Industrial Technology 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
[Objective] The participants learn fundamental welding technology and practical technology, enabling their proper application, and acquire on-site experience. They are thus able to manage welding processes and foster welding engineers in their home countries. [Expected Results] By the end of the training period, in order to be able to plan and manage welding procedures, and foster welding engineers, participants are expected to have gained theoretical and practical knowledge of: 1. Welding processes and equipment 2. Materials and their behavior during welding 3. Construction and design for welded products 4. Welding fabrication, application engineering 5. Nondestructive tests, etc.	[Target Organizations] Welding engineers associations, vocational training schools for teaching welding technology, associations or organizations utilizing welding technology, and others [Target Group] Welding engineers with more than 3 years of experience and under 40 years old	
CONTENTS	PROGRAM PERIOD	Apr.1.2007 ~ Oct.20.2007
- Introduction to welding engineering, welding processes and equipment, welding metallurgy - Welding mechanics and design, welding fabrication, applications engineering - Test and inspection, quality control, safety and hygiene - Observation and practice in companies, research institutes and educational facilities - Short group training in companies	IMPLEMENTING PARTNER	THE JAPAN WELDING ENGINEERING SOCIETY
	JICA CENTER	Chubu International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	Participants can obtain the Diploma of IWE in IIW, a qualification scheme for welding personnel, through training upon passing the examination as part of the program. When submitting application forms, candidates are required to submit their graduation certificates, academic transcripts, and English score sheets.


Heat Treatment and Metal Finishing Technology for Improving Metal Property 材料性質改善処理技術		0780986 Private Sector Development—Industrial Technology 6 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>Heat treatment and metal finishing technologies will be improved by promoting the basic and advanced technologies acquired through the training course.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1. To understand the essence of metal properties 2. To understand the theory and techniques of strengthening and hardening by heat treatment and surface finishing technologies 3. To understand quality control technology and pollution control technology 4. To organize a technology improvement plan or technical assistance plan 	<ol style="list-style-type: none"> 1. Experts presently engaged in this field of technology at industry, research/educational institutes with at least two (2) years of experience 2. Individuals with basic physical and chemical knowledge 3. Age: Under 35 years old 4. Individuals proficient in speaking and listening to English 		
CONTENTS	PROGRAM PERIOD	Aug.19.2007 ~ Dec.1.2007	
<p>Preparatory phase A country report and job report will be created, to assess the current situation of respective countries and related technologies.</p> <p>Program in Japan The technology improvement plan or technical assistance plan will be created based on the following subjects:</p> <ol style="list-style-type: none"> 1. Basic knowledge of materials 2. Hardening and strengthening of bulk materials 3. Surface hardening and strengthening mainly by heat treatment 4. Hardening and strengthening by surface finishing technology 5. Corrosion protection process and control 6. Quality control and environmental treatment <p>Post-program activities</p> <ol style="list-style-type: none"> 1. To submit a technology improvement plan or technical assistance plan to the related sections and implement the action plan. 2. To submit a progress report describing the results in realizing the action plan 	IMPLEMENTING PARTNER	AICHI INDUSTRIAL RESEARCH ASSOCIATION	
	JICA CENTER	Chubu International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>To enable participants to acquire the necessary skills to plan tourism promotion strategy by understanding the way to conserve and utilize tourism resources in Okinawa.</p> <p>To attain the objective, participants are expected to achieve the following:</p> <p>(1) Recognize the importance of tourism revenue in small island state economies.</p> <p>(2) Recognize the importance of tourism resources in small islands or local communities, and understand the means of sustainable utilization and conservation.</p> <p>(3) Understand comprehensive knowledge about Japanese administrative roles and acquire ways to collaborate with various tourism-related organizations (private companies, NGOs, etc).</p> <p>(4) Formulate respective action plans on how to improve the tourism sector in own countries.</p>	<p>[Target Organizations] Public sector, tourism-related organizations which are currently engaged in promotion or the planning and development of tourism</p> <p>[Target Group] (1) Individuals presently working as staff in the tourism or environment sector, such as the ministry of tourism and environment, or other public related organizations (2) Individuals with more than 3 years experience in the above mentioned field (3) Individuals from 30- 45 years of age</p>	
CONTENTS	PROGRAM PERIOD	Aug.7.2007 ~ Sep.22.2007
<p><Preparatory phase> (1) Formulating a job report describing the present situation of tourism in the participants' countries and the participants' detailed work in their organizations.</p> <p><Program in Japan> Implementing lectures, observation tours and practices related to the following topics: (1) Issue analysis workshop (2) Importance of tourism revenue in small island states (3) Administration roles for tourism promotion and marketing (4) Participating in tourism programs (such as eco-tour programs, cultural programs and health claim tourism programs) (5) Formulating and making presentations of an action plan</p>	IMPLEMENTING PARTNER	Okinawa Environment Club
	JICA CENTER	Okinawa International Center
	COOPERATION PERIOD	2006~2008
	REMARKS	Carrying out "Issue analysis workshop".


OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>To enable participants to clarify issues encountered in their respective countries and plan a sustainable tourism promotion plan by understanding the way to conserve and utilize tourism resources.</p> <p>To reach this objective, participants are expected to achieve the following:</p> <p>(1) To acquire ideas for sustainable tourism development and management. (2) To learn specific development methods, such as the marketing and promotion of tourism. (3) To learn the importance of hospitality management and human development. (4) To learn the importance of alternative forms of tourism, such as ecotourism, health claim tourism, etc. (5) To formulate an action plan for sustainable tourism development in islands and coastal states.</p>	<p>【Target Organizations】 Public sector, tourism-related organizations and NGOs, which currently partake in the promotion or planning and development of tourism (including ecotourism)</p> <p>【Target Group】 (1) Governmental officers, staff of tourism-related organizations and NGOs, who currently partake in the promotion or planning and development of tourism (including ecotourism) (2) Individuals with practical experience in this field for about 3 years.</p>	
CONTENTS	PROGRAM PERIOD	
<p><Preparatory phase> (1) Formulating a job report describing the present situation of tourism in the participants' countries and the participants' detailed work in their organizations.</p> <p><Program in Japan> Implement lectures, observation tours and practices related to the following topics: (1) Issue analysis workshop (2) Efforts made by administrative bodies (3) Attitude of research and tour operators (4) Practical tools for tourism development (5) Staff training and guest service (6) Operating ecotourism, green tourism and health claim tourism (7) Formulating and making a presentation of an action plan</p>	IMPLEMENTING PARTNER	Jan.2008(under planning) Okinawa Environment Club
	JICA CENTER	Okinawa International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	Carrying out an "Issue analysis workshop".


OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Museums can function as a tool for introducing the history and cultures of the regional surroundings of museums to the tourists. Simultaneously, museums promote the rediscovery of local cultures by their own people in the surrounding area. The museum plays a significant role in aiding these individuals to find their own cultural and ethnological identities. This training program aims to strengthen the capacity of curators in the Middle Eastern region while acknowledging the importance of the tourism promotion of cultural heritage and museums, to acquire knowledge and skills of Collection, Documentation, Research, Preservation, Exhibition and Museum educational activities.</p> <p>(1) Acquire skills of the collection and organization of items (2) Understand and Acquire knowledge on the effective methodology of exhibition (3) Acquire methodology of museum educational events and activities with the local community (4) Acquire skills of Preservation</p>	<p>【Target Organizations】 National or local level museums 【Target Group】 Curators</p> <p>With experience in one area: 1) Collection, 2) Documentation, 3) Preservation, 4) Exhibition planning, 5) Museum education, 6) Other relevant field experience (except for general museum management) for more than 3 years.</p>	
CONTENTS	PROGRAM PERIOD	
<p>The training course will focus on hands-on training geared to practical museum activities.</p> <p>1. Presentation of museums in target countries</p> <p>2. Lectures (To be decided)</p> <ul style="list-style-type: none"> - Museum and representation of culture - Japanese Museum System - Pest Control, Environment Control - How to organize permanent and temporary exhibitions - Museum activities and the Local Community - Exhibition Planning - Museum and Tourism - Museum Network - Tangible/intangible heritage (world heritage) - Eco museum <p>3. Museum observation</p> <p>4. Action plan</p>	<p>IMPLEMENTING PARTNER</p>	<p>Nov.2007~Jan.2008 (approx. 3 months)</p> <p>Comode Design Co., Ltd. (To be fixed) National Museum of Ethnology (To be fixed)</p>
	<p>JICA CENTER</p>	<p>Osaka International Center</p>
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>
	<p>REMARKS</p>	

International Seminar on Civil and Commercial Law -Corporate governance focused on nonmarket governance- 国際民事法Ⅲ「コーポレートガバナンスー非市場型ガバナンス」(CLMV諸国) Target Countries : Cambodia, Laos, Myanmar, Vietnam		0784182 Private Sector Development—Industrial Development Institution 12 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>This seminar aims to deepen the understanding of corporate governance by comparing related foreign laws and internationally accepted rules among government officials engaged in the field of corporate governance, law practitioners and officials of state-owned companies. Upon completion of the course, participants are expected to enhance their ability to operate the economically-efficient corporate legal systems, especially in terms of corporate governance.</p> <p>1. To understand the role of Corporate Governance (CG) in attracting more foreign investment. 2. To understand the global standard(such as that of OECD) related to CG. To be able to point out the issues and problems of corporate law in the respective countries, while understanding the OECD principles of CG and comparing own corporate law systems. 3. To understand measures for settling conflicts concerning CG fairly and effectively.</p>	<p>Government officials engaged in the establishment or research of a legal system in the field of corporate governance (CG), and law practitioners (including private attorneys) and executive officials of state-owned companies with abundant experience in managing companies from the CG viewpoint. When we accept two or three participants from a country, the participants should consist of government official(s), and law practitioner(s) or official(s) of state-owned companies. In other words, we accept two or three participants from a country only when applicants of both categories have been accepted.</p>		
CONTENTS	PROGRAM PERIOD	Jan.28.2008 ~ Mar.9.2008	
<p>1. Lectures: Contents of the OECD principles of corporate governance and related matters. 2. Group Workshop Participants will be divided into a few groups with a few Japanese participants from the private sector and establish a virtual joint enterprise in accordance with the current laws and regulations of each country. Each group is requested to draft the articles of the joint enterprise to make a presentation. 3. Presentation for Final Report Each group will prepare a final report (group report of virtual article of the virtual joint enterprise) and make a presentation at the end of the training, assuming the group makes the presentation in front of foreign investors to invite investment for the virtual company. 4. Study Trips Planned study trips include visits to multinational companies and other CG related institutions.</p> <p>* Role of the Japanese Participants</p> <p>The Japanese participants are expected to introduce Japanese and other developed countries' systems, situations and activities on Corporate Governance when investing overseas. The overseas participants are expected to recognize the legislative issues and problems from the investor's perspective through discussion with Japanese participants in order to improve skills for policy formation and legislation making during the process of pragmatic recommendation to their government.</p>	IMPLEMENTING PARTNER	Ministry of Justice, Research and Training Institute, International Cooperation Department	
	JICA CENTER	Osaka International Center	
	COOPERATION PERIOD	2006~2007	
	REMARKS		

Practical Production Management (Theory and Practice on Productivity Improvement) for South America 南米地域生産性向上実践技術 Target Countries : South America		 0784221 Private Sector Development—Industrial Development Institution 8 participants / Spanish
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The objective of this program is to provide participants with opportunities to improve their abilities to solve the problems and difficulties that interfere with productivity. Participants will obtain the following listed knowledge and techniques:</p> <p>(1) Understand the importance of enthusiasm and motivation as managers and supervisors attempting to improve productivity and quality at the production sites</p> <p>(2) Understand that the high productivity of Japanese industry is due to Kaizen Activities, which means various types of continuing improvements, involving all managers and workers at the production sites</p> <p>(3) Learn how to identify 3M (Muda=Waste, Mura=Inconsistency, Muri=Irrationality) at the production sites</p> <p>(4) Learn the methodology and easy-to-implement techniques for problem-solving at production sites</p> <p>(5) Learn how to identify optimal operating conditions</p>	<p>[Target Group]</p> <p>(1) Individuals with at least 5 years of work experience in the field of the production management of manufacturing or assembling industries</p> <p>(2) Engineering graduates at university or equivalent</p>	
CONTENTS	PROGRAM PERIOD	Oct. 2007 ~ Mar. 2008
<p>【Lecture】</p> <p>(1) Productivity and management engineering, productivity factors, basis of IE, single arrangement, Poka Yoke, just in time (JIT)</p> <p>(2) Outline of QC, QC several tools, sampling inspection, control chart</p> <p>(3) Japanese economy, employee education, trend of production control</p> <p>【Practice】</p> <p>Small group activity, New QC several tools, Value engineering (VE)</p> <p>【Practice in Plant】</p> <p>Improvement practice 1 & 2, Two days improvement</p> <p>【Plant Visit】</p> <p>Yamamoto, Toto, Unipress, Yasukawa, Nissan, Eco Town, Komatsu, Daifuku, NR</p>	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Through the training course, participants are expected :</p> <ol style="list-style-type: none"> 1. To sort out problems in the field of IP in participant's country, through understanding IPR in socio-economic development in Japan under international framework such as WTO/TRIPs and WIPO. 2. To understand the promotion of technology transfer from abroad and IPR. 3. To have understanding of the issues for protecting and exploiting cultural expressions including folklore and traditional knowledge, and biological resources. 4. To understand enforcement to protect IPR. 	<p>(1) Individuals nominated by their government in accordance with the procedures stipulated in IV. below. (2) (a) Either senior administrators in charge of the legislation of intellectual property rights in light of global standards such as WTO/TRIPs, WIPO framework; or in charge of policy making in the field of overall intellectual property rights or related law. (b) Administrators or judicial officials in charge of legislation for at least one of the following laws: patent, utility models, trademarks, designs, copyrights, plants law with practical experience of a minimum three (3) years in this field</p> <p>* It is advisable for the two applicants to have different backgrounds in specialized law</p>	
CONTENTS	PROGRAM PERIOD	
<p>■ Lectures Characteristics and historical development of patent/utility model law Characteristics and historical development of trademark law Characteristics and historical development of copyright law Contracts on technology transfer/License agreement and its legal issues Introduction of international discussion on folklore Introduction of international discussion on access to genetic resources and its benefit sharing, etc.</p> <p>* The participants are expected to introduce the legislation and situation of the related topic above in the each lecture</p> <p>■ Observation Patent office High court for intellectual property rights Japanese cooperation</p> <p>■ Discussion Discussion with experts from WIPO, JPO, Japanese cooperation, attorneys at law etc</p> <p>■ Action plan</p>	IMPLEMENTING PARTNER	Kyoto Comparative Law center
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2006~2008
	REMARKS	<p>- This training program requires preparatory e-training prior to the training course. - Two participants from each country are expected in order to analyze the overall legislation, jurisdiction and enforcement approach</p>

ASEAN International Standards Development Course アセアン国際標準開発研修		 0780877 Private Sector Development—Industrial Development Institution English
Target Countries : ASEAN countries		8 participants /
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Based on the "ASEAN Standards and Conformance Cooperation Program" that was established in 2003, this program is designed to provide skills for international standards development in ISO/IEC and the latest trends of international standardization to officials of government standardization bodies in ASEAN countries, to promote the more positive participation of those countries in ISO/IEC. Key points to master: (1) Basic knowledge of standardization in general (2) How to advance international standards development, including negotiation skills for international meetings	Deputy directors or higher, having engaged in standardization or participated in international standardization activities	
CONTENTS	PROGRAM PERIOD	Oct.14.2007 ~ Nov.3.2007
Lecture: Activities of ISO/IEC in Japan, Trends from ISO/IEC executive committee, Description of ISO/IEC Directives, Japanese Industry's Activity on International Standardization, Hot Issues Key points to master: (1) Knowledge of standardization in general (2) Programs concerning international standards	IMPLEMENTING PARTNER	JAPANESE STANDARDS ASSOCIATION
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	

Training Course on Production Certification (IEC/CB Scheme) for ASEAN Countries アセアン製品認証 (I E C / C B スキーム) 実践コース		 0780879 Private Sector Development—Industrial Development Institution English
Target Countries : ASEAN countries		16 participants /
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Based on the "ASEAN Standards and Conformance Cooperation Program" that was established in 2003, this program is designed to provide skills for the international standards development in ISO/IEC and the latest trends of international standardization to officials of government standardization bodies in ASEAN countries, in order to promote the more positive participation of those countries in ISO/IEC. Key points to master: (1) Basic knowledge of standardization in general (2) How to advance international standards development, including negotiation skills for international meetings	Deputy directors or higher, having engaged in standardization or participated in international standardization activities	
CONTENTS	PROGRAM PERIOD	Nov.11.2007 ~ Dec.1.2007
Lecture: Activities of ISO/IEC in Japan, Trends from ISO/IEC executive committee, Description of ISO/IEC Directives, Japanese Industry's Activity on International Standardization, Hot Issues Key points to master: (1) Knowledge of standardization in general (2) Programs concerning international standards	IMPLEMENTING PARTNER	JAPANESE STANDARDS ASSOCIATION
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	


Industrial and Commercial Statistics for East Asia and ASEAN Countries 産業統計（東アジアおよびアセアン諸国）		▼ 0780941
		Private Sector Development—Industrial Development Institution
Target Countries : East Asia and ASEAN countries		8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>OVERALL GOAL: To provide participants with general knowledge of industrial statistics, and to contribute to further statistical development</p> <p>OBJECTIVES: (1) to acquire knowledge and technique concerning planning, and data collection, etc., regarding industrial statistics, (2) to acquire how to analyze statistics utilizing industrial statistics, (3) to recognize the importance of industrial statistics, which are internationally comparable.</p>	<p>(1) Officers currently engaged in the field of industrial statistics, (2) Individuals with more than 5 years of occupational experience in this field, (3) Individuals over 25 years of age but under 40, (4) Individuals with sufficient knowledge of basic mathematics, etc.</p>	
CONTENTS	PROGRAM PERIOD	Oct.9.2007 ~ Nov.2.2007
<p>Mainly consisting of lectures on the following items: (1) Outlines of industrial statistics. (2) Various sorts of census surveys (manufactures and commerce) (3) Various sorts of current surveys (production and commerce) (4) Enterprise based surveys (5) Secondary statistics (indices of industrial production, etc.) (6) Methods of analysis utilizing industrial statistics (7) Various sorts of classification (industrial classification, commodity classification, etc.) (8) Sampling techniques (9) The importance of internationally comparable statistics (10) On-site observation of statistical practice, etc. (11) Industrial statistics of participants' countries (Presentation by participants, etc.).</p>	IMPLEMENTING PARTNER	RESEARCH AND STATISTICS DEPT., METI
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	

Intellectual Property for APEC Economies APEC知的財産権		▼ 0780736
		Private Sector Development—Industrial Development Institution
Target Countries : APEC member nations		20 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The increase in counterfeit and pirated goods within APEC countries is greatly obstructing economic activity. In order to ensure stable economic growth within the region it is imperative to establish a system for the protection of Intellectual Property, which in turn requires the training of talented human resources to maintain this system. To achieve successful training it is necessary for each trainee to understand the "APEC Anti-Counterfeiting and Piracy Initiative" and the "APEC Model Guidelines for Effective Public Awareness Campaigns " proposals of the Japan-US-Korea-Hong Kong Cooperation, as well as prepare a Project Design Matrix (PDM) in order to develop a distinctive and improved system for each country. Superior ideas suggested during training may also be used in forming future projects in one's home country.</p>	<p>(1) Government offices or related agencies within APEC. (2) Officials involved in the application of Intellectual Property Rights law and promoting public awareness. (3) Persons of (2) above with at least 5 years experience. (4) Persons between the ages of 30 and 50 (inclusive). (5) University degrees or equivalent qualification.</p>	
CONTENTS	PROGRAM PERIOD	Sept.9.2007~Sept.29.2007
<p>Training will be provided in Intellectual Property Rights law and its application, the activities of government offices and officials of government agencies in promoting public awareness, countermeasures to pirated and counterfeit goods, as well as key points in the diffusion of an Intellectual Property Rights system.</p>	IMPLEMENTING PARTNER	JAPAN INSTITUTE OF INVENTION & INNOVATION
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Copyright Systems Development 著作権制度整備		0780778	
Private Sector Development—Industrial Development Institution		7 participants / English	
Target Countries : WTO member nations			
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
Participants are expected to determine issues associated with the copyright systems of their own countries and to prepare a draft of policies to solve the assignments, by understanding the following subjects concerning copyright system. 1. Copyright legislation in Japan 2. Copyright enforcement 3. A new copyright system which matches the development of information technologies 4. Current international copyright treaties and recent international movements 5. The significance and activities of collective management societies	1. Government officers in charge of copyright, officers from collective management society, university lecturers 2. Individuals with at least 3 years experience in their profession 3. Individuals more than 30 years old, and 4. University graduates or those with higher education.		
CONTENTS	PROGRAM PERIOD	May.20.2007 ~ Jun.9.2007	
For promoting assignments solution of each of the participating countries, the program will include the following topics: 1. Outline of the copyright system in Japan, 2. Copyright enforcement, 3. International trends in copyright protection, including relevant treaties, 4. Development of information technology; digitalization, network, and adjustment of copyright legislation, 5. Significance and activities of collecting management societies	IMPLEMENTING PARTNER	Copyright Research and Information Center	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS		

Advocating a Law-Oriented Infrastructure to Promote Foreign Direct Investment 投資環境法整備		0780803	
Private Sector Development—Industrial Development Institution		15 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
To develop a law-oriented infrastructure to promote foreign direct investment, participants will: 1. Gain a comprehensive understanding of legal environment 2. Understand the current situation and policies of foreign direct investment (FDI) by Japanese companies 3. Understand the roles and functions of small- and medium-sized enterprises in promoting FDI as well as related issues in this field, 4. Understand investment policy, strategy and issues in Japan 5. Develop problem-solving skills through comparative consideration of investment systems 6. Develop negotiating skills for the promotion of FDI through careful examination of various related issues from multilateral perspectives.	(1) Government officials or experts in charge of policy making on legal aspects of foreign direct investment or responsible for its implementation, possessing adequate experience and knowledge, (2) University graduates or equivalent, (3) Individuals with a sufficient command of spoken and written English (English competency for discussion is needed)		
CONTENTS	PROGRAM PERIOD	Feb.5.2008 ~ Mar.17.2008	
(1) Comprehensive understanding of investment relating to legal systems (Company Law, Intellectual property system, Tax Law, Labour Law) (2) Japanese policy for the attraction of foreign direct investment (3) The current state of foreign direct investment by Japanese Companies (4) The role of SMEs in promoting foreign direct investment. (5) Case study on direct investment (6) Report presentation and discussions with experts (Investment Forum)	IMPLEMENTING PARTNER	KYOTO COMPARATIVE LAW CENTER	
	JICA CENTER	Osaka International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>[Objective] - The objective of this program is to master appropriate technologies and skills, and to develop leading researchers in the field of standards, measurements, evaluation and Geosciences for industry.</p> <p>To reach the objective, participants are expected to achieve the following: 1) To master methods to carry out research activities by themselves 2) To deepen knowledge on standards, measurements, evaluation and Geosciences for industry 3) To build a broad network with other researchers 4) To make a presentation at an academic conference 5) To make a final report as a result of the research activities in Japan 6) To make a draft paper on how the research subject will be evolved in their respective organizations and will contribute for solving the issue in the said field in their countries.</p>	<p>[Target Organizations] - Public research institutes, universities</p> <p>[Target Group] 1) Researchers in the field of standards, measurements, evaluation and Geosciences for industry in the above-mentioned organizations 2) Individuals with a Master's degree or equivalent qualification 3) Individuals with at least 3 years of research experience</p>	
CONTENTS	PROGRAM PERIOD	Jan.15.2008 ~ Jul.19.2008
<p>Preparatory phase: - Participants are requested to make their own research proposals according to the topic of the research subject determined before their coming to Japan. In this process it is essential to contact the host researchers and to have consultations.</p> <p>Program in Japan: - Introductory lectures in AIST (1 week) 1) Introductory lectures 2) Observation tour of the research institutes in Tsukuba Science city - Individual research (about 5 months): According to the subject determined before coming to Japan, participants will be assigned as members of the laboratory of the host researcher, conduct research under his/her supervision, and write up the results in a final report. By the end of the program, the participants will make a draft paper on how the research subject will be evolved in their respective organizations and will contribute to solving the issue in the field of standards, measurements, evaluation and Geosciences for industry in their countries. - Subjects to be offered in relation with the following fields: Standards and material reference; Measurements, evaluation and analytical system; Geo-information and geo-science; etc.</p> <p>Development phase: - The draft paper will be shared with the respective organizations of the participants. At 6 months after the end of the program in Japan, the participants will report on the progress of their activities in their organizations to Japan.</p>	IMPLEMENTING PARTNER	National Institute of Advanced Industrial Science
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	<p>- The program includes intensive Japanese language lessons (25 hours). - Related website: National Institute of Advanced Industrial Science and Technology http://www.aist.go.jp/index_en.html</p>

Asia Pacific Legal Metrology System アジア太平洋法定計量システム		 0780767 Private Sector Development—Industrial Development Institution 6 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
[Objective] - To improve the Legal Metrology system in respective countries To reach the objective, participants are expected to achieve the following: 1) To understand and explain the importance of Legal Metrology for the development of a country, and its principle and structure 2) To understand the Japanese Legal Metrology system including the accreditation system 3) To understand the traceability system, the role of the central and local administrative organizations in the system and their respective duties in measurement 4) To make a draft of action plans for an improved Legal Metrology system to be submitted to respective organizations, based on the lessons acquired during the course	1) Governmental/semi-governmental officers 2) Individuals currently engaged in practical verification/inspection or its supervision in the field of legal metrology (the latter preferable) 3) Individuals with at least 3 years of work experience 4) University graduates or equivalent qualification		
CONTENTS	PROGRAM PERIOD	Jun.12.2007 ~ Sep.8.2007	
Preparatory phase: - Participants will make a report on the current situation of legal metrology in their country. Program in Japan: - The program in Japan consists of the following topics: 1) Outline of legal metrology 2) Outline of Japan's legal metrology 3) International organization for legal metrology and international system for legal metrology 4) Traceability 5) Practice: Type approval, periodical inspection, verification of standards 6) Practice: Calibration of basic items 7) Visits to related sites 8) Report preparation and presentations Development phase: - Participants will share the draft report written in Japan with colleagues of their respective organizations, and elaborate it as a feasible action plan. The elaborated action plan will be reported to Japan three months after the participant's return.	IMPLEMENTING PARTNER	National Institute of Advanced Industrial Science	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS	- The target countries will all be countries from JFY2007 (not only ASEAN countries). - Researchers are not eligible for this program.	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>For the implementation of high priority policies, a draft strategic plan with a public-private partnership (PPP) concept will be formulated. Participants are required to:</p> <ol style="list-style-type: none"> 1. Identify the differences between government-led initiatives and PPP in the public service delivery, 2. Understand the methodologies to promote local communities' participation, or beneficiaries' needs survey, 3. Identify the mechanism of the PPP project (e.g. legal framework, roles and responsibilities of each actor, resource mobilization, contract), 4. Understand the evaluation method and indicators for the PPP project, 5. Formulate a draft strategic plan with the PPP concept (interim report). 	<p>Central or local government officials who are in charge of public - private partnerships with more than 5 years of occupational experience</p>	
CONTENTS	PROGRAM PERIOD	Jan.20.2008 ~ Feb.16.2008
<p>Preparatory phrase: Participants are requested to submit the inception report to JICA regarding the most critical issues and proposed project with the PPP concept in respective countries or regions in advance to the program in Japan.</p> <p>Program in Japan: Lectures, discussions and visits on the following topics; (1) Concept of PPP, background, classification of PPP initiatives (2) Method for the communities' participation or beneficiaries needs survey (3) Mechanism of the PPP project (4) Evaluation method (5) Exercise to formulate the draft strategic plan (interim report)</p> <p>Post-program activities: Participants are required to : (1) Hold a seminar within 1 month of their return home to disseminate the concepts of PPP and their interim Report. (2) Submit the final report to JICA within 2 months of their return. A consultation would be made by JICA-Net video conference.</p>	IMPLEMENTING PARTNER	Under planning
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	

Agricultural/Rural Development

〈農業開発・農村開発〉

Agricultural/Rural Development: Agricultural Infrastructure

Standard Category		Leaders Training Programs	Trainers Training Programs	Solution Creation Programs	International Dialogue Programs
Objective					
Capacity Development for Comprehensive Approach to Agricultural Infrastructure				GTC) Infrastructure for Agricultural and Rural Development 0780047 TG: administrative official, technical official	
Practice of Project Plan Capacity Development of Problem-solving in the Field		GTC) Irrigation and Drainage for Rural Development 0780923 TG: technical official			
Capacity Development of Administration and Technical Support for Project Implementation	Policy & Institutional Approach				
	Technical Approach	GTC) Irrigation Water Resources in Arid & Semi-Arid Region and E.I.A. for Sustainable Development 0780890 TG: technical official, researcher	RFC) Arid Land Agriculture by Efficient Water Use for Middle East 0784197 TG: technical official	GTC) Sustainable Management of Irrigation and Drainage Project 0780200 TG: technical official	
Establishment of Water Management Organization Enhancement of Water Users Association		RFC) Participatory Irrigation Management System for Paddies for Asian Countries 0784116 TG: administrative official, technical official	RFC) Enhancement of Water Users' Associations for Central Asia and Caucasus 0784049 TG: private sector		

Agricultural/Rural Development: Policy Advice

Standard Category Objective	Leaders Training Programs	Trainers Training Programs	Solution Creation Programs	International Dialogue Programs
Plan and Implementation of Agricultural Policy	RFC) Agricultural Finance in Central Asia and Caucasus 0784028 TG: administrative official, private sector	GTC) Planning and designing of Agricultural Statistics for Agricultural Policy Making 0780046 TG: administrative official		
Grasp of Agricultural Capacity and Strategy for Food Security	GTC) The Course for IT System Techniques for Agriculture 0780220 TG: technical official	GTC) GIS(Geographic Information System) Technology for Sustainable Management of Natural Resources and Agricultural Production 0780987 TG: administrative official, technical official, researcher		

Agricultural/Rural Development: Farmer Organizations/Extension Service/Rural Development

1. Water Users Association (Land Improvement District)

	Title				
	Central Official	Regional Official	Extension Worker	NGO Staff	Farmer Leader
Leaders Training Programs					
Trainers Training Programs	RFC) Arid Land Agriculture by Efficient Water Use for Middle East 0784197				RFC) Enhancement of Water Users' Associations for Central Asia and Caucasus 0784049
Solution Creation Programs					

2. Extension System

	Title				
	Central Official	Regional Official	Extension Worker	NGO Staff	Farmer Leader
Leaders Training Programs					
Trainers Training Programs	GTC) Agricultural Extension Planning and Management 0780926				
Solution Creation Programs					

3. Farmers Association (Farmers Cooperative)

	Title				
	Central Official	Regional Official	Extension Worker	NGO Staff	Farmer Leader
Leaders Training Programs					
Trainers Training Programs	GTC) The Role of Agricultural Cooperatives to be Played in Activation of Rural Economy 0780969				RFC) Enhancement of Water Users' Associations for Central Asia and Caucasus 0784049
	RFC) Rural Development for Small-Scale Farmers Through the Agricultural Cooperatives Activity in Asia 0784002				RFC) Rural Development for Small-Scale Farmers Through the Agricultural Cooperatives Activity in Asia 0784002
	RFC) Organizing Farmers and Roles of Agricultural Cooperatives for Central Asian Countries 0784046				
Solution Creation Programs	GTC) Seminar on Agricultural and Rural Development 0780840				

4. Common Issues for Rural Development, Farmers Association, Extension System

	Title				
	Central Official	Regional Official	Extension Worker	NGO Staff	Farmer Leader
Leaders Training Programs					
Trainers Training Programs	GTC) Integrated Agriculture and Rural Development Through the Participation of Local Farmers 0780211				
Solution Creation Programs	RFC) Rural Development in African countries 0784174				
	GTC) Sustainable Rural Development 0780036			GTC) Sustainable Rural Development 0780036	

5. Livelihood Improvement

	Title				
	Central Official	Regional Official	Extension Worker	NGO Staff	Farmer Leader
Leaders Training Programs					
Trainers Training Programs	RFC) Asia-Africa Cooperation on "Rural Community Development by Livelihood Improvement Approach" 0784180				
	RFC) Capacity Development for the supports of Farmers' Organizations and Management for Francophone Africa 0784196				
Solution Creation Programs	GTC) Empowerment of Rural Women 0780889			GTC) Empowerment of Rural Women 0780889	
	RFC) Participatory Rural Development for the Establishment of the Central America Network 0784125			RFC) Participatory Rural Development for the Establishment of the Central America Network 0784125	

6. Rural/Regional Development (One Village, One Product Movement)

	Title				
	Central Official	Regional Official	Extension Worker	NGO Staff	Farmer Leader
Leaders Training Programs					
Trainers Training Programs	GTC) JICA-NGO Partnership Training Course on Participatory Community Development for Practitioners 0780805			GTC) JICA-NGO Partnership Training Course on Participatory Community Development for Practitioners 0780805	
	RFC) Seminar on Administration for Rural/Regional Development: One Village, One Product Movement for ASEAN Countries 0784029				
	RFC) Regional Development Promotion for ASEAN countries -One Village One Product- 0784222				
Solution Creation Programs					

Agricultural/Rural Development : Agricultural Technology/ Environment/Natural Resources

Standard Category Objective	Leaders Training Programs	Trainers Training Programs	Solution Creation Programs	International Dialogue Programs
Production System Improvement	RFC) Upland Cereal Crops Management for Extension Officers in Asia and Africa 0784193 TG: extension officer, farmers' group	RFC) Extension Methodologies of Organic Agricultural Techniques for Small Scaled Farmers for Central America and Caribbean countries 0784011 TG: extension officer, farmers' group, administrative and technical official		
	RFC) Improvement and Modification of Agricultural Machinery for Africa 0784194 TG: extension officer, farmers' group, administrative and technical official			
	RFC) Upland Rice Variety Selection Techniques for Sub-Sahara Africa 0784019 TG: administrative and technical official, researcher			
	GTC) Low Input Agricultural Management System 0780900 TG: extension officer, farmers' group, administrative and technical official			
	GTC) Vegetable Cultivation Technology 0780858 TG: extension officer, farmers' group, administrative and technical official			
	GTC) Rice Research Techniques 0780771 TG: administrative and technical official, researcher			
	GTC) Post-Harvest Rice Processing 0780772 TG: administrative and technical official			
	GTC) Development Farm Machinery for Small-Scale Farmers 0780199 TG: extension officer, farmers' group, administrative and technical official			
	GTC) Organic Agriculture Technology for Environment Conservation 0780724 TG: extension officer, farmers' group			
	GTC) Sustainable Use of Plant Genetic Resources 0780770 TG: researcher			
	GTC) Agrobiotechnology 0780003 TG: administrative and technical official, researcher			
	GTC) Plant Quarantine(Thermal Treatment for the Disinfestation of Fruit Flies) II 0780824 TG: administrative and technical official			
	GTC) Introductory Gene Manipulation and Bioinformatics for Agriculture 0780799 TG: researcher			
	GTC) Plant Variety Protection 0780924 TG: administrative and technical official			
	Environment Consideration	GTC) Soil Diagnosis and Conservation 0780850 TG: administrative and technical official		
GTC) Integrated Pest Management for Plant Protection 0780810 TG: administrative and technical official, researcher				
GTC) Zero Emission-Type Agriculture & Environmental System for Rural Areas 0780758 TG: extension officer, farmers' group, administrative and technical official				

Agricultural/Rural Development: Livestock


Objective		Standard Category	Leaders Training Programs	Trainers Training Programs	Solution Creation Programs	International Dialogue Programs
Livestock Production	Poultry		GTC) Poultry Production and Management Technology 0780826 TG: technical official			
	Dairy & Beef Cattle		GTC) Pasture Based Livestock Farming Development 0780025 TG: technical official	GTC) Sustainable Livestock Production System 0780042 TG: administrative official, researcher, technical official		
			GTC) Cattle Artificial Insemination Extension System 0780714 TG: technical official, veterinarian			
			GTC) Utilization and Preservation Techniques for Animal Products 0780218 TG: technical official, researcher	RFC) Rural Development through Promoting Small Herbivorous Animal's Husbandry for Africa 0784249 TG: technical official		
Veterinary Medicine		GTC) Detection Technology of Pathogens for Food Animals 0780800 TG: veterinarian				
		GTC) Research on Veterinary Technology 0780866 TG: researcher				
		GTC) Advanced Research Course on Control of Zoonosis for Food Safety 0780920 TG: researcher, veterinarian				
		GTC) Veterinary Technology for Farm Animals 0780213 TG: veterinarian				

Rural Development for Small-Scale Farmers Through the Agricultural Cooperatives Activity in Asia 農業協同組合活動を通じた農村振興（アジア地域） Target Countries : Asia		0784002 Agricultural/Rural Development—Agricultural Policy and System English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
To implement the effective activities of Agricultural Cooperatives for the development of rural areas, participant will achieve the following: 1. Understand the current situations and obstacles of Agricultural Cooperatives in their countries in comparison with those in Japan 2. Understand the criteria for agricultural cooperatives management and human resource development for sound management 3. Understand the roles of Agricultural Cooperatives in rural development 4. Formulate an action-plan in order to strengthen their Agricultural Cooperatives and promote rural development in their countries	1. University graduates or equivalent 2. Those who satisfy at least one of the requirements below: (1) Individuals in charge of the management of Agricultural Cooperatives (2) Officials who belong to the organization of supervising Agricultural Cooperatives and who are also in charge of supporting, managing and supervising Agricultural Cooperatives, (3) Individuals who supervise institutional banking in Agricultural Cooperatives	
CONTENTS	PROGRAM PERIOD	Sep.4.2007 ~ Nov.28.2007
1. Lecture: (1) Outline of Japan's Agricultural Cooperatives (2) Management of Agricultural Cooperatives (3) Human Resource Development for staff members of Agricultural Cooperatives 2. Observation: (1) Small scale farmers in Okinawa (2) Activities of women groups in Agricultural Cooperatives 3. Practice: (1) Method of SWOT Analysis (2) Formulation of an Action Plan 3. Presentation and Discussion (1) Job Report (2) Action Plan	IMPLEMENTING PARTNER	Okinawa Prefectural Agricultural Cooperatives
	JICA CENTER	Okinawa International Center
	COOPERATION PERIOD	2006~2010
	REMARKS	

Agricultural Finance in Central Asia and Caucasus 中央アジア・コーカサス地域農業金融		0784028 Agricultural/Rural Development—Agricultural Policy and System Russian	
Target Countries : Central Asia and Caucasus		7 participants /	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
Participants strengthen the ability concerning the planning and implementation of agricultural finance for improvement of farmer's activity with application of knowledge acquired through the course.	Government Official directly involved in planning of agricultural finance or Staff at planning and/or administration section of an implementing agency of agricultural finance (including national or private bank).		
CONTENTS	PROGRAM PERIOD	Oct.2007 ~ Nov.2007	
(1) to understand the outline of agricultural finance system and the role of organizations related to agricultural finance in Japan (2) to understand practical procedures on conducting agricultural finance, (3) to understand the real situation of farmers, farmers' groups and small enterprises which have a loan, and (4) to make an Action Plan to improve the agricultural finance system in each country through analysis of each applicant's problem.	IMPLEMENTING PARTNER	Agriculture, Forestry and Fisheries Finance Corporation	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2006~2007	
	REMARKS	Cooperation Agency: Ministry of Finance	

Organizing Farmers and Roles of Agricultural Cooperatives for Central Asian Countries 中央アジア地域 農民組織化と農協の役割		0784046 Agricultural/Rural Development—Agricultural Policy and System Russian	
Target Countries : Central Asia		12 participants /	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
Participants are expected to grasp the roles of the agricultural cooperatives and agricultural-products distribution systems in Japan through this course. To reach the objective, participants are expected to achieve the following: (1)To understand the methods of organizing farmers cooperatives (2)To comprehend the roles of farmers cooperatives and agricultural associations (3)To grasp the distribution systems of agricultural products in Japan (4)To draw up action plans for their countries	1) Central or local government officers in charge of farmers' cooperatives/ agricultural associations, and executive members of farmers cooperatives. 2) University graduates or equivalent 3) Over 25 and under 40 years of age		
CONTENTS	PROGRAM PERIOD	May.9.2007 ~ Jun.9.2007	
[Lecture] - Outline of agriculture in Japan and Hokkaido - Agricultural policy and law - Farm management - Japan agricultural cooperatives and theory of association - Agricultural credit - Agricultural mutual benefit provisions - Agricultural extension service - Distribution of agri-products [Observation] - Nearby office of Japan agricultural cooperatives - Central wholesale market and supermarket [Others] - Presentation on Country Report and Action Plan - Discussion - Project Cycle Management (PCM) method	IMPLEMENTING PARTNER	Department of Agriculture, Hokkaido Prefectural Government	
	JICA CENTER	Sapporo International Center	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Expected number of participants per country: 3	

Enhancement of Water Users' Associations for Central Asia and Caucasus 中央アジア・コーカサス地域水利組合強化 Target Countries : Central Asia and Caucasus		 0784049 Agricultural/Rural Development—Agricultural Policy and System Russian
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Water users' associations (WUA) to which participants belong can efficiently and effectively distribute agricultural water to farmers' fields through the promotion of WUA activities and enhancement of WUA function, and coordination with governmental organizations concerned with management of main canals, etc.</p>	<p>【Target Organization】 Water Users' Associations (WUA) or Federations/Unions of WUA, managing beneficiary area and beneficiary farmers in "Model Areas".</p> <p>【Target Group】 Heads or Secretary Generals of WUA, working in water management and facility management and guidance to beneficiary farmers in target organizations.</p> <p>* Target organizations should exist and be in action in "Model Areas" designated in each country. Azerbaijan: К ю р д а м и р с к и й р а й о н . Kazakhstan: М а х т а а р а л ь с к и й р а й о н Ю ж н о - К а з а х с т а н с к о й о б л . Kyrgyzstan: Н о о к е н с к и й р а й о н Ж а л а л а б а т с к о й о б л . Tajikistan: Д ж и л и к у л ь с к и й р а й о н Х а т л о н с к о й о б л . Uzbekistan: Т а ш к е н т с к а я и С ы р д а р ь и н с к а я о б л а с т и .</p>	
CONTENTS	PROGRAM PERIOD	May.2007 ~ Jun.2007
<p>Preparatory phase: 1 Making Inception Report (1) Capacity assessment (analysis and identification of the facing problem) (2) Utilization plan of training achievements/results in Japan on activating the WUA</p> <p>Program in Japan: Compiled achievements/results : Interim Report (including Action Plan and Technical Report) 1 Irrigation Water System Irrigation system, outline of water management, coordination between government and WUA 2-1 Land Improvement District Establishment of WUA, law and regulation for WUA, organization and management system of WUA 2-2 Operation of WUA Budget and accounting, operation of facility, daily work with beneficiary farmers, management committee 3-1 Maintenance of Facility Water fee and burden on farmers, maintenance system of facilities 3-2 Irrigation on Upland Field Practice on upland irrigation, canal flow observation 4 Making Action Plan Rural society, farmers organizations, PRA, PCM workshop</p> <p>Post-Training activities: 1 Authorization and implementation of Action Plan made in Japan 2 Making Progress Report</p> <p>Post-Training program: 1 Remote seminar on evaluation of the Progress Report 2 Making Final Report and extended Action Plan (for selective follow-up cooperation)</p>	IMPLEMENTING PARTNER	Japan Green Resources Agency
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	Expected number of participants per country : 2

Planning and designing of Agricultural Statistics for Agricultural Policy Making 農業政策立案のための農業統計企画・設計		 0780046 Agricultural/Rural Development—Agricultural Policy and System English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
To promote capacity development to solve problems in target organizations, participants are expected to improve the knowledge of ① planning and designing of agricultural statistics, and ② making of agricultural policy / food security policy and the plan.	【Target Organizations】 Ministry in charge of agricultural policy administration (cf. Ministry of Agriculture) In that Ministry, the Bureau in charge of ①Agricultural statistics implementation, or ②Agricultural policy and/or food security policy making 【Target Group】 Deputy managers/specialists on the above Bureau	
CONTENTS	PROGRAM PERIOD	Jul.2007 ~ Sep.2007
Preparatory phase: 1 Making Inception Report (1) Capacity assessment (analysis and identification of the facing problem) (2) Utilization plan of training achievements/results in Japan for promoting agricultural and rural development Program in Japan: Compiled achievements/results : Interim Report as below terms: 1. Making an agricultural policy / food security policy and plan for sustainable agricultural development 2. Development of agricultural statistics for making agricultural policy / food security policy and the plan 3. Planning, designing and implementation of agricultural census and sample survey in accordance with each country's situation 4. Rapid and efficient method for agricultural statistics (GIS, Remote sensing, etc.) 5. Action plan making for making of agricultural policy / food security policy in use of agricultural statistics Post-Training activities: 1 Authorization and implementation of Action Plan made in Japan 2 Making Progress Report Post-Training program: 1 Remote seminar on evaluation of the Progress Report 2 Making Final Report and extended Action Plan (for selective follow-up cooperation)	IMPLEMENTING PARTNER	Under planning
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

The Course for IT System Techniques for Agriculture 農業のITシステム化技術		0780220 Agricultural/Rural Development—Agricultural Policy and System English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
This course aims to foster human resources contributable to agricultural development in their countries by having people who engage in agricultural information understand the functions of agricultural information systems and be able to process information, especially with a spreadsheet and database. To attain the objective, participants are expected to achieve the following: (1) To understand the functions and benefits of agricultural information network systems, based on the example of the active utilization of computer networks (2) To acquire database architecture skills concerning the agriculture and livestock industry, using Microsoft Access. (3) To acquire data processing and data analysis skills, using Microsoft Excel.	(1) Individuals who have positions in official institutions, and who collect and process agricultural data such as that concerning weather conditions, soil analysis, and planting conditions using computers and provide them for people related to agriculture with three years of experience in this field. (2) To possess basic computer skills, sufficient experience in information processing through the use of spreadsheet software, and have a deep interest in computer programming.		
CONTENTS	PROGRAM PERIOD	Jan.20.2008 ~ Apr.19.2008	
Preparatory phase: To submit a Job Report which includes an introduction of work, problems faced in the participant's country, fields of particular interest, reasons, and individual tasks Program in Japan: (1) Outline of agricultural related information processing: Information security and the operation and management of systems, local area network system, etc. (2) Acquiring individual database architecture by Access. (3) Excel VBA coding, data-file processing techniques and individual tasks. To make a concrete Action Plan which describes the project objectives, outputs, major activities, etc. after returning.	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine FUJITSU HOKKAIDO SYSTEMS, LIMITED	
	JICA CENTER	Obihiro International Center	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Zero Emission-Type Agriculture & Environmental System for Rural Areas ゼロ・エミッション型農業・農村環境システム Target Countries : Arid and semi-arid areas are excluded		0780758 Agricultural/Rural Development—Agricultural Policy and System English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
To develop human resources who are able to operate applicable zero emission-type agriculture and environmental systems for rural areas in terms of both systems and technologies To attain the objective, participants are expected to achieve the following: (1) To understand environmental problems related to agricultural and rural activities, and the importance of zero-emission type agriculture and rural environmental systems (2) To understand the technology and systems related to the reproductive exploitation of resources caused by agricultural and rural activities and the utilization of natural energy (3) To clarify the present situation, challenges, etc. regarding environmental problems related to agricultural and rural activities in participants' own countries, and prepare action plans concerning the introduction of applicable zero-emission type agriculture and rural environmental systems in their own countries	(1) Officers in official institutions who are engaged in dealing with environmental problems caused by agricultural and rural activities (2) Individuals with more than three years of experience in the above-mentioned field		
CONTENTS	PROGRAM PERIOD	Feb.11.2008 ~ Apr.10.2007	
Preparatory phase: To submit a Job Report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason, as well as a questionnaire Program in Japan: This program consists of lectures, discussions and observation on the following subjects: (1) Theory of establishing a zero-emission type society, Present condition of environmental degradation caused by agricultural activities and countermeasure, Sustainable agricultural production and biological control (2) Introduction to biomass, Utilization of recycled and natural energy and its effects, Effective use of biogas by livestock waste, Systems and policies in Japan (3) Recognizing problems and formulating an action plan to be implemented in participants' countries	IMPLEMENTING PARTNER	Obihiro university of agriculture and veterinary medicine	
	JICA CENTER	Obihiro International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS		

Plant Variety Protection 植物品種保護		0780924 Agricultural/Rural Development—Agricultural Policy and System English 9 participants /	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
The main objective of this program is to strengthen the implementation of the Plant Breeders' Rights system under UPOV in each country, taking into account the environment of the countries. To reach the objectives, participants are expected to achieve the following: (1) To understand the outline of plant variety protection (plant breeders' rights) system under UPOV and the Japanese System (2) To learn the Japanese way of examining applied plant varieties for registration of plant variety protection (3) To learn how to set up test guidelines used for the examination	(1) Staff who is engaged or supposed to be engaged in plant variety protection (2) University graduate or equivalent academic background (3) Age: 30-45 years old		
CONTENTS	PROGRAM PERIOD	Aug.21.2007 ~ Nov.10.2007	
This program consists of lectures, practical exercises, study tours, presentations and discussions. It mainly covers: (1) Outline of the plant variety protection system (Outline of the PBR system in Japan, Outline of the UPOV system, Ordinance of PBR in the legal bases, Implementation of the PBR system in developing countries and its application for facilitating the market economy, International harmonization of the PBR system, etc.) (2) Examination of applied plant varieties (Outline of the DUS test, Growing test, On-site inspection, Documentary examination, Simulation of applied plant variety for PBR registration, etc.) (3) How to set up test guidelines (UPOV and the Japanese protocol of making test guidelines, making test guidelines based on each country's preference, etc.)	IMPLEMENTING PARTNER	NATIONAL CENTER FOR SEEDS AND SEEDLINGS	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

The Role of Agricultural Cooperatives to be Played in Activation of Rural Economy 農村経済活性化に果たす農協の役割		0780969 Agricultural/Rural Development—Agricultural Policy and System English 13 participants /	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
Participants are expected to make practical action plans to promote the movement of organizing agricultural cooperatives, to strengthen their operational and managerial capacities, and/or to incorporate the activities of agricultural cooperatives into agricultural policies to activate rural economies. To reach the objective, participants are expected to achieve the following: (1) To learn how to establish the basis of or to strengthen agricultural cooperatives (2) To learn how to improve the business activities of agricultural cooperatives by understanding the main business systems of Japanese agricultural cooperatives (3) To study the activities to be conducted by agricultural cooperatives for revitalizing rural economies (4) To learn how to improve the policy for promotion of agriculture and agricultural cooperatives (5) To make an action plan or policy to promote agricultural cooperatives by using a methods such as PDM	(1) University or professional school graduates currently capable of managing projects at the offices of cooperative service (2) Expected to work in the cooperative movement for at least 5 years after attending the program (3) Age: Under 45 years old		
CONTENTS	PROGRAM PERIOD	May.9.2007 ~ Jul.13.2007	
This program consists mainly of lectures and discussions with more than 30% of its program being allocated to field trips. The main topics covered are: 1) History and development of agriculture and agricultural cooperatives 2) Organizations and business activities of agricultural cooperatives 3) Farm guidance by agricultural cooperatives 4) Distribution of agricultural products and purchasing and marketing businesses, etc.	IMPLEMENTING PARTNER	THE INST.FOR THE DEV'T OF AGRICULT'L COOP. IN ASIA	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The capacities of the participants to promote the agricultural extension service in their own countries by planning efficient extension programs and implementing the training programs for agricultural extension officials as well as field workers are developed.</p> <p>To reach the objective, participants are expected to :</p> <ol style="list-style-type: none"> 1. Write a JOB REPORT by identifying and analyzing the problems as individual, as institutional and in the responsible region 2. Acquire following methodologies through lectures, discussions or observations: <ol style="list-style-type: none"> (a) the outline and principles of extension service (its structure, background, process behind agricultural improvement and status of administration & management of extension services in Japan), (b) the methods of progress management and evaluation of extension services, (c) the methods of extension planning, management and making of extension programs, (d) the method of training for extension personnel, (e) the method to identify problems and tasks by analyzing the state of extension services in their own countries 3. Make a technical report and an action plan integrating the knowledge and experiences gained from the training program 	<ol style="list-style-type: none"> (1) Public management executives in charge of agricultural extension service in national or local government including extension offices (2) Management executives concerned with the education of workers in training organizations (3) Under 50 years old and a university graduate or with equivalent academic background 	
CONTENTS	PROGRAM PERIOD	May.22.2007 ~ Aug.4.2007
<p>The following subjects are included in lectures, discussions and observation tours</p> <ol style="list-style-type: none"> (1) Background of Extension Programs , Outline of Agricultural Improvement and Extension Programs (2) Principles and Methods of Extension Activities, Various Extension Methods and classification, Evaluation Method of Extension Activities (3) Extension Planning, Extension Management, Making Extension Programs (4) Management of Extension Staff, Outline of Extension Staff and Planning of Training (5) Application of the Training in Participants' Own Countries 	IMPLEMENTING PARTNER	Japan Agricultural Development And Extension Association
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	

GIS(Geographic Information System) Technology for Sustainable Management of Natural Resources and Agricultural Production GIS (地理情報システム) による天然資源・農産物の管理		0780987 Agricultural/Rural Development—Agricultural Policy and System English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>[Objective] To promote the dissemination of FOSS (Free and Open Source Software) GIS to participants' countries in order to facilitate its use for the management of natural resources and agricultural production.</p> <p>[Expected Results] To reach the objectives, participants are expected to achieve the following: 1. To acquire basic theory and techniques of FOSS (GRASS, Mapserver and others) 2. To obtain techniques to apply GIS through case study 3. To learn the practical application of GIS in Japan for the sustainable management of natural resources and agricultural production 4. To make an Action Plan to improve the management of natural resources and agricultural production by using GIS</p>	<p>[Organization] (1) Central or local governments in charge of policy-making for sustainable management of natural resources and/or agricultural production; (2) Universities and institutes of agricultural sciences</p> <p>[Group] (1) In a position to disseminate GIS technology (2) Individuals belonging to one of the following groups with over 5 years of experience: A: University staff/institute researchers in the field of agricultural sciences, who are engaged in teaching or research on the sustainable management of natural resources B: Officials engaged in policy-making for the above-mentioned field (3) Individuals with some experience of using GIS, but not experts (4) Individuals with a sufficient command of speaking and writing English (5) Individuals with at least an elementary level of computer literacy (6) Individuals under forty (40) years of age</p>	
CONTENTS	PROGRAM PERIOD	Aug.13.2007 ~ Sep.20.2007
<p><Preparatory Phase> 1. Creation of a Country Report describing the current situation of the related field in one's own country 2. Creation of a Job Report describing one's own responsibility in the respective organization 3. Submission of a Questionnaire describing the current situation of using GIS at one's organization</p> <p><Program in Japan> 1. Introduction to GIS for the sustainable management of natural resources and agricultural production 2. Basic theory of GIS: Concept of GIS (data structure, how to generate GIS data) and Generation of evaluation maps for land utilization by GRASS 3. How to manipulate the Linux-GRASS: Construction of GIS system (GRASS-Commands Operation) 4. Basic theory of Remote Sensing and its application: Data processing technology of remote sensing data 5. Spatial data sharing using Free and Open Source Software (FOSS) 6. Case Study 7. Application of GPS to GIS - GPS with GRASS 8. Application of GIS to the management of natural resources and agricultural production 9. Field Visit</p> <p><Post-Program Activities> After the participants' return (1) To Report on the Action Plan to the respective supervisors and organizations (2) To submit a Progress Report describing the progresses and/or results in realizing the Action Plan</p>	IMPLEMENTING PARTNER	Nagoya Univ. Int'l Agric. Research Cooperation C.
	JICA CENTER	Chubu International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	

Plant Quarantine (Mekong Region) 植物検疫 (メコン地域) (19年度休止)		0784022 Agricultural/Rural Development—Agricultural Development 8 participants / English	
Target Countries : Asia			
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
Facilitate the standardization of plant quarantine procedures within the region by teaching the basic knowledge, necessary for establishing a unified quarantine system, to the officers in charge of plant quarantine in each participant country and by developing a common understanding among them.	Personnel from policy-making agencies or research institutions in charge of plant quarantine.		
CONTENTS	PROGRAM PERIOD	No service in 2007	
Learn about the Japanese plant quarantine system. Share the present conditions of plant quarantine in each country to develop a common understanding. Formulate an action plan for developing an optimum quarantine system for each country during the workshop.	IMPLEMENTING PARTNER	MAFF	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2006~2008	
	REMARKS		

Regional Workshop on Avian Influenza Control for Asian Countries アジア地域 鳥インフルエンザ防除対策ワークショップ		0784025 Agricultural/Rural Development—Agricultural Development 13 participants / English	
Target Countries : Asia			
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
To clarify important issues regarding planning and implementation of AI control measures from the scientific perspective and implement appropriate AI control measures in each country. To reach the objective, participants are expected; (1) To reconfirm the principle of AI control measures (2) To reconfirm practical techniques for diagnosis and control of AI and understand the appropriate use of control measures (3) To understand the AI control system in Japan (4) To examine the appropriate plans for AI control in participants' countries	Virology/avian disease experts responsible for virus diagnosis of AI and other zoonotic diseases at national animal research institutes or equivalent research institutions, who are qualified as veterinarians.		
CONTENTS	PROGRAM PERIOD	Jan. 2008 (Under planning)	
Contents are under planning. Tentative curriculum: 1. Lectures: - Priority issues of AI control measures - Necessary resources for AI control and practical usage of them - Systems development for providing proper and reliable diagnosis of the virus - Development of human resources for virus diagnosis and utilization of man power for disease control system - Biosafety - Expansion of human infection of AI and pandemic threat of new type of influenza 2. Practical exercises: Virus isolation, rapid diagnosis (RT-PCR), biosafety, subtyping 3. Discussions: - Country report presentation - Preparation and presentation of an action plan	IMPLEMENTING PARTNER	Hokkaido University Research Center for Zoonosis Control	
	JICA CENTER	Sapporo International Center	
	COOPERATION PERIOD	2006~2008	
	REMARKS	This course is intended for veterinarians, and NOT for medical doctors.	

Participatory Irrigation Management System for Paddies for Asian Countries アジア地域 農民参加型用水管理システム Target Countries : Asia		0784116 Agricultural/Rural Development—Agricultural Development 6 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>Participants will visit and practically learn about water user's associations (Land Improvement Districts: LID) which have been organized and operated by local farmers. These observations and lectures will contribute to strengthening and improving farmer's organization in participant's countries/areas.</p> <p>To reach the objective, participants are expected to achieve the following: (1) To understand procedures for organizing farmers' associations (2) To understand government interactions assisting farmers (3) To acquire appropriate techniques for operation and maintenance of irrigation systems (4) To understand user fees, finance and subsidiaries of the costs for operation and maintenance</p>	<p>(1) Administrative or technical personnel from central government engaged in planning and policy-making concerning irrigation management, or administrative personnel or technicians from local government engaged in irrigation projects such as construction projects and management projects or organizing water management association (2) Individuals with at least 3 years at practical work experience (3) Age: 25-45 years old</p>		
CONTENTS	PROGRAM PERIOD	May.22.2007 ~ Jul.21.2007	
<p>This course covers the following topics: (1) Observations and Lectures: a) Grasp of Land Improvement District b) History of agricultural policy and agricultural water management in Japan c) Water resource, water right, irrigation planning in Japan and LIDs d) Management of LIDs and cost-sharing between farmers and government e) Operation and maintenance of irrigation facilities in LIDs f) Japan Agricultural Cooperatives System (2) Practices: a) Practicing irrigation system of LID b) Farmwork and staying with a farming family (3) Others: a) Presentation of a Country Report b) Preparation and presentation of an Action Plans c) Discussion</p>	IMPLEMENTING PARTNER	Taisetsu Land Improvement District	
	JICA CENTER	Sapporo International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Expected number of participants per country: 2	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<ul style="list-style-type: none"> ・ Los participantes adquiriran las tecnicas de agricultura sostenible y las metodologias de su extension para los pequenos productores, en consideracion al medio ambiente y al aprovechamiento de recursos organicos de la zona, asi mismo construiran una Red para promover la aplicacion continua de las tecnicas. ・ Estableceran el sistema de monitoreo de las actividades posteriores, a traves de la ejecucion del Plan de Accion (programa de extension de tecnicas y conocimientos) para solucionar los problemas de las organizaciones y las zonas de actividad de los participantes, utilizando la Red a construir. 	<p>(1) Epecialistas dedicados a la extension agricola como actividad principal, instructores de los centros de capacitacion, extensionistas agricolas, ingenieros agronomos o agrotecnicos pertenecientes a ONG's que realicen transferencias tecnicas de la agricultura organica dirigidas a los grupos de pequenos productores del area y personas encargadas de la formacion e instruccion de estos extensionistas</p> <p>(2) Productores lideres con un mimimo de 2 anos de experiencia practica en actividades grupales de la agricultura organica</p>	
CONTENTS	PROGRAM PERIOD	Ju l .2.2007 ~ Oct.5.2007
<p>(1) Elaboraran el Informe del Trabajo a traves de la extraccion y analisis de los problemas propios. (2) Adquiriran las siguiente tecnicas y metodologias para la solucion de problemas: A) Pueden evaluar la capacidad y potencial del sistema y organismo de extension y de los grupos de agricultores objetivos de los respectivos paises, ademas de determinar sus problemas. B) Adquiriran los conocimientos de la extension agricola mediante la asistencia a los grupos, y discutirán sobre el sitema de extension de las tecnicas de agricultura sostenible en apoyo a los pequenos agricultores C) Aprenderan los conceptos y las tecnicas particulares de la agricultura organica, incluyendo el uso efectivo de recursos organicos locales, para estudiar la administracion agricola sostenible a bajo costo que se adapte a cada pais y/o region. D) Adquiriran las ideas y metodologias para fomentar el acceso al mercado y el desarrollo tecnologico de los grupos de productores, con el fin de promover la agricultura organica. (3) Aprenderan las metodologias de elaboracion del Plan de Accion</p>	IMPLEMENTING PARTNER	Tsukuba International Center
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2006~2008
	REMARKS	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Participants shall make irrigation plans in accordance with farming plans of upland crops and establish guidance and support systems for the on-farm irrigation and water management techniques to for farmers, in consideration of efficient water use.	<p>【Target Organization】 Central or regional governments including bureaus or departments related to implementation and/or extension of irrigated agriculture</p> <p>【Target Group】 The first 1 year: Technical officials in charge of technical guidance or extension work on irrigated agriculture The latter 2 years: Technicians related to experiments or demonstrations of irrigated agriculture on farms.</p>	
CONTENTS	PROGRAM PERIOD	
Preparatory phase: 1. Making Inception Report (1) Capacity assessment (analysis and identification of the facing problem) (2) Utilization plan of training achievements/results in Japan on extension of water saving techniques Program in Japan: Compiled achievements/results: Interim Report (including an Action Plan and a Technical Report) 1. Water Resources and Irrigation Facilities Development, planning and utilization of farm ponds and underground dams 2-1. Irrigation Plan Outline of irrigated agriculture, irrigation water plans, irrigation plans and farming plans, irrigation and environment 2-2. On-farm Water Management Practice of irrigation and water management techniques (including water saving techniques) 3. Water Users' Associations Land improvement district, operation and management of water facilities, burden of water fees 4. Organization and System for Extension of Irrigated Agriculture Outline of the extension system, the method of field guidance and agriculture cooperatives 5. Making of the Action Plan Post-Training activities: 1. Authorization and implementation of the Action Plan made in Japan 2. Making of the Progress Report Post-Training program: 1. Remote seminar on evaluation of the Progress Report 2. Making of a Final Report and an extended Action Plan (for selective follow-up cooperation)	IMPLEMENTING PARTNER	Sep.2007 ~ Nov.2007
	JICA CENTER	Under planning
	COOPERATION PERIOD	Tsukuba International Center
	REMARKS	2007~2009
As supplementary program, third country training on appropriate techniques will be conducted for the participants in the latter 2 years.		


Upland Rice Variety Selection Techniques for Sub-Sahara Africa サブ・サハラアフリカ陸稲品種選定技術		0784019 Agricultural/Rural Development—Agricultural Development 8 participants / English	
Target Countries : Africa			
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The objective of this program is to enable participants to evaluate varieties of upland rice including NERICA, and to select the best adapted varieties for the respective countries.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To acquire fundamental knowledge in the theory and practice of cultivation and management techniques of upland rice</p> <p>(2) To obtain fundamental knowledge in varietal evaluation and selection in upland rice</p> <p>(3) To acquire fundamental knowledge in the maintenance and multiplication of the breeder's seed and basic seed paddy</p> <p>(4) To make an action plan for the rice varietal selection</p>	<p>(1) Officers of agricultural research institutes with the practical occupational experience of more than two years, or researchers at the university and/or staff of NGO who engage in development and extension activities of rice cultivation techniques with practical occupational experience of more than two years</p> <p>(2) Age : 25 - 50 years old</p>		
CONTENTS	PROGRAM PERIOD	Jul.22.2007 ~ Oct.19.2007	
<p>This program consists of three major components: lectures, experiments and field practices, and study tours.</p> <p>The major contents are as follows:</p> <p>(1) Cultivation and management techniques Physiology and plant nutrition, Rice morphology, Rice cultivation technology, Crop growth diagnostic techniques, Soil and fertilizer management, etc.</p> <p>(2) Varietal evaluation and selection Field techniques in varietal selection, Varietal characteristics and observation procedures, Evaluation of disease resistance, etc.</p> <p>(3) Maintenance and multiplication Seed production system in Japan, Preservation and maintenance of breeder's seed, Basic and Certified seed production technology, etc.</p> <p>(4) Field Program After the program in Japan, field program will be implemented at IRRI in the Philippines.</p>	IMPLEMENTING PARTNER	Tsukuba International Center, JICA	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2006~2008	
	REMARKS	Through this course, JICA hopes to foster participants who can contribute toward promoting upland rice cultivation including NERICA in their countries.	

Improvement and Modification of Agricultural Machinery for Africa アフリカのための農業機械改良技術		0784194 Agricultural/Rural Development—Agricultural Development 8 participants / English	
Target Countries : Africa			
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>To foster human resources who are able to repair and develop agricultural machines which are fit for cultivation method applying materials, parts and implements in participants' countries through understanding of principles of mechanism</p> <p>(1) To understand the efficient introduction and method of diffusion on agricultural mechanization and service system in rural area</p> <p>(2) To acquire mechanism and improvement, and repair techniques of agricultural machinery and countermeasures to its troubles and method of testing and evaluation for agricultural machinery</p> <p>(3) To learn improvement techniques for agricultural machines which fit for cultivated method to each country for efficient agricultural production</p>	<p>【Target Organizations】</p> <p>① Ministry of Economy, Trade and Industry (Ministries in charge of instruction and supervision of development, repair of agricultural machines and blacksmith industry)</p> <p>② Ministry of Agriculture, Forestry and Fisheries (department of diffusion of agricultural machines, agricultural experiment station, agricultural cooperatives)</p> <p>③ Universities/research institutes, etc.</p> <p>【Target Group】 Technicians for agricultural machines, such as agricultural extension officers with more than three years experience</p>		
CONTENTS	PROGRAM PERIOD	Jan.8.2008 ~ Mar.7.2008	
<p>Preparatory phase: To submit a job report which includes an introduction of work, problems faced in the participant's country: detail information on agricultural machines which should be improved, and particular interest and reason.</p> <p>Program in Japan: This course consists of lectures, practical exercises, observation and discussion.</p> <p>(1) Theory of agricultural machinery, Service system for agricultural machines, Diffusion of techniques for machine maintenance, inspection and service to farmers</p> <p>(2) Basic techniques of agricultural machinery, Repair, service and modification techniques, Method of testing and evaluation for agricultural machinery, Safety measures and working condition</p> <p>(3) Improvement techniques of agricultural machines, Machinery design method (guidance for making plans of developed machines and drawing up instruction/operating manual)</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine /Tokachi Industry Promotion Center	
	JICA CENTER	Obihiro International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Implement monitoring by questionnaire about diffusion and effects of the program after returning.	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Advanced researchers are fostered in the field of research of protozoan diseases to improve the skills and competence of participants who are primarily responsible for laying the foundation for development control measures against diseases in their respective countries. To reach the objective, participants are expected to achieve the following: (1) To be able to carry out basic research in vitro on particular zoonotic diseases in their respective countries (2) To be able to share the knowledge, skills and technologies obtained in Japan with other staff members in their respective countries (3) To lead actively and participate in the program for applying effective control measures, including improvement of the control strategy (4) To become more cognizant and familiar with the fundamentals and progress of major protozoan diseases as well as zoonoses</p>	<p>[Target Organizations] Private or public institutions</p> <p>[Target Group] 1) Holders of Bachelors or Masters of Science or graduates of veterinary medicine or medical science 2) Individuals with more than 3 years of experience in the above organizations 3) Age: Under 35 years old 4) Individuals engaged in research on animal or human protozoans, food-borne influenza and prion, and willing to work toward completion of the training program</p>	
CONTENTS	PROGRAM PERIOD	Oct.28.2007 ~ Aug.30.2008
<p>Preparatory phase: To submit a Job report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and reason. Program in Japan: This course mainly covers the following themes. After lectures on common subjects, all participants are attached to a suitable research laboratory in one of the following fields in accordance with the purpose and specialty of each participant: (1) Functional genomics (2) Disease control (3) Molecular vector-arthropodology (4) Molecular diagnosis (5) Advanced preventive medicine (6) Food-borne diseases (7) Emerging and re-emerging diseases Participants will make a mid-term report and final report on the research subject in each unit. Post-Program Activities: To submit a report of output.</p>	IMPLEMENTING PARTNER	OBIHIRO UNIV. OF AGRICULT. & VETERINARY MEDICINE
	JICA CENTER	Obihiro International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>A diploma will be awarded by the Obihiro University of Agriculture and Veterinary Medicine at the end of the course.</p>

Upland Cereal Crops Management for Extension Officers in Asia and Africa アジア・アフリカ地域畑地帯農業管理普及職員 Target Countries : Asia and Africa		0784193 Agricultural/Rural Development—Agricultural Development 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>To foster human resources capable of solving the problems efficiently in the agricultural areas in Asia and Africa by acquiring effective methods of agricultural extension and cultivation techniques.</p> <p>To attain the objective, participants are expected to achieve the following:</p> <p>(1) To learn about efficient crop cultivation management and techniques (2) To learn about efficient methods and systems for extension service (3) To sort out regional issues on crop cultivation promotion in their countries, and to be able to formulate solutions through planning implementation methods for technology dissemination</p>	<p>(1) Technical staff engaged in agriculture and research development who are instructing farm households directly about upland cereal crops (mainly wheat, potatoes and beans) and will be able to provide technical support and guidance after returning home. (Excluding both researchers of universities and administrative officers) (2) Individuals with more than three years experience in this field and not be a pregnant because the program includes field works</p>		
CONTENTS	PROGRAM PERIOD	Jun.3.2007 ~ Aug.1.2007	
<p>Preparatory phase: To submit a Job Report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason, as well as a questionnaire.</p> <p>Program in Japan: During this course, participants should acquire the following:</p> <p>(1) Crop cultivation management (simple soil analysis, water saving and irrigation techniques, organic production), agricultural machinery, farm stay program (2) Cooperation with academic organizations and experimental research institutes, present condition of agricultural extension service, system of agricultural cooperatives and agricultural aid, women's activities in rural areas (3) Topic classification (method of project cycle management), workshop of solving problems (discussion among participants), guidance and discussion on action plan formulation</p>	IMPLEMENTING PARTNER	Agricultural technology center of Obihiro city, Obihiro city public corporation for agriculture promotion	
	JICA CENTER	Obihiro International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS		


Agrobiotechnology アグロバイオテクノロジー		0780003 Agricultural/Rural Development—Agricultural Development 8 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The purpose of the program is to enable experts to make the best use of bio-resources in the field of agrobiotechnology (livestock, higher plants, microorganisms) in which continuous technological innovations and higher applicability are expected in the near future.</p> <p>(1) To understand fundamental principles in biotechnology (2) To understand the general situation of biotechnology and its application (3) To acquire fundamental and experimental methods for biotechnology by screening, identification, molecular breeding and gene manipulation of microorganisms from the environment and type cultures (4) To acquire fundamental and experimental methods for biotechnology by tissue culture, cell fusion, genetic and cellular engineering of animals and plants (5) To obtain a general ability to select suitable biotechniques applicable in each country</p>	<p>Biotechnological officials presently engaged in research in the field of microorganisms, livestock and higher plants</p>		
CONTENTS	PROGRAM PERIOD	Mar.18.2008 ~ Aug.9.2008	
<p>Lectures/laboratory works: General review of biotechnology, clones and propagation of animals and plants, gene mapping by molecular markers in programs for breeding microorganisms, stress response and cellular signal transduction, genetic engineering, screening of immunopotential activities in food components, diagnostic analysis of pathogenic bacteria, bio-remediation of environmental contaminants by microorganisms and their screenings and genetic modifications, conservation and sustainable development</p>	IMPLEMENTING PARTNER	FACULTY OF AGRICULTURE, KOBE UNIVERSITY	
	JICA CENTER	Hyogo International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS		


Pasture Based Livestock Farming Development 草地畜産開発		 0780025 Agricultural/Rural Development—Agricultural Development 6 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The purpose of this training program is to transfer knowledge and skills on pasture based livestock farming to technical officials in charge of the livestock industry in their own countries. Participants are expected to acquire knowledge and skills on various aspects of pasture management and utilization, forage crops production and utilization, animal nutrition and feed, animal feeding management, etc. It should be emphasized that the program will train leading technical experts in charge of rural development through pasture based livestock farming. Through the training program, participants are expected:</p> <ol style="list-style-type: none"> 1. To understand integrated knowledge and skills on pasture based livestock farming, and be able to plan livestock industry development policy suitable for the area condition, 2. To understand pasture management and utilization, and be able to practice and guide suitable pasture management and utilization for the area condition, 3. To understand forage crops production and processing, and to be able to apply the result to the effective utilization of forage crops, 4. To understand nutrition and feed, and to be able to apply the result to designing feeding, 5. To understand animal feeding management, and to be able to practice and guide suitable animal feeding management for the area condition. 	<p>(1) Individuals employed by a public organization and engaged in administration, extension and/or research work in the livestock industry, with at least 3 years of work experience in pasture and forage crops production and management (2) Age: Under 45 years old, (3) University graduates or with equivalent academic background,</p>		
CONTENTS	PROGRAM PERIOD	Apr.11.2007 ~ Aug.18.2007	
<p>This program consists mainly of lectures and practical training given by the NLBC staff and visiting professionals, and trips to study pasture management, forage crops production, etc. The main study and training subjects are as follows:</p> <ol style="list-style-type: none"> (1) Outline of the livestock industry (2) Planning pasture based livestock farming/technical extension (3) Pasture management and utilization (4) Production and utilization of forage crops (5) Seeds production (6) Animal nutrition (7) Feed analysis (8) Animal feeding management 	IMPLEMENTING PARTNER	NATIONAL LIVESTOCK BREEDING CENTER	
	JICA CENTER	Nihonmatsu JOCV Training Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Sustainable Livestock Production System 循環型家畜生産システム		0780042 Agricultural/Rural Development—Agricultural Development 9 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
It aims to give techniques and knowledge, such as the breeding and reproduction of livestock, feeding management of livestock, production and use of grassland and forage crops and application of excreta etc. related to a livestock production system which is friendly to the environment and sustainable. It also aims to foster human resources who play a part in instruction and plan feasible livestock production system within the home countries.	<p>【Target Organizations】 Ministry of Agriculture etc. that are related to livestock production</p> <p>【Target Group】 (1) Those who possess basic knowledge of livestock production systems and are able to plan policies regarding the promotion of livestock production in home countries. (2) Teachers and researchers who work at higher education organizations or research institutions and control education and training for extension staff who diffuse livestock production techniques in the field. (3) Individuals with more than 3 years experience. (4) University graduates or equivalent. (5) Individuals with a sufficient command of English.</p>		
CONTENTS	PROGRAM PERIOD	Jul.29.2007 ~ Sep.26.2007	
<p>Activity before coming to Japan: To submit a Job Report and an Inception Report</p> <p>Activity in Japan: To understand the concept of a sustainable livestock production system, participants will learn the following contents :</p> <p>1) Production techniques that can be introduced into the home countries through the observation of various sustainable livestock production systems in Hokkaido.</p> <p>2) The effective use of livestock waste, processing techniques and environmental conservation techniques.</p> <p>3) Recognize the importance of an information network that crosses borders and learn the diffusion method of the sustainable livestock production system by collecting information efficiently.</p> <p>4) Analyze various problems concerning the livestock production system of the home countries and learn the method to take improvement measures of this system after going home.</p> <p>Activity after going home: To submit a Final Report.</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine	
	JICA CENTER	Obihiro International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Farm machinery and tools developed by participants during the training will be disseminated to small-scale farmers. To reach the objective, participants are expected to achieve the following:</p> <p>1.</p> <p>(1) To clarify the problems on using farm machinery in their respective rural areas</p> <p>(2) To learn the methods of design manufacturing, and evaluation of performance</p> <p>(3) To manufacture appropriate machinery and tools.</p> <p>(4) To formulate an interim report (action plan) to solve the problems in their respective rural areas</p> <p>2. After returning to their home countries, participants will manufacture and disseminate the appropriate machinery prior to the review of the interim report.</p>	<p>(1) Leaders of farmers' groups, technicians for farm machinery production in rural areas, agricultural extension workers, government officers, researchers, and instructors in rural development</p> <p>(2) Organize a workshop for producing farm machinery</p> <p>(3) Expect to continue the rural development after the training</p> <p>(4) University graduates or equivalent</p> <p>(5) Age: 25-45 years old</p>	
CONTENTS	PROGRAM PERIOD	Feb.10.2008 ~ Oct.18.2008
<p>Preparatory phase Create an inception report of their study describing the following items in the rural area:</p> <p>(1) The problems on using farm machinery in their own workplace and/or the rural area of their responsibility</p> <p>(2) Tentative analysis for solving identified issues (from the viewpoint of agricultural productivity and reduction of workload for women & youth labor)</p> <p>(3) Availability of facilities for farm machinery production such as machine tools, materials, workshop and relevant conditions</p> <p>Program in Japan</p> <p>(1) Analyze the problems of farm machinery utilization</p> <p>(2) Fabricate farm machinery and tools</p> <p>(3) Interim report (action plan) description</p> <p>After participants' return</p> <p>(1) The actions described in the interim report are reviewed, authorized and implemented.</p> <p>(2) The results of the actions taken by the organization and the program participant are reported as a final report 6 months after return.</p> <p>Lectures: Rural development, extension method of agricultural techniques, mechanization planning, mechanisms and operation of farm machinery in Japan, introduction of appropriate mechanization, designing of tools, etc.</p> <p>Practice: Rice production systems, manufacturing, testing & evaluation for farm machinery</p> <p>Observations: Manufacturers & farm machinery</p>	IMPLEMENTING PARTNER	TSUKUBA INTERNATIONAL CENTRE, JICA
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>JICA will implement a survey on the activities undertaken by participants. Reports sent by participants are considered as final reports.</p>

Sustainable Management of Irrigation and Drainage Project かんがい排水プロジェクトの持続的管理		0780200 Agricultural/Rural Development—Agricultural Development 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>By the irrigation and drainage project implemented by the organization to which participants are belonging, agricultural water has been rationally, effectively and sustainably distributed to farmers' field. To reach the objective, participants are expected to achieve the following outputs:</p> <p>(1) The relation between farming plans and irrigation plans is logically adjusted based on the understanding of the importance for irrigated agriculture and cultivation techniques. (2) Basic water management techniques to plan and conduct efficient irrigation management, and water circulation including drainage are systematically arranged. (3) The functions of each facility in the total irrigation system are coordinated, and by identifying problems in the total irrigation system, an efficient water management system is arranged. (4) Sustainable and systematic water management techniques are understood, and techniques for maintaining and rehabilitating irrigation facilities are established for smooth water management. (5) Through an integrated understanding of the promotion, enhancement and management of the organizations concerned with water management and facility management, an irrigation plan is made from a general view of irrigated agriculture including institutions and policy, as well as the method of guiding officers and farmers.</p>	<p>[Target Organizations] Central government or local government which is implementing irrigation and drainage projects for paddy fields or upland fields</p> <p>[Target Group] Project managers on site in central government (with at least 5 years of experience and under 45 years old), or irrigation engineers in local government (with at least 5 years of experience and under 45 years old)</p>		
CONTENTS	PROGRAM PERIOD	Jun.26.2007 ~ Nov.23.2007	
<p>Preparatory phase: 1 Making Inception Report (1) Capacity assessment (analysis and identification of the facing problem) (2) Utilization plan of training achievements/results in Japan for promoting irrigated agriculture</p> <p>Program in Japan: Compiled achievements/results : Interim Report (including an Action Plan and a Technical Report) To maintain the sustainability of the irrigation and drainage project, in terms of: (1) Basic knowledge of the irrigated agriculture and basic techniques of irrigation and drainage (2) Techniques of water management and facility maintenance (including repair and restoration) (3) Development of origination and system for water management and facility management</p> <p>Post-Training activities: 1 Authorization and implementation of the Action Plan made in Japan 2 Making of a Final Report and extended an Action Plan (for selective follow-up cooperation)</p>	IMPLEMENTING PARTNER	TSUKUBA INTERNATIONAL CENTER, JICA	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Veterinary Technology for Farm Animals 産業動物の獣医技術		 0780213 Agricultural/Rural Development—Agricultural Development 7 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
The level of participants' knowledge and techniques of veterinary medicine (mainly for cattle) will be improved. To reach the objective, the participants are expected to achieve the following: (1) To improve clinical techniques of diagnosis and treatment (internal medicine, surgery and reproduction) of frequent diseases of farm animals (mainly cattle) (2) To improve control measures against infectious diseases and herd infection (3) To learn about sanitation management such as meat inspection, food sanitation and veterinary public health for supply of safe animal products (4) To learn about veterinary administration in Japan, present situation of educational research and role of veterinarians in animal husbandry	(1) University graduates in veterinary medicine and those qualified as veterinarian (2) Leading veterinarians who handle farm animals (mainly cattle) (3) At least 5 years of practical experience		
CONTENTS	PROGRAM PERIOD	Aug.14.2007 ~ Nov.17.2007	
Preparatory Phase: Present job activities and issues concerning farm animals are described in the job report Curriculum in Japan: (1) Lectures: - Veterinary administration in Hokkaido and Japan, - Feeding management, - Embryo transfer, - Internal medicine, surgery and reproduction of farm animals, - Prevention and control of mastitis in cattle, - Livestock sanitation, - Prevention and control of infectious and parasitic diseases, - Public health, (2) Practical exercises: - Medical examination techniques and nutrition management guidance for cattle, - Clinical examination and treatment (internal medicine, surgery and reproduction) of farm animals, - Bacteriological examination, diagnosis and treatment of mastitis, - Examination and diagnosis of infectious diseases, - Diagnostic techniques of zoonotic diseases, - Meat inspection, - Writing action plan, etc. (3) Observations: - Dairy farms, - Veterinary clinic and small animal clinic, - Meat inspection office, - Livestock hygiene service center, - Facilities related to livestock, - Educational and research institutions, etc.	IMPLEMENTING PARTNER	HOKKAIDO VETERINARY MEDICAL ASSOCIATION	
	JICA CENTER	Sapporo International Center	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Cattle Artificial Insemination Extension System 牛人工授精普及システム		 0780714 Agricultural/Rural Development—Agricultural Development 10 participants / English	
Target Countries : Countries with a meat cattle industry			
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
The purpose of this program is to provide participants with basic knowledge and practical techniques coupled with the latest information on cattle production, related improvement technology, semen production, artificial insemination, genetic improvement method, extension system, and artificial insemination planning and thus to assist them in designing their own systems in their respective countries. Through the training program, participants are expected: 1. To gain thorough understandings of extension system of cattle AI to be able to plan and design the extension systems in the respective countries, 2. To understand the reproduction of female cattle to be able to practice the AI and the pregnancy diagnosis, 3. To understand the feeding management of female cattle to apply the acquired knowledge to the improvement of reproduction, 4. To understand the dilution and freezing of cattle semen to be able to practice the process from semen collection to semen freezing, and 5. To understand the theories of genetic improvement in cattle to be able to set up targets for the improvement in the respective countries.	Be engaged in administration, research and/or extension works in the livestock industry, holding a veterinarian's license or artificial inseminator's license. University graduate or equivalent academic background and practical experience. Under 40 years old in principle.		
CONTENTS	PROGRAM PERIOD	May.23.2007 ~ Aug.18.2007	
The program will consist mainly of lectures and practical training, in which the NLBC staff and visiting professionals will provide expertise and instruction on the respective subjects. This will be supplemented by observational trips to related agencies and institutions. The major subjects are as follows: (1) Outline of the livestock industry (2) Technical extension (3) Reproductive physiology/reproduction management (4) Artificial insemination/pregnancy diagnosis method (5) Breeding management/improvement of reproduction (6) Semen production technology (7) Genetic improvement	IMPLEMENTING PARTNER	NATIONAL LIVESTOCK BREEDING CENTER	
	JICA CENTER	Nihonmatsu JOCV Training Center	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>[Objective] The participants will obtain knowledge and techniques of organic agriculture for environmental conservation, and will be able to make a plan for extension of organic agriculture for environment conservation.</p> <p>[Expected Results] To reach the objectives, participants are expected to achieve the following: (1) To acquire knowledge and techniques of organic agriculture, (2) To study Japanese experiences and traditional techniques of agricultural development and examine their possible applications to respective countries, and (3) To make an applicable Action Plan for the extension of organic agriculture in the participant's country.</p>	<p>[Target Organizations] Government organization, NGO, and individual farmers engaging in agricultural activity at a field level</p> <p>[Target Group] (1) Individuals engaging in agricultural activity at a field level with at least 2 years of work experience in their specialties (2) Individuals in good health, both physically and mentally, to undergo the course of rigorous training</p>	
CONTENTS	PROGRAM PERIOD	Mar.2008 ~ Dec.2008
<p>1. History of agriculture (1) History of rice farming and organic agriculture in Japan (2) Diffusion of chemical fertilizer and its negative effect (3) Global food situation (4) Rural development worldwide</p> <p>2. Environment conservation in agriculture (1) Current situation of aquatic contamination and its relation with agriculture/techniques for water quality improvement (2) Current situation of ground pollution and its countermeasures/mechanism (3) Biomass resources -Character, variety and potential</p> <p>3. Techniques of organic agriculture for environmental conservation (1) Land Improvement (2) Insect Pest Control (3) Organic agriculture techniques (rice farming, vegetables, fruit)</p> <p>4. Rural development in Japan (1) History of rural development in Japan (2) Marketing and distribution of agricultural goods (3) Farmer organization and institution-building</p> <p>5. Formulation and presentation of Action Plans</p>	IMPLEMENTING PARTNER	OISCA
	JICA CENTER	Chubu International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	


Sustainable Use of Plant Genetic Resources 植物遺伝資源の持続的利用		0780770 Agricultural/Rural Development—Agricultural Development 4 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
The objective of this program is to upgrade the knowledge and techniques of researchers in the field of plant genetic resources, and to train participants capable of playing leadership roles in the exploration, collection, conservation, management, and evaluation of plant genetic resources, and especially in the sustainable use of plant genetic resources in their own countries. To reach the objective, participants are expected to achieve the following: (1) To understand the outline of plant variety protection (plant breeders' rights) system under UPOV and the Japanese System (2) To learn the Japanese way of examining plant varieties for registration under plant variety protection (3) To learn how to set up test guidelines used for the examination	(1) University graduates or equivalents, preferably MSc holders, but not Ph. D. holders. (2) Presently engaged in research work in the field of plant genetic resources with at least 3 years of experience (3) Age: 25-40 years old (4) Sufficient command of spoken and written English to be able to conduct the research,		
CONTENTS	PROGRAM PERIOD	May.9.2007 ~ Nov.3.2007	
This program consists of common subjects (lectures, observation, discussion) for all participants and individual training (special research training/4 months) in the laboratory. Each participant is to take one of the following subjects for their special research training: (1) Characterizations of landraces and wild crop relatives in the genuses <i>Oryza</i> and <i>Vigna</i> (2) Molecular genetic diversity and phylogeny of crops and their wild relatives (3) Cryopreservation of vegetatively propagated crops	IMPLEMENTING PARTNER	National Institute of Agrobiological Sciences	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS	Countries with programs for storage and utilization of genetic resources are preferable. Includes an intensive Japanese language class (25 hours)	

Rice Research Techniques 稲研究		0780771 Agricultural/Rural Development—Agricultural Development 7 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
The objective of this program is enable researchers to solve problems regarding rice cultivation in recipient countries through design and implementation of research, and analysis of the results. To reach the objective, participants are expected to achieve the following: (1) To acquire general theoretical and practical knowledge of rice science (2) To acquire theoretical and practical fundamental techniques necessary to develop technologies in rice, such as rice varietal improvement, physiology and morphology and soil nutrient management, integrated pest management, etc. (3) To acquire techniques for research and experiments as well as methodologies for problem solving (4) To make action plans integrating the knowledge and experience gained from the above technologies and experiments	1) Presently engaging in research work or education in the field of rice 2) University graduates or with equivalent background 3) Age: 25-35 years old, and with at least 3 years of experience in the above fields		
CONTENTS	PROGRAM PERIOD	Feb.11.2008 ~ Nov.22.2008	
This program consists of three major components: lectures, experiments and field practice, and study tours. The main contents are as follows: (1) Rice cultivation technology Agriculture and rice cultivation in Japan, high yielding and sustainable rice cultivation, management of cultivation, diagnostic techniques, etc. (2) Basic theory and applied technology Rice morphology, rice physiology and ecology, soil environment and physiology of plant nutrition, rice breeding, weed control, diseases and insect pests of rice, etc. (3) Individual experiments, making of reports and presentations on experimental results, statistical analysis, data collection methods, etc. Especially, individual experiments are regarded as of the utmost importance.	IMPLEMENTING PARTNER	TSUKUBA INTERNATIONAL CENTRE, JICA	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS		

Introductory Gene Manipulation and Bioinformatics for Agriculture 農業生産のための遺伝子操作技術とバイオインフォマティクス		0780799 Agricultural/Rural Development—Agricultural Development 8 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>To handle and operate the gene resources and gene manipulation techniques which contribute to the increase of food production, the participants are expected to achieve the following outputs:</p> <p>1. To learn the basics of gene manipulation techniques and study Agrobacterium-based technology for the selective breeding of plant cells 2. To learn preliminary knowledge about bioinformatics to maintain the database of original gene resources</p>	<p>1. University graduates (or possess an equivalent academic background) in the field of molecular biology or biochemistry, and/or holders of master's degrees in similar fields, (not holders of doctorate degrees) 2. Researchers in the field of agricultural production, employed in a governmental agricultural research institute, 3. Individuals with experience of the handling and culture of micro organisms, 4. Individuals under 35 years of age., 5. Individuals with 3 years' occupational experience, 6. Individuals with a sufficient command of spoken and written English.</p>		
CONTENTS	PROGRAM PERIOD	Aug.20.2007 ~ Dec.20.2007	
<p><Basic Training> (a) Computer skills: Fundamental structure of personal computers (b) Gene manipulation: Basics of gene manipulation/Principles of plant gene introduction/Culture of microorganism cells/Extraction, separation and electrophoresis of nucleic acids/Enzyme treatment of nucleic acids/DNA sequence analysis/Electrophoresis and liquid chromatography of proteins/ Transformation method/Detection and identification of transformed products/ Gene amplification by PCR method <Applied Training> (a) Database : Genetic processing (gene sequence searching, PCR primer planning)/ Processing of relational database (Access) (b) Gene manipulation: Plant gene engineering and its applications/ Preservation of foodstuffs and agricultural products by irradiation/ Wheat breeding/ Agrobacterium handling technology/ Gene introduction by particle gun (c) Study trips : Observation of institutes and/or universities</p>	IMPLEMENTING PARTNER	OSAKA PREFECTURE UNIVERSITY	
	JICA CENTER	Osaka International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS		

Detection Technology of Pathogens for Food Animals 畜水産物生産現場における病原体検査技術		0780800 Agricultural/Rural Development—Agricultural Development 6 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>To detect pathogens such as viruses, bacteria, parasites/protozoa etc, participants are expected to gain the following techniques:</p> <p>1. Sampling and sample preservation techniques for food animals during outbreaks of infectious disease 2. Techniques in microbial detection (bacteria, virus, parasites/protozoa) 3. Immunodetection techniques for pathogens 4. Techniques in genomic detection 5. Pathology techniques for the detection of disease</p>	<p>1. Age: 27-37 years old in principle. 2. University or veterinary school graduates (academic history of 16 or more years), 3. Individuals with 3 years of experience in a field of work related to the content of this training at a testing organization, livestock hygiene center, government organization or university</p>		
CONTENTS	PROGRAM PERIOD	Aug.27.2007 ~ Dec.1.2007	
<p>A. Lectures: General overview of testing and detection technologies in addition to up-to-date information regarding food animal pathology</p> <p>B. Practical Training: Techniques in Preventive / Diagnostic Microbiology Techniques in Virus Detection Techniques in Anaerobic Bacteria Detection Techniques in Diagnostic Immunology Techniques in Diagnostic Pathology Techniques in Diagnostic Parasitology Techniques in Diagnostic Genetics C. Practical Training in the Field: Testing organizations and research centers, which conduct the detection operations</p>	IMPLEMENTING PARTNER	OSAKA PREFECTURE UNIVERSITY	
	JICA CENTER	Osaka International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS		

Integrated Pest Management for Plant Protection 植物保護のための総合防除		0780810 Agricultural/Rural Development—Agricultural Development 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
(1) To carry out basic and/or practical research on plant protection in their own countries (2) To devise and carry out an effective integrated control program of pest management in their own countries (3) To pass on knowledge and technologies obtained to other staff in their own countries	(1) Technical officials presently in charge of plant protection with at least 3 years of experience (2) College staff in this field with at least 3 years of experience		
CONTENTS	PROGRAM PERIOD	May.21.2007 ~ Sep.1.2007	
Lectures: (1) Vulnerable environment and needs for integrated pest management for sustainable community and environment (2) Basic technology for molecular biology (3) Recent advances in insect science (4) Recent advances in plant pathology (5) Principles of agrochemicals mode of action and environmental toxicology (6) Biological control of arthropod pests (7) GMOs: Potentials and problems (8) Consequences of global warming and accelerated trade and traffic (9) Plant-arthropod-microbe interactions (10) Weed control (11) Chemical and genetic manipulations of arthropod behavior (12) Trends in world population and food supply (13) Post harvest problems (14) Current problems and future directions in implementation of integrated management of arthropod pests and diseases (discussion) (15) Conservation of the biosphere and bio-diversity: The role of the agroecosystem (16) Waste management and the system for recycling resources Laboratory works to understand basic problems in plant protection	IMPLEMENTING PARTNER	FACULTY OF AGRICULTURE, KOBE UNIVERSITY	
	JICA CENTER	Hyogo International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS		
Plant Quarantine(Thermal Treatment for the Disinfestation of Fruit Flies) II 植物検疫 (ミバエ類殺虫技術) II		0780824 Agricultural/Rural Development—Agricultural Development 5 participants / English	
Target Countries : Countries experiencing fruit fly problems			
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
The participants will learn the latest skills of disinfestation for fruit flies by heat treatment in Japan. To attain the objective, participants are expected to achieve the following: (1) To acquire skills in methods for artificial rearing and parasitized fruit preparation (2) To gain an understanding of the principles and techniques of heat and cold treatment (3) To acquire skills in the series of procedures of the disinfestation test for fruit fly and fruit injury test by heat treatment (4) To gain an understanding of the relations between plant quarantine and agricultural product distribution in Japan (5) To gain an understanding of fruit fly eradication techniques and methods of collecting information for warning against pest invasions	[Target Organizations] Engaged in plant quarantine [Target Group] (1) Individuals with considerable experience in plant quarantine works and sufficient knowledge (2) Individuals presently engaged in plant quarantine treatment(s) (vapor heat, cold treatment, etc.) (3) Age: Under 45 years old		
CONTENTS	PROGRAM PERIOD	May.22.2007 ~ Sep.8.2007	
Preparatory phase: A Country Report describing the present situation of plant quarantine in the participants' countries and roles of their organizations is developed. Program in Japan: This program consists of lectures, practical exercises, discussions, report-making/presentation, and observation tours. The main themes are: (1) Plant quarantine in Japan (2) Morphology and taxonomy of fruit flies (3) Physiology and ecology of fruit flies (4) Artificial rearing of fruit flies (5) Disinfestation methods for fruit flies (outline) (6) Disinfestation test by vapor heat treatment and cold treatment (7) Injury test of fruits by vapor heat treatment and cold treatment (8) Report-making	IMPLEMENTING PARTNER	NAHA PLANT PROTECTION STATION, MIN.OF AGRICULTURE	
	JICA CENTER	Okinawa International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS	* No more than the fixed number of 5 participants will be accepted.	

Poultry Production and Management Technology 鶏飼養管理・生産技術		 0780826 Agricultural/Rural Development—Agricultural Development 9 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The purpose of this training program is to transfer the knowledge and techniques concerning poultry to technical officials in charge of the poultry industry in their own countries. It should be emphasized that the program will train leading technical experts in charge of improving poultry production and management.</p> <p>Through the training program, participants are expected to acquire sufficient knowledge and techniques in the following subjects:</p> <ol style="list-style-type: none"> 1. To understand comprehensive knowledge and skills on poultry farming, and to be able to plan poultry industry development policy suitable for the area condition, 2. To understand reproduction and genetic improvement in poultry, and to be able to apply the result to breeding and multiplication of breeds suitable for the area condition, 3. To understand nutrition and feed, and to be able to apply the result to designing feed, 4. To understand feeding management in poultry, and to be able to conduct and disseminate poultry management suitable for the area condition and poultry performance, and 5. To understand health control measures in poultry, and to be able to conduct and disseminate disease prevention measures. 	<p>Individuals engaged in administration, research and/or extension works in the poultry industry, with at least 3 years of working experience.</p> <p>University graduate or equivalent academic background.</p> <p>Under 45 years of age in principle.</p>	
CONTENTS	PROGRAM PERIOD	Aug.28.2007 ~ Dec.1.2007
<p>The program will consist mainly of lectures and practical training in which the NLBC staff and visiting professionals will impart expertise and instruction on the respective subjects.</p> <p>This will be supplemented by observation trips to related agencies and institutions. The major subjects are as follows:</p> <ol style="list-style-type: none"> (1) Outline of the livestock industry (2) Planning poultry production and management (3) Reproduction and genetic improvement (4) Nutrition and feed (5) Feeding and management (6) Health control (7) Marketing 	IMPLEMENTING PARTNER	NATIONAL LIVESTOCK BREEDING CENTER
	JICA CENTER	Nihonmatsu JOCV Training Center
	COOPERATION PERIOD	2003~2007
	REMARKS	


OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Realistic 'action plans' for rural development promotion, written by the participants at the end of the training, will be implemented in the respective participating countries/regions. To reach the objective, participants are expected to achieve the following: 1) To deepen the understanding and to broaden perspectives on the measures and methods of rural promotion, including the ways to organize farmers and to strengthen marketing and distribution systems, through a practical study of Hokkaido's experiences 2) To explore the possible measures and methods to be taken in participating countries/regions</p>	<p>(1) Central and local government officers in charge of rural development in the agricultural sector (2) University graduates or with equivalent qualifications (3) Over 25 and under 45 years of age</p>	
CONTENTS	PROGRAM PERIOD	Jul.17.2007 ~ Aug.25.2007
<p>This course consists of lectures, observations and presentations described below to obtain techniques and methods for promotion of rural development. Lectures: (a) Rural development, (b) Agricultural cooperative associations, (c) Agricultural financial systems, (d) Women's role in agricultural farms, (e) Farm accounting, (f) Outline of Local Governance Field study: (a) Municipalities which have implemented rural development promotion, (b) Japan Agricultural Cooperatives (JA) branch offices, (c) Agricultural extension service centers, (d) Wholesale markets, (e) Supermarkets, etc. Practice: (a) Project Cycle Management (PCM), (b) Farmwork and staying with a farming family * Note: The farmwork and the stay are included in the curriculum in order to provide a practical opportunity to learn roles/functions as well as daily activities of farmers and local communities. Presentation/Discussion: (a) Country Report (b) Case study of agricultural rural development (c) Action Plan (d) Discussion with experienced volunteers and members of agricultural organizations -Preparatory phase: Country Reports describing challenges, countermeasures, and strategies for rural development in participating countries/regions are to be prepared by the participants. -Curriculum in Japan: Action Plans for promoting rural development, reflecting the ideas obtained through the training, are to be prepared by the participants. -Post-program activities: The results of the actions taken by the organizations and the participants will be reported as a 'final report' after 6 months.</p>	IMPLEMENTING PARTNER	Hokkaido International Agricultural Exchange Association
	JICA CENTER	Sapporo International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	<p>Some of the main characteristics of Hokkaido, the venue of this seminar, are its remoteness, small and scattered population, and an agriculture-based character. Under these conditions, the government and the people in Hokkaido have been making efforts to develop the rural communities. This seminar focuses on presenting the various measures actually taken in Hokkaido, including several cases of success, and on providing participants with practical ideas.</p>


Soil Diagnosis and Conservation 土壌の診断と保全コース		0780850 Agricultural/Rural Development—Agricultural Development 7 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>To develop human resources capable of proposing soil improvement and environmental preservation considering sustainable agriculture. To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand how agriculture is related to meteorological conditions, topography and soil (2) To understand the general concept and methods of soil diagnosis for the stable and high quality productivity of agricultural products (3) To understand the general concept and methods of suitable management for agricultural environment to attain sustainable agriculture</p>	<p>1) Individuals who are able to contribute to sustainable agriculture production and are presently engaged in the field of soil diagnosis and soil analysis with at least 2 years of experience 2) University graduates or equivalent 3) Age: be over twenty-five (25) and under forty (40) years of age 4) Not be pregnant due to many field works included in the course schedule</p>		
CONTENTS	PROGRAM PERIOD	May.13.2007 ~ Aug.3.2007	
<p>Preparatory phase: To submit a Job Report, which includes an introduction of work, problems faced in the participant's country and fields of particular interest and the reason, as well as a questionnaire Program in Japan: This program consists of lectures, practical exercises, observation and discussion. (1) Outline of agriculture in Japan, Formation of soil, (2) Theory of soil diagnosis, Soil profile survey, Sampling Soil map making, Application of soil diagnosis, Method of soil analysis for chemical properties and its application, Physical properties of soil and its application (3) Water quality analysis, Heavy metal pollution of soils in Soil improvement techniques To make a concrete Action Plan which describes project objectives, outputs, major activities, etc. after returning.</p>	IMPLEMENTING PARTNER	Obihiro university of agriculture and veterinary medicine, other agricultural experiment stations	
	JICA CENTER	Obihiro International Center	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Questionnaire on the effects of the program and execution of Action Plan	

Vegetable Cultivation Technology 野菜栽培技術		0780858 Agricultural/Rural Development—Agricultural Development 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The purpose of this program is to provide participants with knowledge and technology related to practical vegetable cultivation in Japan, thereby helping them to promote vegetable production in their respective countries. To reach the objective, participants are expected to achieve the following:</p> <p>(1) Vegetable cultivation technology for high yield and quality (2) Vegetable seed production technology (3) Technology of vegetable production in sustainable agriculture (4) Socio-economics in vegetable production (5) Experiments, report-making and presentation</p>	<p>1) Individuals presently engaged in vegetable production, such as researchers, training instructors or extension officers 2) University graduates or diploma holders with at least 3 years of work experience in their specialty 3) Non Ph.D. holders 4) Age: 25-40 years old</p>		
CONTENTS	PROGRAM PERIOD	Jan.30.2008 ~ Nov.17.2008	
<p>This program includes lectures, experiments, study tours and discussion (1) a) Raising seedlings b) Soil science and plant nutrition c) Plant physiology d) Pests and diseases control e) Vegetable cultivation (2) a) Breeding b) Seed technology c) Seed production of major (3) a) Crop rotation b) Use of organic materials c) Biological control lectures, experiments and study tours, focusing on experiments (using JICA Tsukuba experimental infrastructure) (4) a) Activities of agricultural cooperatives b) Extension activities c) Distribution of vegetables (5) Experimental methods, statistical analysis, report-making</p>	IMPLEMENTING PARTNER	TSUKUBA INTERNATIONAL CENTRE, JICA	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2004~2008	
	REMARKS	The program includes intensive Japanese language lessons (27.5 hours).	

Research on Veterinary Technology 獣医技術研究		0780866 Agricultural/Rural Development—Agricultural Development 5 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The objective of this program is to enable veterinarians who are presently engaged in research activities to play a leading role in the development of animal health technology to raise the productivity of the animal industry in their respective countries.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1. To acquire comprehensive knowledge about the present technical situation, which is necessary to carry out research in the field of animal health 2. To learn advanced technologies required for diagnostics and preventive methods of animal diseases 3. To learn how to analyze and interpret data obtained from research in order to compile and present a report 	<ol style="list-style-type: none"> (1) Individuals presently engaged in the research activities on animal health. (2) Individuals with at least 5 years of experience in a related field (3) Age: 25-40 years old (4) University graduates or with equivalent knowledge (5) With veterinary 		
CONTENTS	PROGRAM PERIOD	Mar.25.2008 ~ Oct.18.2008	
<ol style="list-style-type: none"> 1. Lectures (in groups) on animal health technology and research methodology (3 weeks) 2. Field trips to research institutes and the livestock hygiene service centers, etc. (10 days) 3. Individual research training at the laboratory (5 months). Participants will train and conduct research on one subject selected out of the several subjects prepared by the Training Institutions. Those subjects will be described in other information about the program (General Information). Typical examples include molecular, immunohistochemical and electron microscopic diagnosis on infectious diseases of domestic animals. <p>(1) Acquire comprehensive knowledge</p>	IMPLEMENTING PARTNER	NATIONAL INSTITUTE OF ANIMAL HEALTH (NIAH)	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2004~2008	
	REMARKS		

Low Input Agricultural Management System 低投入型農業生産管理システム		0780900 Agricultural/Rural Development—Agricultural Development 8 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>To develop human resources, who acquire techniques to establish optimum mechanized production systems according to agricultural techniques, field environments and management scales of developing countries and who can provide guidance on low input agricultural production that exerts little burden on the environment.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> (1) To understand the importance of low input agriculture management of the global environment (2) To understand the analytical determination method for the field environment and draw field environment maps (3) To make plans on introducing agricultural machinery which is suitable for each country of the participants (4) To make plans for the production system of low input agricultural management, which is suitable for each country of participants 	<ol style="list-style-type: none"> 1) Engineers or educators engaged in the guidance and dissemination of sustainable agricultural systems, crop cultivation and agricultural machinery 2) Individuals with at least 3 years of experience in this field 3) Not pregnant, because this program includes considerable field work 4) University graduates or equivalent 		
CONTENTS	PROGRAM PERIOD	Jul.22.2007 ~ Nov.3.2007	
<p>Preparatory phase: To submit a Job Report with an introduction of work, problems faced in the participant's country, fields of interest and the reason.</p> <p>Program in Japan: Lectures, practical exercises, observation and discussion.</p> <ol style="list-style-type: none"> (1) General view on low input agriculture, Environmental contamination, Biomass energy (2) Basics of information management methods, Analysis method and measurement of field environments, basic knowledge and measuring method of meteorological factors, basics of crop growth measurement, advanced technology for field environmental measurement, management and utilization of information on field environment, Environmental conservation agriculture (3) Means of efficient agricultural production, field environment and agricultural production, introduction of agricultural machinery for low input control, improvement method for field environment (4) Utilization and effect of systems, evaluation method concerning the profitability, evaluation, improvement and environmental effect of production systems, 	IMPLEMENTING PARTNER	OBIHIRO UNIV. OF AGRICULTURE & VETERINARY MEDICINE	
	JICA CENTER	Obihiro International Center	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Questionnaire about diffusion of effects of the program and execution of Action Plan	

Agricultural Infrastructure Improvement in Upland Crops Area 畑地帯における農業基盤整備		 0780903 Agricultural/Rural Development—Agricultural Development 8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
To develop human resources who are capable of making pertinent suggestions regarding comprehensive agricultural infrastructure improvement and rural development in their own countries. To reach the objective, participants are expected to achieve the following: (1) To understand the actual situation and legal system on land improvement projects (2) To understand the theory of planning and design on land improvement projects (3) To understand the construction management technology on land improvement projects (4) To understand ideas of agricultural infrastructure improvement, along with the situation in the participants' countries To make a concrete Action Plan which describes project objectives, outputs, major activities, etc. after returning.	1) Engineers with experience in surveying, planning, construction management or infrastructure management for land improvement (irrigation, drainage, agricultural land improvement, disaster prevention) in dry field farming 2) Individuals with at least 3 years of practical experience in the above-mentioned field 3) University graduates or equivalent	
CONTENTS	PROGRAM PERIOD	May.27.2007 ~ Aug.18.2007
Preparatory phase: To submit a Job Report with an introduction of the work, problems faced in the participant's country, fields of particular interest and the reason. Program in Japan: Lectures, practical exercises, observation and discussion. (1) Outline of agriculture in Japan: Administrative circumstances, food situation and legal system, effects of land improvement projects, Agriculture in Hokkaido and Tokachi: Organization of agricultural cooperatives, agricultural machinery, facilities for processing agricultural products, broad-based cooperation (2) Projects for the improvement of agriculture and rural areas: Rivers and road improvement, agricultural infrastructure improvement and rural development, the planning and design of land reclamation infrastructure, etc. (3) Construction work for projects: Constructing material, construction plan, safety and construction management), Project management and environmental countermeasure, New technologies related to agriculture execution: Utilization of biogas and artificial satellites, green tourism and etc.	IMPLEMENTING PARTNER	MLIT, HOKKAIDO REGIONAL DEVELOPMENT BUREAU
	JICA CENTER	Obihiro International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	Questionnaire about diffusion of effects of the program and execution of Action Plan

Irrigation and Drainage for Rural Development かんがい排水・農村開発		 0780923 Agricultural/Rural Development—Agricultural Development 11 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
The objective of this program is to develop the capacity of irrigation and drainage engineers to carry out agricultural infrastructure improvement projects from study to implementation with consideration of their application, participation, sustainability and environmental conservation for rural development in the participants' own regions. To reach the objective, participants are expected to achieve the following: (1) To learn basic and applied technologies required to investigate, design, construct, operate and maintain facilities related to irrigation and drainage projects (2) To learn the applicable methodology of irrigation and drainage technology for agricultural and rural development from diverse points of view (3) To learn the relevant technology and knowledge for sustainable agricultural and rural development in consideration of environmental conservation (4) To improve problem-solving ability, and acquire integrated irrigation and drainage technology related to their own working environment (5) To develop the ability to resolve problems in their own working environment and to realize them as action plans	(1) Individuals presently engaged in actual irrigation and drainage works (2) University graduates or equivalent with at least 5 years of experience in their specialty (3) Age: Under 35 years old	
CONTENTS	PROGRAM PERIOD	Feb.11.2008~Nov.17.2008
This program covers three project areas: 1) Agricultural infrastructure improvement 2) Agricultural land conservation and agricultural infrastructure maintenance 3) Rural planning, irrigation and drainage technology. The following subjects are addressed throughout lectures, discussions, experiments, practical exercises, workshops and field visits: (1) Agricultural and rural development (2) Irrigation and drainage (3) Environment conservation The program includes making technical reports in consideration of appropriate technologies in these fields as well as action plans to clarify and take countermeasures against existing problems.	IMPLEMENTING PARTNER	TSUKUBA INTERNATIONAL CENTRE, JICA
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	

Participatory Rural Development for the Establishment of the Central America Network 中米・カリブ地域 住民参加型農村開発のプロジェクト運営管理 Target Countries : Central America and Caribbean		0784125 Agricultural/Rural Development—Rural Development 14 participants / Spanish
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>(Objetivo Superior) Se implementan los proyectos rurales participativos mas eficientes por las actividades de la Red de America Central y el Caribe conformada por los ex-participantes del curso como actores principales, promoviendo intercambios de experiencias e informaciones en el tema.</p> <p>(Objetivo del Curso) Los participantes desarrollan capacidades para implementar y administrar los proyectos en desarrollo rural participativo, realizan planes para el mejoramiento de trabajos utilizando los aprendidos del curso, y ademas se ponen en practica las actividades de la Red de America Central y el Caribe como actores principales.</p> <p>(Resultados esperados) Despues del Curso de Capacitacion, los participantes sean capaces para ponerse en practica 1) el concepto y enfoque de Mejoramiento de Vida aprovechando los materiales del curso, 2) el concepto y enfoque de Desarrollo Rural y Genero aprovechando los materiales del curso, y 3) el concepto y metodologia en mejor planificacion e implementacion de los proyectos comunitarios provechando los materiales del curso.</p>	<p>(Organizaciones Objetos) El gobierno central o local y ONG's en el tema de desarro rural. Tambien, las asociaciones de productores, las cuales han liderizado en el nivel nacional o regional.</p> <p>(Personas Objetos) 1) que sean recomendados por el gobierno del respectivo pais bajo una coordinacion con la Oficina de JICA o Embajada de Japon, 2) que participen o planeen participar en Programas de Cooperacion de JICA, 3) que tengan la habilidad de hablar, comprender, leer y escribir en espanol, 4) que se comprometa a presentar informes semestrales a la respectiva Oficina de JICA Office durante los 2 anos posteriors al curso de capacitacion, y 5) que se dediquen actualmente al desarrollo comunitario en areas rurales como funcionarios de gobierno central/local o ONG's y tengan mas de 3 anos de experiencia en el tema del curso.</p>	
CONTENTS	PROGRAM PERIOD	Oct.14.2007 ~ Nov.28.2007
<p>1. Programa de Pre-Capacitacion 1) Autoestudio anterior al Programa de Capacitacion 2) Preparacion del Informe Inicial 2. Programa de Capacitacion en Japon 0) Intercambio de informaciones entre participantes incluyendo los participantes del anos anteriores 1) Aprendizaje en Mejoramiento de la Vida 2) Aprendizaje en Desarrollo Participativo y Genero 3) Aprendizaje en Manejo de Ciclos de Proyectos 4) Preparacion del Informe Intermedio (1) Programa y Materiales para el Programa en Panama, (2) Plan para el Mejoramiento de Trabajo (Bosquejo), y (3) Propuesta de Proyecto Piloto (Seleccion de tema) 3. Programa de Capacitacion en Panama 1) Practicas de Campo 2) Intercambio con los ex-participantes de 2005 y 2006 3) Discusion con los funcionarios de las oficinas de la JICA 4) Preparacion del Borrador de Informe Final (1) Plan para el Mejoramiento de Trabajo (Borrador), (2) Propuesta de Proyecto Piloto (Bosquejo), y (3) Plan anual de la Red (Borrador). 4. Programas de Post-Capacitacion 1) Actividades de Post-Programa (Talleres con las comunidades, Coordinacion con la organizacion y JICA) 2) Preparacion y entrega del Informe Final. 3) Presentacion de Informes de Monitoreo 4) Actividades de la Red 5. Cooperacion de seguimiento Los Informes Finales seran evaluados para seleccionar las mejores propuestas de Proyecto Piloto. Los proyectos pilotos seleccionados seran apoyados por cooperacion de seguimiento de la JICA.</p>	IMPLEMENTING PARTNER	Tsukuba International Center, JICA
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2005~2007
	REMARKS	(Program en Panama) Despues de terminar el Programa en Japon, los participantes continuiran el Programa en Panama desde 29 de noviembre hasta 19 de diciembre.

Rural Development in African countries アフリカ地域農村開発		0784174	
		Agricultural/Rural Development—Rural Development	
Target Countries : Africa		5 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p><Independent and Autonomous Research/Investigation-type course ></p> <p>Participants in this training course will be those related to JICA cooperation programs (or, in case there are no such programs available yet, those related to development of plans/strategies and policies concerning agricultural/rural development of the respective countries; the same hereinafter). Through the training course, they will develop their abilities of agricultural research, or socially-oriented (agricultural cooperatives, agricultural extension, livelihood improvement) approaches in rural development; and at the same time, they will investigate Japan's examples concerning specific problems related to JICA cooperation programs, so as to compile practical outputs to contribute to the effective and efficient execution of the programs.</p> <p><Designated outputs in Japan></p> <p>1) To understand JICA cooperation policies, etc. concerning the respective country's agricultural/rural development based on Japanese ODA systems and policies;</p> <p>2) From among Japan's agricultural/rural development experiences, collect and sort out such factors that can be utilized for solving the country's problems; and</p> <p>3) Through investigation/research into Japan's agricultural/rural development, compile practical outputs (rough plans for bilateral cooperation, policy proposals, technical improvement plans good for respective countries, etc.), which can be utilized in conducting JICA cooperation programs.</p>	<p>The participants must belong to departments/bureaus in charge of policy/system formulation regarding agricultural/rural development in organizations closely related to JICA cooperation programs, or to academic institutions offering relevant proposals and technical support to such organizations.</p>		
CONTENTS	PROGRAM PERIOD	Jan.2008 ~ Sep.2008	
<p>Preparatory phase:</p> <p>1. Making Inception Report</p> <p>(1) Capacity assessment (analysis and identification of the facing problem)</p> <p>(2) Utilization plan of practical outputs to be compiled through the program in Japan</p> <p>Program in Japan:</p> <p>Compiled achievement / results : Interim Report (including an Action Plan and practical outputs to be kept, such as rough plans for bilateral cooperation, policy proposals, technical improvement plans good for respective countries, etc.)</p> <p><Scope of Research/Investigation fields to be proposed by participants ></p> <p>① Agricultural technology</p> <p>a. Agronomy</p> <p>b. Local breeding</p> <p>c. Soil and plant nutrition</p> <p>d. Crop protection, and</p> <p>e. Irrigation / Drainage</p> <p>② Training management</p> <p>③ Rural development</p> <p>a. Agricultural cooperatives</p> <p>b. Agricultural extension</p> <p>Post-Training activities:</p> <p>1. Authorization and implementation of the Action Plan made in Japan</p> <p>2. Making of a Final Report</p>	IMPLEMENTING PARTNER	Tsukuba International Center, JICA	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2006~2008	
	REMARKS	Actual/specific acceptance period to be determined flexibly according to each participant's research/investigation proposal	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Participants of the course will learn knowledge and skills about the Livelihood Improvement Approach, and utilize them in their respective job activities after returning. In addition, follow-up cooperation (2 or 3 cooperation/year) will be executed selectively based on the results of the evaluation.</p>	<p>1. Field workers: Extensionists of governmental institution / NGOs who have engaged in the field work of rural community development for more than three years. 2. Management officers: Local government officers in charge of management of the activities' implementation described above. 3. Planning officers: Local government officers in charge of planning and evaluation of rural community development projects.</p>	
CONTENTS	PROGRAM PERIOD	Jan.15.2008 ~ Mar.1.2008
<p>1. To identify problems in rural community development such as poverty, bad livelihood, lack of capacity for farmers group support in respective countries through the self-study and preparation and presentation of an inception report. 2. To understand the roles of facilitators in livelihood improvement approach, and to propose training or workshop materials. 3. To understand the necessary support system by the government for rural community development through the livelihood improvement approach. 4. To propose the job improvement plan(JIP) for promoting livelihood improvement activities in respective countries through collaboration with field workers / management officers / planning officers. 5. To monitor the implementation of JIP and to promote networking activities among the participants through periodical monitoring seminars using the JICA-Net System.</p>	IMPLEMENTING PARTNER	Tsukuba International Center, JICA
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2006~2008
	REMARKS	<p>1. Each country is required to nominate 3 applicants (mentioned in TARGET GROUP) who are able to implement the JIP together. 2. Participants should submit three reports (after 2, 8 and 14 months of training in Japan) to JICA Tsukuba through a JICA Overseas Office.</p>

Capacity Development for the supports of Farmers' Organizations and Management for Francophone Africa 仏語圏アフリカ地域農民組織化・運営支援に係る能力強化 Target Countries : Francophone Africa		0784196 Agricultural/Rural Development—Rural Development 10 participants / French	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>(Objective) Participants of the course develop capability for the support of farmers' group formation and group management, and after the approval of their belonging organizations, execute a job improvement plan.</p> <p>(Expected Results) 1. Participants understand the experiences and approaches in farmers' organizations in Japan and can select matters applicable to their own countries. 2. Participants share good practices in the African Region and can select matters applicable to their own countries. 3. Participants prepare (draft) job improvement plans based on the results of 1. and 2. 4. Participants improve the (draft) job improvement plans by taking activities in their country, and their belonging organizations approve them. 5. Participants and their belonging organizations execute the job improvement plans.</p>	<p>(Target Organizations) 1. Department of agricultural extension in the Central Government, 2. Department of agricultural extension in the Local Governments, 3. NGO in agricultural extension</p> <p>(Target Group) Applicants should be under 45 years of age and fulfill one of the following requirements: 1. Officers who work at agricultural extension departments of the central government 2. Officers who work at the agricultural extension department of local governments 3. Officers who work at NGOs in the field of rural development</p>		
CONTENTS	PROGRAM PERIOD	Nov.4.2007 ~ Dec.15.2007	
<p>1. Pre-Program 1) Self-Study on Technical Cooperation Contents "Livelihood Improvement Approach for Rural Community Development" 2) Preparation of an inception report</p> <p>2. Program in Japan 1) Lectures, Workshops and Field Trips Livelihood Improvement Approach (LIA): Rehabilitation process of rural areas in postwar Japan, outline of LIA, facilitation of LIA, problem-solving mechanisms in LIA, discussion with extensionists and group members, Agricultural cooperative in Japan (JA): Outline of JA, organization and activities of JA, women's group activities in JA, discussion with extensionists and group members, Rural entrepreneurship activities in Japan: Outline of rural entrepreneurship activities, governmental support system for rural entrepreneurship activities, discussion with extensionists and group members 2) Sharing of Good Practice in the African Region 3) Preparation and presentation of the draft final report</p> <p>3. Post-Program 1) Approval of the draft final report 2) Execution of the Job Improvement Plan 3) Preparation and submission of the final report</p>	IMPLEMENTING PARTNER	Under planning	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Expected number of participants per country: 2	

Rural Development through Promoting Small Herbivorous Animal's Husbandry for Africa アフリカ地域小型草食家畜生産を通じた農村開発 Target Countries : Africa		0784249 Agricultural/Rural Development—Rural Development 8 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>Participants will acquire 1) technology and knowledge for productivity improvement of small -scale herbivorous animal husbandry such as goats and sheep, 2) know-how on technology extension system and effective approach for rural development. Participants will make action plans in accordance with plans in Japan.</p>	<p>【Target Organizations】 Agricultural and rural development offices of both central and regional governments, extension offices and research institutes in African countries.</p> <p>【Target Group】 * Officers of above mentioned government offices * Technical officers in stockbreeding of extension offices and research institutes * More than 5 (five) years experience in stockbreeding * 25~45 years old</p>		
CONTENTS	PROGRAM PERIOD	Sep. 2007 ~ Nov. 2007	
<p>The following subjects are included throughout lectures, practices and observation tours.</p> <ol style="list-style-type: none"> 1. Livestock improvement and livestock promotion policy in Japan 2. Breeding, prevention of disease artificial insemination, feed production on goats and sheep 3. Goat milk processing, goat meat processing, wool production. 4. Agricultural extension planning and management (research for rural areas, livestock technique extension systems) 5. Rural development systems (farmers' participatory method) 6. PCM method 7. Action plan 	IMPLEMENTING PARTNER	National Livestock Breeding Center	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS		


Sustainable Rural Development 持続的農村開発		0780036 Agricultural/Rural Development—Rural Development Nature Conservation—Sustainable Use of Natural Resources	
Target Countries : Countries in Asia and Africa with JICA remote communication facilities		10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>Effective approaches for sustainable rural development projects in Asian and African countries are proposed through experience acquired by implementing job improvement plans and by applying thematic materials and technical reports.</p> <p>Expected results are:</p> <p>(1) Enhanced capacity to conduct surveys and analyze actual conditions and problems in rural development</p> <p>(2) Enhanced fundamental capacity by acquiring a variety of methods and skills essential for rural development</p> <p>(3) Study of feasible countermeasures in respective countries and formulation of the results into job improvement plans, thematic materials and technical reports, by conducting case studies in Japan, field study programs in Thailand, and individual technical programs</p> <p>(4) Improved skills in preparing monitoring reports regarding the information and experience acquired by implementing job improvement plans and by applying thematic materials, and subsequently, sharing and discussing of the results with the network of participants and persons concerned</p>	<p>[Target Organizations] Those handling rural development projects such as central/local governments and NGOs</p> <p>[Target Group] Applicants must have been working in one of the organizations mentioned above for at least 5 years, and been recommended and approved by their organization. Must be under 45 years old, have an outstanding academic record, and have an excellent knowledge of English (e.g. TOEFL 550, TOEIC 730).</p>		
CONTENTS	PROGRAM PERIOD	Feb.12.2008 ~ Dec.13.2008	
<p>1.Preparatory phase Attending course guidance and some lectures through the JICA-Net System, self-learning with materials provided by JICA and report-making. Preparing inception reports to identify and analyze problems in rural development (from August 2006 to January 2007) in respective countries</p> <p>2.Program in Japan The participants of the program will develop the capacities to prepare thematic materials, technical reports, job improvement plans, etc. through the following lectures, workshops, experiments and field studies. (1) Outline of rural development, problem analysis, capacity development (2) Common subjects: Participatory development, gender issues, project cycle management, etc. Elective subjects: Farming system, conservation of soil resources, agricultural & forestry extension and rural education, rural development planning & execution, appropriate use of genetic resources and conservation and sustainable use of biological diversity, etc. (3) Japanese experiences in rural development such as livelihood improvement, land improvement districts, small-scale marketing of agricultural products, etc.</p> <p>3.Post-program Implementing some activities, utilizing training products, preparing monitoring reports for 2 years and attending follow-up seminars through JICA-Net</p>	IMPLEMENTING PARTNER	University of Tsukuba	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2006~2010	
	REMARKS	Participants of this training program will be awarded a Master's Degree of Science in Agriculture from the University of Tsukuba by satisfying the predefined requirements.	

Infrastructure for Agricultural and Rural Development 農業農村開発のためのインフラ整備		 0780047
		Agricultural/Rural Development—Rural Development 12 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The organizations to which participants are belonging, will be able to plan and implement the project mainly focusing the development, renewal and maintenance of infrastructure for agricultural and rural development (hereinafter referred to as "Project"), in consideration of environmental issues, maintenance systems and facilities of the organization, etc.</p>	<p>【Target Organizations】 Governmental organizations in charge of development of infrastructure in agricultural and rural development</p> <p>【Target Group】 Technical Officials (manager or deputy manager) in charge of planning and implementing agricultural and rural infrastructure development</p>	
CONTENTS	PROGRAM PERIOD	Mar.2008 ~ May.2008
<p>Preparatory phase: 1 Making an Inception Report (1) Capacity assessment (analysis and identification of the facing problem) (2) Utilization plan of the training achievements/results in Japan for promoting agricultural and rural development</p> <p>Program in Japan: Compiled achievements/results : Interim Report (including an Action Plan and a Technical Report) with the terms below: 1. Policy, law, guideline and standard for planning and implementation of the Project 2. Planning, operation and maintenance of a project, such as irrigation and drainage (including upland irrigation), land consolidation, land conservation, etc. for improvement of farming and agricultural productivity 3. Planning, operation and maintenance of a project, such as village roads, farm roads, integrated rural improvement, etc. for improvement of farmers' living conditions 4. Organizing farmers into water uses associations, agricultural cooperatives for maintenance of developed infrastructure, etc.</p> <p>Post-Training activities: 1 Authorization and implementation of the Action Plan made in Japan 2 Making a Progress Report</p> <p>Post-Training program: 1 Remote seminar on evaluation of the Progress Report 2 Making a Final Report and an extended Action Plan (for selective follow-up cooperation)</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p>	<p>Under planning</p> <p>Tsukuba International Center</p> <p>2007~2009</p>
	REMARKS	<p>As a supplementary program, third country training, will be conducted for the purpose of sharing each participants' experiences and implementing a case study, before their coming to Japan.</p>


Integrated Agriculture and Rural Development Through the Participation of Local Farmers 農民参加による農業農村開発		0780211	
		Agricultural/Rural Development—Rural Development	
		10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>This course is designed to acquire "Participatory Rural Development methods" in addition to "Rural development planning methods" and "Management methods of farmers organizations", so as to be able to formulate rural development plans taking into consideration the local farmers' needs of in the participants' responsible area.</p> <p>To reach the objective, participants are expected to achieve the following outputs:</p> <p>(1) To make job reports through a preliminary activity.</p> <p>(2) To learn the following methods through the training in Japan:</p> <p>(A) To be able to sum up local farmers' opinions, and to set up appropriate tasks and targets to establish rural-area development plans for the responsible.</p> <p>(B) To learn rural development planning methods in Japan's local administrative organizations, and become able to adapt such methods to their responsible areas.</p> <p>(C) Become able to establish farmers' organization support policies in the responsible areas, through learning management methods of farmers' organizations in Japan.</p> <p>(3) During the training course in Japan, make an action plan which will be the guideline for the future activities after returning to participants' respective countries.</p>	<p>(1) Individuals nominated by their government.</p> <p>(2) Individuals in central or local government in the field of rural agricultural development with more than 5 years of experience.</p> <p>(3) Under 50 (fifty) years of age;</p> <p>(4) University graduates or equivalent;</p> <p>(5) Proficient in speaking and writing English.</p> <p>(6) Individuals in good health, physically and also mentally, to undergo the course of training.</p> <p>(7) Individuals able to submit monitoring reports regarding the progress of Action Plans, to an overseas Japanese Embassy or to JICA Tsukuba through a JICA overseas office, one year after returning home.</p>		
CONTENTS	PROGRAM PERIOD	Nov.19.2007 ~ Dec.23.2007	
<p>(A) To learn participatory rural development methods Participatory rural development and gender/Rural restoration process after the War/Introduction of overseas participatory development examples/PCM Workshop</p> <p>(B) To learn rural planning methods Rural planning methods/Agricultural and rural development in Japan/Rural social and economical surveys/Enterprises/systems and planning in local municipalities</p> <p>(C) To learn methods of making farmer's organization Agricultural cooperatives organization/Activities of agri. cooperatives/Organizing farmers/Activities of livelihood improvement groups and entrepreneurs' groups/Roles of farmers' organizations (water-users associations)</p> <p>(D) To make reports, action plan, etc Job report presentation Meeting/Homestay at farmhouses/Action plan presentation</p>	IMPLEMENTING PARTNER	Japan Green resources Agency	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2006~2010	
	REMARKS		


JICA-NGO Partnership Training Course on Participatory Community Development for Practitioners JICA-NGO連携による実践的参加型村落開発		0780805	
		Agricultural/Rural Development—Rural Development	
		10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The course objective involves improving the capacity of the participants (Plan-Do-Monitoring & Evaluation) to facilitate community-based development by providing the following knowledge and skills:</p> <p>1. How to facilitate community-based participatory development</p> <p>2. What is community empowerment, and how to achieve sustainable and equitable community development</p> <p>3. How to facilitate effective and organic collaboration among various stakeholders, such as local NGOs, local governments, Japanese NGOs, International NGOs, ODA, and the local communities</p> <p>4. How to design an action plan for own activities, based on the knowledge and skills acquired in the course.</p>	<p>1. Leaders or programme/project managers of NGOs, who are engaged in participatory community development in their countries.</p> <p>2. Individuals with at least three (3) years of field experience in participatory community development.</p> <p>3. Their continuous involvement in participatory community development in future should be expected.</p>		
CONTENTS	PROGRAM PERIOD	Jan.9.2007 ~ Feb.24.2008	
<p>Module 1. Introduction: What is community?/Analysing participants' own communities. (Lecture, Discussion, Practice, Observation)</p> <p>Module 2. Role of "outsiders" in participatory community development. (Lecture, Discussion, Practice, Observation)</p> <p>Module 3. Important approaches and perspectives for participatory community development: Diversity (Minority, Gender, etc.), Inclusion, Conflict Resolution. (Lecture, Discussion, Practice, Observation)</p> <p>Module 4. Effective linkages: Linkages between "Micro" and "Macro" and "Inside" and "Outside". (Lecture, Discussion, Practice, Observation)</p> <p>Module 5. For the future: Developing an Action Plan and sharing them among participants. (Discussion)</p>	IMPLEMENTING PARTNER	KANSAI NGO COUNCIL	
	JICA CENTER	Osaka International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS	<p>1. The program is conducted in a participatory and interactive manner that employs discussions, workshops, field studies, etc.,</p> <p>2. A few government officials will be accepted when they are engaged in programs in partnership with NGO.</p>	


Agricultural Production and Distribution for Southeast European Countries 南東欧地域農産物市場経済 Target Countries : Southeast European Countries		 0784135 Agricultural/Rural Development—Other Agricultural/Rural Development Issues 9 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
This course provides participants concerned with agricultural production and distribution with the chance to acquire systematic and practical knowledge in agricultural production and distribution in Japan as well as to understand the role of rural infrastructure development. The aim of this course is to improve the smoother transition of agricultural development and food supply condition in the area of Southeast European Countries. To attain the objective, participants are expected to achieve the following: (1) To understand the rural infrastructure development and trading system in Japan (2) To understand the mechanism of the agricultural product market in Japan (formation of product prices, agricultural products and distribution), (3) To understand the roles of central and local government, and organizations (agricultural cooperatives) under the agricultural market economy system, (4) To pursue appropriate problem-solving measures for participants' countries, while proceeding with the transition to a market economy for agricultural products and formulating action plans to be implemented after returning home	(1) To be central /local administrative officers, or staff members of cooperative farms, who are involved in agricultural production and distribution and with more than three years of experience in this field. (2) To be university graduates or those who possess equivalent technical qualifications in these fields.	
CONTENTS	PROGRAM PERIOD	Sep.9.2007 ~ Oct.27.2007
Preparatory phase: To submit a Job Report, which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason. Program in Japan: Lectures, practical exercises, observation and discussion (1) Overview of the financial system, Progress of rural infrastructure development in Japan (2) Marketing system of agriculture products and supporting policy, Distribution of agricultural production materials and price formation system (3) Agricultural improvement and extension centers in local areas, Localization of production and consumption supported by local governments, Common water utilization and the facilities maintenance by farmer's association, Promotion method of marketing systems (4) Recognizing problems and formulating action plans to be implemented in participants' countries	IMPLEMENTING PARTNER	University of Agriculture and Veterinary Medicine, Agricultural Cooperatives in local area
	JICA CENTER	Obihiro International Center
	COOPERATION PERIOD	2005~2007
	REMARKS	


Food Processing and Preservation Technology 食品加工・保全技術 Target Countries : Asia		 0780227 Agricultural/Rural Development—Other Agricultural/Rural Development Issues 6 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Participants will enhance their capabilities to develop and produce processed foods of high quality and added value, utilizing agricultural resources in their own countries. To attain the objective, participants are expected to achieve the following: 1) To understand the legal and administrative systems on food processing and preservation in Japan 2) To understand the technologies of food processing and preservation in Japan 3) To understand the situation regarding the research and development, production and distribution of food products in Japan, and to clarify issues in their own countries by comparison with Japan 4) To acquire practical skills and techniques for proper food processing and preservation	(1) Researchers or technical staff in research institutes related to food processing and preservation (2) Capable of conducting basic chemical experiments (e.g. operation of a balance/pH meter, preparation of acid/alkaline reagents, etc.) (3) Individuals with a university degree or equivalent in a science program (4) Individuals with a sufficient command of written and spoken English	
CONTENTS	PROGRAM PERIOD	Jan.8.2007~ Mar.16.2008
1. General training: All participants will receive the training as follows: 1) Lectures on legal/administrative systems and technologies on food processing and preservation in Japan 2) Observation tours to food-related facilities (factories, research institutes, etc.) 2. Practical training: All participants should acquire techniques and knowledge related with 4 topics. (which vary every year): I Agricultural food processing: Topic 1. Training on food processing and analytical techniques (fruit processing: Acquisition of basic analytical and processing techniques) Topic 2. Training on the saccharification of rice using enzyme and the manufacturing test of a sweet alcoholic Japanese drink called amazake II Sterilization and preservation techniques of agricultural food Topic 1. Training on manufacturing techniques of retort pouch food Topic 2. Training on the search for useful acidophilus (GABA-producing acidophilus) and the application of these techniques to food (the use of acidophilus and the production of functional food)	IMPLEMENTING PARTNER	HIROSHIMA PREF.FOOD TECHNOLOGY RESEARCH CENTER
	JICA CENTER	Chugoku International Center
	COOPERATION PERIOD	2006~2010
	REMARKS	This program mainly targets countries in East and Southeast Asia due to the similarity of food culture such as rice as a staple food, use of soy sauce, etc. (These are the main materials used in the training.)

Mycotoxin Inspection in Food マイコトキシン検査技術		0780001 Agricultural/Rural Development—Other Agricultural/Rural Development Issues Health—Health System 7 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
The purpose of the program is to enable the participants to understand the basic knowledge and techniques for the control and management of mycotoxins. After this program, they are expected to be able to apply them in their respective countries.	Technical officers or inspectors presently engaged in food inspection with at least 3 years of experience		
CONTENTS	PROGRAM PERIOD	Jan.28.2008 ~ May.10.2008	
Lectures: (1) Food sanitation law and food inspection (2) General view of mycotoxins (3) Introduction to fungi (4) Isolation and identification of fungi (5) Aspergillus flavus contamination of groundnuts and maize (6) Fusarium contamination of wheat and maize (7) Sampling for mycotoxins (8) Analysis of mycotoxins (9) Control of mycotoxins (10) Analysis of food preservatives Practical exercises: (1) Method of the isolation and identification of mycotoxins-producing fungi (2) Analysis of mycotoxins such as aflatoxins and fusarium mycotoxins (3) Analysis of food preservatives	IMPLEMENTING PARTNER	KOBE INSTITUTE OF HEALTH, NAGOYA CITY PUBLIC HEALTH INSTITUTE	
	JICA CENTER	Hyogo International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS		
Utilization and Preservation Techniques for Animal Products 畜産物の利用と保蔵技術		0780218 Agricultural/Rural Development—Other Agricultural/Rural Development Issues Development Issues 8 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
To develop human resources in order to increase the added value of foods by maintaining the quality of animal products and improving food safety in their countries. To reach the objective, participants are expected to achieve the following: (1) To understand livestock fattening and slaughtering techniques and acquire advanced theories about meat science and food hygiene; (2) To acquire processing and preservation techniques through the hygienic handling of animal products; and (3) To acquire knowledge about sanitary control systems and the traceability of animal products, so that appropriate measures can be taken in improving their own sanitary control systems after returning to their respective countries.	(1) Technologists or researchers engaged in the animal product processing industry or food science institutes (2) University graduates or equivalent (3) Age: Preferably under 40 years old (4) Individuals able to handle and eat pork meat (as the practice includes making and tasting pork products)		
CONTENTS	PROGRAM PERIOD	Feb.17.2008 ~ May.22.2008	
Preparatory phase: A Job Report is developed by participants based on the contents of their jobs, problems to be addressed, fields of interest and the reasons. Program in Japan: This program consists of lectures, practical exercises, observation and discussion. (1) Fattening techniques (production and preparation of feed, physiology of meat and fattening techniques), Slaughtering and carcass dressing, Meat science (meat quality inspection & analysis of meat substance), Food hygiene (properties of milk products, production and hygiene of milk and milk products) (2) Processing techniques: Basics of meat processing, Production and processing of animal products, Utilization of animal by-products Preservation techniques: Analysis of special ingredients, Food additives, Food packaging materials (3) Outline and system of traceability of beef in Japan, Safety of meat and processed meat products, Food hygiene and HACCP To make a concrete Action Plan which describes the project objectives, outputs, major activities, etc. after returning.	IMPLEMENTING PARTNER	OBIHIRO UNIV. OF AGRICULT. & VETERINARY MEDICINE	
	JICA CENTER	Obihiro International Center	
	COOPERATION PERIOD	2006~2010	
	REMARKS	Participants should be able to handle and eat pork meat (as practice includes making and tasting pork products).	

Post-Harvest Rice Processing 米の収穫後処理技術		 0780772 Agricultural/Rural Development—Other Agricultural/Rural Development Issues 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
Participants' planning and problem-solving ability in the field of post-harvest rice processing will be improved in order to contribute to processing technology improvement for preventing post-harvest grain loss and its extension in rural areas. To reach the objective, participants are expected to achieve the following: (1) To understand rice production, rice distribution systems and the function of agricultural cooperatives in Japan (2) To study the rice post-harvest processing methods and the technology at every stage (harvest to milling/storage) (3) To understand the utilization of byproducts and rice processing products (4) To understand rice inspection and quality control (5) To formulate an Action Plan to solve the problems and issues of post-harvest loss in rural areas	(1) Senior technical administrators in government or public organizations engaged in planning and promoting the improvement of post-harvest rice processes (not a researcher, instructor or a professor at a university/not a Ph.D. holder) (2) Age: Under 45 years old (3) University graduates		
CONTENTS	PROGRAM PERIOD	Sep.4.2007 ~ Nov.10.2007	
Lectures, practice, and observation (1) Rice production and marketing (2) Characteristics of rice (indica and japonica subspecies) (3) Harvesting, drying, husking, threshing, grading (4) Storage-facility control and management (5) Milling-machinery/equipment operation (6) Quality control and inspection system and testing equipment (7) Utilization of byproducts (husks, bran and broken rices)	IMPLEMENTING PARTNER	JAPAN GRAIN INSPECTION ASSOCIATION	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS		

Microbial Inspection for Food Safety 食品微生物検査技術		 0780808 Agricultural/Rural Development—Other Agricultural/Rural Development Issues Health —Health System 6 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
The program is designed to upgrade the technical skills of personnel who are currently engaged in food microbial control.	(1) Research or technical officers presently engaged in food microbial control (2) Individuals with at least 3 years of work experience in the field of food microbial control		
CONTENTS	PROGRAM PERIOD	Jan.7.2008 ~ May.17.2008	
Lectures: (1) Japanese food sanitation law, (2) Microbial control, (3) Enteropathogenic bacteria & their toxins, (4) Putrefaction & spoilage, (5) Fungi, (6) Recent trends in regulations for marine & livestock products in Japanese practice Practical exercises: (1) Preparation of culture medium, (2) Staining of microbes, (3) Viable count of bacteria, (4) Count of coliform, lactic acid bacteria, (5) Procedures for the isolation and identification of pathogenic microbes related to food-poisoning Observation: Governmental or private food inspection organizations, food processing factories & brewery plants	IMPLEMENTING PARTNER	Kobe Institute of Health, Kobe Quarantine Station, Kobe Pharmaceutical University	
	JICA CENTER	Hyogo International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS		

Hazard Analysis Management for Animal Food 畜産食品の危害リスク管理		 0780918 Agricultural/Rural Development—Other Agricultural/Rural Development Issues 5 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Participants will write and propose Action Plans to introduce animal food hazard reduction measures including HACCP in their organizations. To reach the objective, participants are expected to achieve the following: (1) To understand the concept of food safety control and the testing methods of international standards (2) To broaden and gain a comprehensive understanding of the theory and techniques of animal food sanitation control at the production, processing and distribution stages (3) To draw up an Action Plan which reflects the current situation in participant's countries/regions in order to utilize or introduce food hazard reduction measures including HACCP	(1) Food hygiene examiners of animal food at government testing and research organizations with practical work experience (2) University graduates (3) Over 25 and under 45 years of age	
CONTENTS	PROGRAM PERIOD	Jul.24.2007 ~ Sep.15.2007
This course covers the following topics. Lectures: (1) Outline of food sanitation (hygiene control, safety measures against food poisoning) (2) Food production (meat processing, HACCP) (3) Distribution system, etc. Practical exercises: (1) Meat/dairy production (2) Detection of bacterium (3) Introduction of HACCP, etc. Observation: (1) Meat production (2) Dairy production (3) Large-scale dairy farm (4) Wholesale market, etc. Others: Country Report, Action Plan, Discussion	IMPLEMENTING PARTNER	RAKUNO GAKUEN UNIVERSITY
	JICA CENTER	Sapporo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	

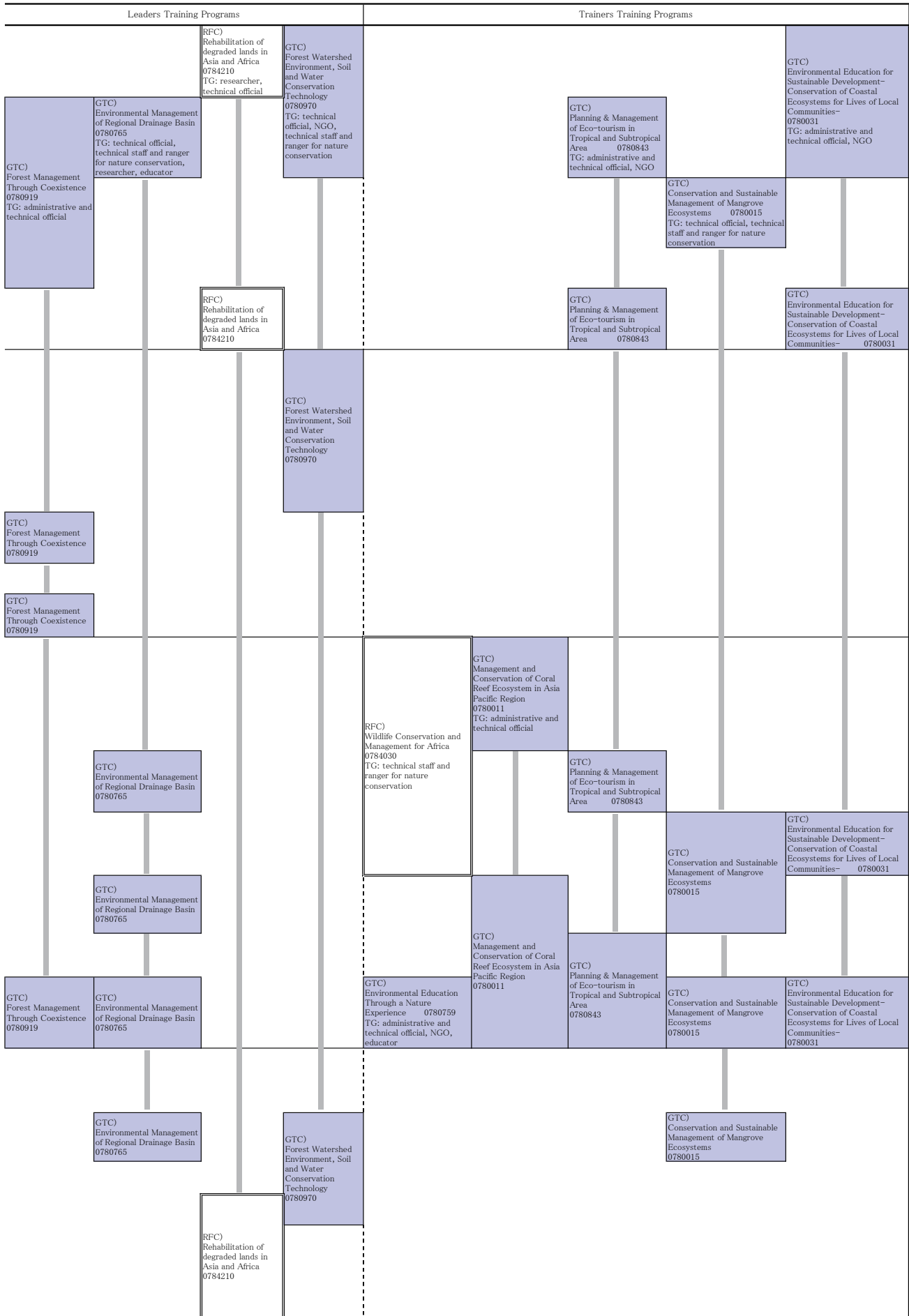
Distribution of Fisheries Products (focused on wholesale markets) 生鮮食料品流通（水産物）		 0780990 Agricultural/Rural Development—Other Agricultural/Rural Development Issues 7 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
To develop senior administrative officers in fresh food distribution for the security of fisheries products with appropriate price and the fair management of wholesale markets, participants are expected to gain the following outputs: 1. To acquire knowledge of the development process of wholesale markets through the study of Japanese cases. 2. To acquire knowledge of the function and management of wholesale markets, which are operated under integrated rules based on wholesale market law. 3. To acquire the knowledge of production and dispatch in producing districts and retail sales in consumer markets. 4. To acquire distribution management skills for the systematic and comprehensive development of the distribution of fisheries products in their respective countries. 5. To make an action plan to promote distribution measures for fisheries products with knowledge gained through training.	1. Administrators who are in charge of the implementation of modernization measures for wholesale markets or the distribution of fisheries products, with practical experience of at least 5 years, (The programme of this training course is focused on the wholesale market system and distribution through wholesale markets.) 2. Individuals under 40 years of age, 3. Individuals with a sufficient command of spoken and written English.	
CONTENTS	PROGRAM PERIOD	Aug.20.2007 ~ Oct.26.2007
A: Lecture: Wholesale market, Producer, Aquaculture, Retailer, Consumer B: Market Observation Wholesale market, Wholesale company, Intermediate wholesaler C: Training on Location (Retail market and large-scale retail store) Purchase process, Sale process (Producer) Dispatch process, Freight process D: Practical Training Foodstuff packaging, Marine products, processing	IMPLEMENTING PARTNER	THE OSAKA MUNICIPAL CENTRAL WHOLESALE MARKET
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	The topic of this program is carried out with "Fresh fruit and vegetables" and "Fisheries products" every other year. FY 2007 is "Fisheries products".

Nature Conservation

〈自然環境保全〉


Nature Conservation


Standard Category	Objective	Leaders Training Programs
Sustainable Use of Natural Resources	To establish and improve policies and institutional system (framework) for the sustainable use of natural resources	
	To establish and strengthen organizations for the sustainable use of natural resources	
	To establish and improve an extension system for the sustainable use of natural resources	
	To support sustainable livelihood improvement due consideration of the sustainable use of natural resources	
	To raise awareness of the stakeholders for the sustainable use of natural resources	
Sustainable Forest Management	To establish and improve policies and institutional system (framework) for the sustainable forest management	RFC) Capacity Building for Officers dealing with AR-CDM Project for Asia-Pacific Region and South & Central America 0784202 TG: administrative and technical official, researcher
	To establish and strengthen organizations (organizational set-up) for the sustainable forest management	RFC) Criteria & Indicators (C&I) and Forest Certification for Pan-Pacific Countries 0784191 TG: administrative and technical official, researcher
	To develop capacities for basic research and survey required for the sustainable forest management	GTC) Research on Forest Environment and Resources 0780749 TG: researcher
	To develop and apply technologies for the sustainable forest management	RFC) Criteria & Indicators (C&I) and Forest Certification for Pan-Pacific Countries 0784191
	To raise awareness of the stockholders for the sustainable forest management	GTC) Practical Case Studies on Sustainable Forest Management 0780968 TG: technical staff and ranger for nature conservation
Biodiversity Conservation	To establish and improve policies and institutions for ecosystem conservation	RFC) Wetland Conservation for Southeast European Countries 0784178 TG: administrative and technical official, technical staff and ranger for nature conservation
	To establish and strengthen organizations (organizational set-up) for ecosystem conservation	GTC) Conservation, Restoration and Wise-Use of Wetland Ecosystems and Their Biological Diversity 0780865 TG: administrative and technical official
	To improve management plan and establishment of an implementing system for protected areas	GTC) Biodiversity Information System 0780789 TG: technical official
	To develop capacities for basic research and survey for ecosystem conservation	GTC) Management for Eco-Tourism and Sustainable Use of Natural Park 0780756 TG: administrative and technical official
	To develop and apply technologies for ecosystem restoration and prevention of further degradation	RFC) Wetland Conservation for Southeast European Countries 0784178
	To support sustainable livelihood improvement due consideration of the sustainable use of natural resources	GTC) Conservation, Restoration and Wise-Use of Wetland Ecosystems and Their Biological Diversity 0780865
	To raise awareness of the stakeholders for ecosystem conservation	RFC) Wetland Conservation for Southeast European Countries 0784178
Restoration of Degraded Area / Rehabilitation of Degraded Land	To establish and improve policies and institutions for the restoration of degraded land	
	To establish and strengthen organizations for the restoration of degraded land	
	To improve management plan and establishment of an implementing system for land use and the rehabilitation of vegetative condition	RFC) Capacity Building for Officers dealing with AR-CDM Project for Asia-Pacific Region and South & Central America 0784202
	To establish and improve an extension system for the restoration of degraded land	
	To develop capacities for basic research and survey for the restoration of degraded land	
	To develop and apply technologies for the restoration of degraded land in the light of (due consideration of) the land use pattern and local environmental condition	GTC) Research on Forest Environment and Resources 0780749
	To raise awareness of the stakeholders for the restoration of degraded land	
		RFC) Promoting Forest Ecotourism to Revitalize Regional Economies in Africa 0784188 TG: administrative and technical official
		RFC) Promoting Forest Ecotourism to Revitalize Regional Economies in Africa 0784188 TG: technical staff and ranger for nature conservation
		RFC) Promoting Forest Ecotourism to Revitalize Regional Economies in Africa 0784188
		RFC) Promoting Forest Ecotourism to Revitalize Regional Economies in Africa 0784188





Promoting Forest Ecotourism to Revitalize Regional Economies in Africa アフリカ地域 森林エコツーリズムの推進による地域経済活性化プログラム		0784188
Target Countries : Africa		12 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Participants are expected to acquire essential knowledge and practical skills on sustainable forest administration and management necessary to develop appropriate forms of sustainable forest eco-tourism in their respective countries. Upon successful completion of the course, participants will be expected: (1) To understand the conceptual frameworks of sustainable ecosystems; (2) To understand the basic knowledge and practice of sustainable forest management; (3) To deepen their understanding on the participatory approach of sustainable eco-tourism including forest eco-tourism; and (4) To be able to propose action plans for accomplishing integrated forest management in their respective countries	(1) Administrative officers in charge of the eco-tourism development, forest management, agro-forestry management, and/or sustainable land management in governmental bodies, or researchers who contribute to policy decision-making (2) Individuals with at least three (3) years of practical experience in the field of forest management and/or Eco-tourism development (3) Understanding of the general concepts of forest management, eco-tourism, and sustainability (4) University graduates or equivalent	
CONTENTS	PROGRAM PERIOD	Aug.28.2007 ~ Sep.27.2007
Preparatory phase: Participant should prepare a "Country Report" which describes the present situation and problems related to eco-tourism development and (sustainable) forest management. Curriculum in Japan: (1) Country Report Presentations (2) Sustainable forest management: Conceptual frameworks of sustainable forest management, administration, education on environment, timber industry, forest management union (3) Sustainable eco-tourism including forest eco-tourism: New concepts of sustainable tourism, sustainable tourism promotion in Japan(with case studies). (4) Tourism in Hokkaido and others: sustainable forest development case studies, forest management in local government/community, (5) Proposition of action plans	IMPLEMENTING PARTNER	Hokkaido University
	JICA CENTER	Sapporo International Center
	COOPERATION PERIOD	2006~2008
	REMARKS	Expected number of participants per country: 2-3

Criteria & Indicators (C&I) and Forest Certification for Pan-Pacific Countries 環太平洋地域 C&I・森林認証		0784191
Target Countries : Pacific rim countries		8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Participants are expected to enhance their knowledge on the concept of Criteria and Indicators and enhance their capacities of application of C&I for sustainable forest management thus contribute to the support of the private sectors's activities such as forest certification and labelling scheme.	【Target Organizations】 Government departments in charge of forest management 【Target Group】 Administrators/researchers in charge of the development and application of Criteria & Indicators for sustainable forest management	
CONTENTS	PROGRAM PERIOD	Oct.2.2007 ~ Nov.17.2007
〔Lectures & Observation〕 - Criteria & Indicators (C&I) - MAR (Monitoring, Assessment and Reporting) - Forest Certification Systems / Labeling Systems - Certified timber /Certified forest products - Case study of Sustainable Forest Management in which Forest Certification Systems are applied 〔Others〕 - Country Report Presentation - Discussions - Action Plan Presentation	IMPLEMENTING PARTNER	Hokkaido Research Center, Forestry & Forest Products Research Institute
	JICA CENTER	Sapporo International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Conservation and Sustainable Management of Mangrove Ecosystems マングローブ生態系の持続可能な管理と保全		 0780015 Nature Conservation—Sustainable Use of Natural Resources English
Target Countries : Countries with mangrove area		6 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>To enable participants to understand the techniques and methods of conservation and rehabilitation of mangrove ecosystems, and understand the importance of the integrated management of coastal ecosystems.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand the main roles and functions of mangrove ecosystems, and to acquire knowledge on the importance of conservation, monitoring, and sustainable utilization of mangrove resources.</p> <p>(2) To acquire basic knowledge on plant taxonomy, forest ecology, nursery practices and plantation techniques.</p> <p>(3) To understand the integrated relation of mangrove ecosystems and their neighboring sea-grass ecosystems and coral reefs and the importance of integrated management of those coastal ecosystems.</p> <p>(4) To acquire basic techniques of making promotional or educational materials, which can be used in one's own country/region, effective methods of presentation, and simple methods of making project proposals.</p>	<p>[Target Organizations] Those engaged in mangrove conservation or management</p> <p>[Target Group] (1) Individuals with at least 3 years of experience in the above-mentioned field (2) Individuals presently working in the field of conservation/rehabilitation of mangroves as a leader (or an expected leader) (3) Individuals 24-40 years of age</p>	
CONTENTS	PROGRAM PERIOD	May.29.2007 ~ Aug.18.2007
<p><Preparatory phase> Formulating a country report describing the present situation of mangrove ecosystems in the participants' countries and roles of their organization.</p> <p><Program in Japan> This program consists of lectures, field work, discussion, report-making/presentation, and observation tours.</p> <p>(1) Ecology and plant physiology (2) Silviculture (3) Management plan and strategy (4) Coastal ecosystems conservation (5) Public awareness and environmental education (6) Report/action plan-making (7) Presentation of an action plan</p>	IMPLEMENTING PARTNER	INT'L SOCIETY FOR MANGROVE ECOSYSTEMS(ISME)
	JICA CENTER	Okinawa International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	* Joint Program with "Management Conservation of Coral Reef Ecosystem in the Asia-Pacific Region" Program (J0700667)


Environmental Education for Sustainable Development-Conservation of Coastal Ecosystems for Lives of Local Communities- 持続可能な開発のための環境教育—沿岸生態系と住民生活の保全— Target Countries : Maritime Countries with tropical or sub-tropical areas		 0780031 Nature Conservation—Sustainable Use of Natural Resources 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>To enable participants to understand the importance of promoting a community based approach, human networking for sharing information and experience and a wide range of participation of community, which are proposed in the 'United Nations Decade of Education for Sustainable Development' and 'ACD (Asia Cooperation on Dialogue) of environmental education', and to promote those activities through education for sustainable development or environment education.</p> <p>To reach the objective, participants are expected to achieve the following outputs:</p> <p>(1) Understand the functions, roles and importance of integrated coastal ecosystems including mangrove, sea grass and coral reef ecosystems and understand how to sustainably use those resources in harmony with local residents and communities.</p> <p>(2) Understand what is environmental education for sustainable development.</p> <p>(3) Understand simple methods of monitoring coastal ecosystems, and sustainable utilization, such as eco-tourism.</p> <p>(4) Write a practical program and action plan in order to make proposals for their communities or policy proposals for their governments on education for sustainable development after return.</p>	<p>[Target Organizations] Organizations presently engaged, or who may be engaged in future in designing, promoting or practicing education for the sustainable development or environmental education (public sector, local government, private sector or NGOs, etc.)</p> <p>[Target Group] (1) Individuals engaged in the above-mentioned fields (2) Individuals engaged in environmental education for at least 2 years (3) Individuals 24-35 years of age</p>	
CONTENTS	PROGRAM PERIOD	Sep.25.2007 ~ Nov.10.2007
<p><Preparatory phase> Formulating a country report describing the present situation of environmental education in the participant's country and the role of their organization.</p> <p><Program in Japan> This course consists of lectures, practical exercises, discussions, making and presenting reports, and observation tours.</p> <p>(1) Environmental education for sustainable development (2) Coastal ecosystems conservation (3) Traditional uses and eco-tourism (4) Simple methods for monitoring (5) Making action plan (6) Presentation of an action plan</p>	IMPLEMENTING PARTNER	INT'L SOCIETY FOR MANGROVE ECOSYSTEMS(ISME)
	JICA CENTER	Okinawa International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	This program will promote "A Prime Mover Project in the Asia Cooperation Dialogue (ACD) of Japan Environmental Education."

Research on Forest Environment and Resources 森林環境・資源研究		 0780749 Nature Conservation—Sustainable Use of Natural Resources 5 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
[Objective] - The objective of this program is to upgrade the knowledge and skills of researchers in the field of forest function research, forestry research, and forest products research. To reach the objective, participants are expected to achieve the following: 1) To acquire comprehensive knowledge and latest information on forest research and Japanese forest administration 2) To learn basic concept to carry out research activities by themselves 3) To master basic methods of forest research through experiment, practice, analysis, discussion and report writing 4) To build a broad network with other researchers	[Target Organizations] - Public research institutes, universities in the field of forest function research, forestry research, and forest products research [Target Group] 1) Research scientists in the field of forest function research, forestry research, and forest products research in the above-mentioned organizations 2) University graduates or equivalent qualification 3) Individuals with at least 3 years of research experience	
CONTENTS	PROGRAM PERIOD	Aug.27.2007 ~ Nov.23.2007
Preparatory phase: - Participants will make a country report Program in Japan: - There are three main themes of this program, namely, forest function research, forestry research, and forest products research. Only one theme is focused on in one year, therefore, this program is run on a three-year cycle. - According to the subject determined before coming to Japan, participants will be assigned as a member of the laboratory of the host researcher, conduct research under the supervision of the host researcher, and write up the results in a final report. By the end of the program, the participants will make a draft paper on how the research subject will be evolved in their respective organizations and will contribute for solving the issue in the field of environmental technology in their countries. Development phase: - The draft paper will be shared with the respective organizations of the participants. At 6 months after the end of the program in Japan, the participants will report the progress of their activities in their organizations to Japan.	IMPLEMENTING PARTNER	Forestry and Forest Products Research Institute
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	Website: http://www.ffpri.affrc.go.jp/

Management for Eco-Tourism and Sustainable Use of Natural Park 自然公園の管理・運営と利用（エコツアー）		 0780756 Nature Conservation—Sustainable Use of Natural Resources 6 participants / English
Target Countries : Excluding tropical area		
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
To develop human resources who enhance the awareness on conservation of the environment and wise use of natural resources and promote them in their countries based on the idea of international environmental laws. To reach the objective, participants are expected to achieve the following (1) To understand the systems and ideas on conservation of the environment, management and wise use of natural resources, and community development implemented in Japan (2) To understand the systems, ideas and methods of eco-tourism, and to be able to formulate applicable plans to each country in cooperation with international environmental laws (3) To understand the importance of environmental education and to be able to formulate applicable plans to each country in cooperation with community development	1) Middle-ranking administrators who are responsible for nature conservation, and the management and administration of natural parks and promotion of environmental education in the Central/regional governments 2) Individuals with at least 2-3 years of experience in the above mentioned field 3) Those who are in good health mentally and physically and not pregnant because this program includes a lot of field work 4) Age: 28- 38 years old	
CONTENTS	PROGRAM PERIOD	Sep.17.2007 ~ Nov.4.2007
Preparatory phase: To submit a Job Report, which includes an introduction of work, problems faced in the participants' country, fields of particular interest and the reason, as well as a questionnaire. Program in Japan: This course consists of lectures, practical exercises, observations and discussions. 1) National Parks in Japan, Eco-tourism policy in Japan, Monitoring method on wetland 2) Case study of establishment of nature trails and nature guide, Nature observation by sea kayaking, Examples of eco-tour programs in cooperation with local industries, Protection of wildlife and eco-tours, Combination between eco-tours and mass-tours, Traditional culture and eco-tours, Eco-tour management by local people, Summary of eco-tourism 3) Protection of wildlife and environmental education, Environmental education in local areas To make a concrete Action Plan, which describes project objectives, outputs, major activities, etc. after returning.	IMPLEMENTING PARTNER	KUSHIRO INTERNATIONAL WETLAND CENTRE
	JICA CENTER	Obihiro International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	* Excluding tropical areas because the training field in Japan does not include tropical areas.

Environmental Management of Regional Drainage Basin 地域流域環境管理		0780765 Nature Conservation—Sustainable Use of Natural Resources 8 participants / English	
Target Countries : delta and desert areas are excluded.			
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
To develop human resources who are capable of formulating policies and plans through the method of environmental management by the unit of each drainage basin from source area of river to river mouth. To attain the objective, participants are expected to achieve the following: (1) To understand the principles of environmental management of regional drainage basins and the fundamental method of landscape ecology (2) To understand the method of waterworks for environmental management in drainage basins (3) To understand the method of citizens' participation and public involvement in the environmental management of regional drainage basins (4) To understand essential knowledge for formulating plans/drafts of projects on the environmental management of drainage basins in their countries	[Target Group] 1) Technical officers, planners, researchers or educators engaged in improvement, development and research activities for the environmental management of the drainage basin 2) Background in geography, geomorphology, hydrology, water, river, and wildlife management, ecological and soil conservation 3) At least 3 years of experience 4) To be under forty (40) years of age, and not pregnant, as the schedule of this course includes many field trips.		
CONTENTS	PROGRAM PERIOD	May.6.2007 ~ Jul.21.2007	
Preparatory phase: To submit a Job Report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason as well as a questionnaire Program in Japan: This program consists of lectures, practical exercises, observation and discussion. (1) Landscape ecology and its application to river works, Environmental management of drainage basin by GIS, Forest management and landscape ecology (2) River monitoring and water quality conservation, Flood control, Waterworks, Sewage treatment, Agriculture and drainage environment management, Ground water (3) River restoration and citizens' participation, Afforestation and citizen's' participation, NGO activities (4) Project formulation method (Method of Project Cycle Management), Guidance of Action Plan making To make a concrete Action Plan which describes project objectives, outputs, major activities and etc., after returning home.	IMPLEMENTING PARTNER	Hokkaido University, City of Obihiro	
	JICA CENTER	Obihiro International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS	Follow-up cooperation for supporting seminars / workshops in respective countries is under consideration.	

Forest Watershed Environment, Soil and Water Conservation Technology 森林流域環境、水土保持技術		0780970 Nature Conservation—Sustainable Use of Natural Resources 6 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
Participants are expected to acquire various relevant methods or skills, with the emphasis on the implementation of watershed forest management, which plays a vital role for the watershed environment and water soil conservation and they are also required to be able to plan, operate and improve forest conservation activity, afforestation and especially that of participation by the citizens. To reach the objective, participants are expected to achieve the following results: 1) To understand soil taxonomy and conduct a soil profile survey and simple soil analysis, 2) To understand the role of forest and soil in the hydrological cycle, soil & water conservation, and CO2 sink, 3) To understand the forest operation and simple erosion control method, which are required for soil & water conservation in forests, 4) To understand the Clean Development Mechanism and the Japanese forest management system, which involves multiple beneficiaries and activities related to Afforestation/Reforestation, 5) To formulate an action plan for environmental conservation and soil & water conservation in the watersheds of each participant's country	Official technical staff responsible for administration for forest and forestry, or NGO's project managers related to soil and water conservation or equally experienced persons.		
CONTENTS	PROGRAM PERIOD	Aug.26.2007 ~ Oct.31.2007	
The program mainly covers the following subjects in the lectures and field work: 1. Forest soil survey 2. Forest hydrology and theory of water conservation and erosion control 3. Soil & water conservation technologies in subtropical zone 4. Social institution and policy with relation to soil & water conservation 5. Formulation of a concept of action plan	IMPLEMENTING PARTNER	JAPAN FOREST TECHNOLOGY ASSOCIATION	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Planning & Management of Eco-tourism in Tropical and Subtropical Area 熱帯・亜熱帯地域におけるエコツーリズム企画・運営 Target Countries : Maritime Countries with tropical or sub-tropical areas		 0780843 Nature Conservation—Sustainable Use of Natural Resources 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>To enable participants to learn the methods of planning and implementation of eco-tourism utilizing tourism resources in island countries of tropical and subtropical areas, such as coral reefs and mangroves, to plan and implement eco-tourism which balanced with environment management.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To gain the knowledge and skills necessary to plan and manage eco-tourism in a locality.</p> <p>(2) To understand the eco-tourism implementation system such as human resource development, utilization, etc. in Okinawa.</p> <p>(3) To understand the resource distribution survey and arrangement method used in Okinawa.</p> <p>(4) To prepare and present an eco-tourism program using area resources.</p> <p>(5) To prepare and present an action program.</p>	<p>[Target Organizations] Engaged in the planning and management of tourism development and eco-tourism (administrative agencies, public corporations or NGOs, which work together with administrative agencies)</p> <p>[Target Group] (1) Individuals with at least 3 years of experience in the above-mentioned field (2) Individuals under 35 years of age</p>	
CONTENTS	PROGRAM PERIOD	Apr.3.2007 ~ Jun.16.2007
<p><Preparatory phase></p> <p>(1) Formulating a country report describing the present situation of eco-tourism in the participants' countries and roles of their organizations.</p> <p>(2) Formulating a job report describing the participants' detailed work in their organizations.</p> <p><Program in Japan></p> <p>(1) Lectures</p> <ul style="list-style-type: none"> - Understanding eco-tourism: the current state and issues. - Understanding government sector initiatives toward tourism development and environmental conservation. - Understanding the natural environment and conservation efforts in tropical and subtropical areas. - Resources development (including human resources), presentation, etc. <p>(2) Fieldwork</p> <p>(3) Preparation and presentation of eco-tour program and action plan</p> <p>(4) Observation</p>	IMPLEMENTING PARTNER	Okinawa Environment Club
	JICA CENTER	Okinawa International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	<p>(1) Carrying out an "Issue analysis workshop".</p> <p>(2) JICA-Net lecture by the ex-participants (Sri Lanka) of this course.</p>


Forest Management Through Coexistence 共生による森林保全		0780919 Nature Conservation—Sustainable Use of Natural Resources 12 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
Human resources are fostered to lead the conservation of existing forests, coexistence of humans and forests and forest development in each country. To reach the objective, participants are expected to achieve the following: (1) To understand how to efficiently promote both forest conservation and human activities in harmony and to achieve results. (2) To understand best way to benefit from forest and the grasping method of forest resources (3) To understand the roles for conservation of biological diversity played by forests	1) Have knowledge about forestry science and related basic knowledge about natural and social science with at least 5 years of experience in forest administration and forest management 2) University graduate or equivalent 3) Age: Preferably under 40 years old 4) Not pregnant because this program includes many field trips		
CONTENTS	PROGRAM PERIOD	Aug.26.2007 ~ Nov.16.2007	
Preparatory phase: To submit a Job Report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason. Program in Japan: This program consists of lectures, practical exercises, observation and discussion. (1) Outline of forests and forestry in Japan, Local administration and forests, Balancing forest conservation and human activities (2) Forest resource determination methods, Harvest investigation, Pilot forests, Basic knowledge of forest management, Use of forestry products, Biomass energy (3) Breeding and genetic resources of forests, Forest vegetation and animals, Subtropical and mangrove forests, Forests and oceans, Wetland conservation, Prevention of global warming and forests, Nature conservation in Hokkaido To make a concrete Action Plan, which describes project objectives, outputs, major activities, etc. after returning.	IMPLEMENTING PARTNER	Japan Overseas Forestry Consultants Association	
	JICA CENTER	Obihiro International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS		


Practical Case Studies on Sustainable Forest Management 持続可能な森林経営の実践活動促進		0780968 Nature Conservation—Sustainable Use of Natural Resources 16 participants / English	
Target Countries : Countries with over one million ha. of forest			
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
This program is designed to acquire various methods to improve and develop participant's capabilities of practical leadership in the policy-making, institutional and technical implementation useful for sustainable forest management. Through the training program, participants are expected to acquire technology and knowledge in the following items: (1) Criteria and Indicators of SFM (2) Forest resource monitoring (3) National forest program (4) Participatory approach of forest management and Rural Appraisal (5) Action Plan preparation and presentation	(1) Technical staff in charge of forest management, planning and monitoring in the governmental organizations and with more than five years of experience (except for researchers at research institute and PhD holders (2) University graduate or equivalent (3) Age: under 45 years old (4) Individuals with a sufficient command of spoken and written English		
CONTENTS	PROGRAM PERIOD	Aug.21.2007 ~ Nov.10.2007	
(1) Introduction of Sustainable Forest Management(SFM) (2) Criteria and Indicators of SFM (in the world and in Japan) (3) Forest Resource Monitoring Method (GIS, Remote Sensing, Botanical Survey) (4) National Forest Program (Forest Policy and Planning in Japan, Forest Protection, National Park) (5) Participatory Approach of Forest Management (6) Participatory Approach of Rural Appraisal (7) Preparation and Presentation of Action Plan	IMPLEMENTING PARTNER	FOREST TRAINING INSTITUTE, FORESTRY AGENCY	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Participating countries should have over one million ha. of forest, representing at least 10% of total land area.	

Wildlife Conservation and Management for Africa アフリカ地域野生生物保護管理		0784030	
Target Countries : Africa		Nature Conservation—Conservation of Biodiversity	
		10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>(1) Understand the basic theory of wildlife management and wildlife research methodology as well as its analysis skills, for the improvement of wildlife research activities.</p> <p>(2) Understand the present situation of wildlife management of other countries for the improvement of wildlife protection and management activities.</p> <p>(3) Understand how to formulate an implementation plan (action plan) applying information and knowledge obtained through the course, for the improvement of wildlife management or research activities.</p>	<p>Technical officials who are engaged in wildlife management and research work in government or parastatal organizations with three (3) years or more of experience.</p>		
CONTENTS	PROGRAM PERIOD	under planning	
<p>The curriculum consists of the following three parts.</p> <p>(1) Lectures</p> <ul style="list-style-type: none"> Basic theory of wild-life management research method Management/Analysis of research data and creation of information systems Basic wildlife policies and their historical background in Japan and other countries. System of natural parks in Japan and other countries, their management and use for tourism. <p>(2) Field visit</p> <p>(3) Presentation and discussion</p> <ul style="list-style-type: none"> Country report presentation Case studies of wildlife conservation and management Comprehensive discussion concerning the current situation of wildlife management in Africa. Action plan (preparation, presentation and discussion) 	IMPLEMENTING PARTNER	Japan Wildlife Research Center	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

Wetland Conservation for Southeast European Countries 南東欧地域湿原保全		▼ 0784178
		Nature Conservation—Conservation of Biodiversity
Target Countries : Southeast European Countries		7 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>To develop human resources who understand the techniques and tackling of wetland conservation, management and restoration and rehabilitation in Japan. To be able to distinguish the method and techniques which fit the actual circumstances of participants' countries. Moreover participants are capable of making policy and plans so that they can establish a cooperation system of related organizations and neighboring countries</p> <p>1) Understanding Japan's system and ideas for natural environment conservation and regional development 2) Understanding international cooperation associated with the Ramsar Convention, World Heritage Convention, and Convention on Biological Diversity 3) Acquiring knowledge and skills related to wetland restoration and rehabilitation 4) Understanding the importance of environmental education and applying ideas for programs in own countries 5) Interregional cooperation: Creating a clear orientation for the establishment of cooperative systems for the conservation of cross-border wetlands</p>	<p>Organizations that are directly involved with tasks related to natural conservation, the management of natural parks, and the spread of environmental education</p> <p>Target Group: (1) To be directly involved with tasks related to natural conservation, the management of natural parks, and spread of environmental education. (2) To have more than five (5) years of experience in this field. (3) To be no more than forty (40) years of age due to a lot of field work involved (4) To be university graduates or the equivalent.</p>	
CONTENTS	PROGRAM PERIOD	Aug.21.2007 ~ Sep.22.2007
<p>Preparatory phase: To submit a Job Report which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason, as well as a questionnaire.</p> <p>Program in Japan: This program consists of lectures, practical exercises, observation and discussion. 1) Japan's natural environment and wetland conservation, Japan's wetland conservation administration, Japan's biodiversity conservation administration 2) Strategy on Japan's biodiversity conservation administration, Ramsar Convention 3) Wetland restoration and rehabilitation, Wildlife conservation and management, Wise use of wetland environments 4) Environment education, Regional efforts toward wetland conservation 5) Wetland conservation promoted by international organizations, research on cross-border migratory birds' flyways</p> <p>To make a concrete Action Plan, which describes projects, outputs, major activities and etc., after returning.</p>	IMPLEMENTING PARTNER	Hokkaido University Ramsar Center
	JICA CENTER	Obihiro International Center
	COOPERATION PERIOD	2006~2008
	REMARKS	Questionnaire on the effects of the program and execution of the Action Plan

Management and Conservation of Coral Reef Ecosystem in Asia Pacific Region サンゴ礁生態系の保全管理（アジア・太平洋地域） Target Countries : Asia and Pacific countries with coral reefs		0780011 Nature Conservation—Conservation of Biodiversity 7 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>To enable participants to understand the methods of necessary surveys and policies to promote the conservation and sustainable use of coral reefs, and the importance of integrated management of coastal ecosystems.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand the role of coral reefs, the relationship between coral reefs and human activities, and the importance of the proper management of coral reefs.</p> <p>(2) To understand the theory and methodology of the conservation and restoration of coral reefs.</p> <p>(3) To understand tourism and the environmental education of coral reefs.</p> <p>(4) To understand methods of planning and designing the integrated management of coral reefs and to make a management plan (or action plan) of their countries.</p> <p>(5) To understand the importance and various methods of monitoring of coral reefs.</p>	<p>[Target Organizations] Administrative body (both central and local) engaged in coral reef conservation or the development planning of coastal areas and its resources</p> <p>[Target Group] (1) Administrative officials presently engaged in coral reef conservation or development planning of coastal areas and its resources (2) Individuals with practical experience of 5 years or more in the field mentioned above (1) (3) Individuals under 45 years of age (4) Individuals with sufficient skills to snorkel in a sea</p>		
CONTENTS	PROGRAM PERIOD	May.29.2007 ~ Jul.28.2007	
<p><Preparatory phase> Formulating a country report describing the present situation of coral reefs in the participants' countries and roles of their organization.</p> <p><Program in Japan> This program consists of lectures, practical exercises, discussions, report-making/presentation, and observation tours. The main subjects are as follows: (1) Conservation and sustainable management of coral reef ecosystems (2) Methods of monitoring and conserving coral reef areas (3) Tourism and environmental education of coral reefs (4) Collaborative management of coastal areas with stakeholders (5) Making and presenting the action plan (6) Joint program with the mangrove program</p>	IMPLEMENTING PARTNER	Japan Wildlife Research Center	
	JICA CENTER	Okinawa International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Joint program with "Conservation and Sustainable Management of Mangrove Ecosystem" (0780015)	

Biodiversity Information System 生物多様性情報システム		 0780789
		Nature Conservation—Conservation of Biodiversity 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
The participants are expected to acquire knowledge and techniques on the data collection and a plan to improve the methods of dissemination and management of the biodiversity information. Participants are expected to: (1) Understand Nature Conservation Policy in Japan (2) Acquire a collection of biodiversity information (3) Acquire GIS (Geographic Information System) for the management and dissemination of information (4) Acquire practical dissemination of biodiversity information by Internet (Web design and application) (5) Formulate and present an Action Plan with regard to planning to improve methods of dissemination and management of the biodiversity information, based on the training of (1) ~ (4) .	(1) Technical staff members of the Department of Nature Conservation or Biodiversity Conservation with 2 or more years of experience in this field (2) University graduates or equivalent (3) Age: under 40 years old (4) Individuals with a sufficient command of spoken and written English (5) Individuals with a basic knowledge of the MS-Windows operation system and related software (i.e. Excel, Word)	
CONTENTS	PROGRAM PERIOD	Sep.25.2007 ~ Nov.7.2007
(1) Outline of Policy for biodiversity conservation in Japan (2) Outline of the data collection, management and dissemination of biodiversity information (3) Collection of biodiversity information (4) Practice of building an Internet homepage (5) Practice of using GIS (6) Practice of using a Database This program aims to acquire techniques on the collection, analysis, treatment and dissemination of existing data and does not aim to acquire methodologies of collection data on the field survey. This program is designed for mainly technical staff members of the Dept. of Nature Conservation or Biodiversity Conservation to acquire the above-mentioned techniques and to upgrade PC skills is not the main purpose of the program.	IMPLEMENTING PARTNER	Biodiversity Center of Jp., Min of the Environment
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2003~2007
	REMARKS	Implementing Institution: http://www.biodic.go.jp/ Biodiversity Center, Nature Conservation Bureau, Ministry of the Environment Managing institution of training : Japan Wildlife Research Center(JWRC)

Conservation, Restoration and Wise-Use of Wetland Ecosystems and Their Biological Diversity 湿地における生態系・生物多様性とその修復・再生及び賢明な利用		 0780865
		Nature Conservation—Conservation of Biodiversity 6 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
To understand wetland conservation and its sustainable ecosystems and biological diversity on Ramsar Convention and Biological Diversity Conservation, and to acquire the restoration and rehabilitation of wetland, moreover a method involving the wise-use of natural resources in wetland. To attain the objective, participants are expected to achieve the following: (1) To understand methods of the survey and utilization of database on wetland environments and biodiversity conservation (2) To understand the philosophy, knowledge, information and policy for execution concerning the Ramsar Convention (3) To understand restoration related to biological changes in the Ramsar Convention wetlands and wildlife habitats (4) To understand the wise-use of wetland environment and its natural resources (5) To be able to formulate an action plan on conservation, restoration and the wise-use of wetland ecosystems and their biological diversity	1) Mid-ranking administrators, including engineers in the Central/regional governments engaged in measures for the conservation of wetland environments and biodiversity, the restoration and rehabilitation of ecosystems, wise use of natural resources, etc. 2) University graduates or equivalent 3) Individuals with 3-8 years of experience in this field 4) Age: 28-38 years old 5) Individuals in good health and not pregnant because this program includes a lot of field work	
CONTENTS	PROGRAM PERIOD	May.15. 2007 ~ Jul.4.2007
Preparatory phase: To submit a Job Report, which includes an introduction of work, problems faced in the participant's country, fields of particular interest and the reason, as well as a questionnaire Program in Japan: This course consists of lectures, practical exercises, observations and discussions. (1) Wetland monitoring survey methods, Bird banding survey method, Utilization of biodiversity databases, Biodiversity conservation administration in Japan (2) Philosophy of the Ramsar Convention, Method involved in the wise-use of wetland environments, Wetland conservation in subtropical wetlands (3) Conservation of traditional culture and biodiversity, Nature and wetland recovery administration in Japan, Local activities for wetland conservation, Wildlife conservation in the local area (4) Biodiversity conservation in village forests, Wise-use of biodiversity, Wise-use of wetlands in local area, Environmental education for wetland conservation, Wise-use of subtropical wetlands (5) Discussion for Action Plan	IMPLEMENTING PARTNER	KUSHIRO INTERNATIONAL WETLAND CENTRE
	JICA CENTER	Obihiro International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	Questionnaire on the effects of the program and execution of the Action Plan

Rehabilitation of degraded lands in Asia and Africa アジア・アフリカ地域荒廃地の植生回復		0784210
Target Countries : Asian and African Countries		10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The course is designed to enhance participants' practical skills, understanding and knowledge of land rehabilitation, taking into account the unique environmental and socio-economic conditions of specific local areas.</p> <p>At the end of the course, participants are expected to:</p> <p>(1) understand the ecological approaches and methods in rehabilitating degraded lands with a special emphasis on the uniquenesses of indigenous ecosystems</p> <p>(2) deepen understanding of integrated land use planning, natural resource management and public involvement through hands-on activities for ecological and rehabilitation.</p>	<p>【Target Organizations】 Organizations engaged in the planning and implementation of rehabilitation of degraded lands (e.g. Forestry Agency/Ministry of Agriculture and Forestry; Land Use Planning Agency, University)</p> <p>【Target Group】 (1) Senior technical staff or researchers engaged in land rehabilitation planning and implementation at a local government level, especially at a community (2) University graduates or the equivalent (3) Individuals under the age of 46 (4) Individuals with a good command of spoken and written English</p>	
CONTENTS	PROGRAM PERIOD	Nov.6.2007 ~ Dec.19.2007
<p>1. Understanding the basic idea for land rehabilitation by lectures and works:</p> <p>1) An ecological approach to restore indigenous vegetation (phytosociology, syntaxonomy, plant taxonomy, regional vegetation monographs, mapping actual and the potential natural vegetation, natural history); 2) planning for ecosystem conservation and restoration based on vegetation ecology; 3) land rehabilitation techniques for unique local ecosystems (reforestation techniques based on the concept of potential natural vegetation, creating the environmental protection forest); 4) ecological monitoring and evaluation of the quality, structure, and function of the restored ecosystem; 5) integrated land use planning and sustainable natural resource management for preventing land degradation</p> <p>2. Presentation: 1) Job Report at the first stage of the course; 2) Draft Action Plan at the final stage of the course describing the participant's recommendations and hands-on activities for the land rehabilitation in their countries.</p>	IMPLEMENTING PARTNER	Japanese Center for International Studies in Ecology
	JICA CENTER	Yokohama International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	All the nominees are requested to submit a Job Report describing their responsibilities, problems faced in their countries, field of particular interest and the reason.

Fisheries

〈水産〉

Fisheries

Standard Category		Leaders Training Programs				Solution Creation Programs		
Objective								
Fishing village development	Increase of income from fisheries	RFC) Maintenance of Refrigeration System for Caribbean countries 0784215 TG: refrigeration engineer			GTC) Coastal Fishing Technique for Sustainable Resource Use 0780975 TG: administrative and technical official in charge of fisheries			
	Diversification of income sources		GTC) Gender Mainstreaming in Fishing Community Development 0780976 TG: administrative official in charge of development and extension of fishing community		GTC) Sustainable Aquaculture Development 0780848 TG: aquaculture technician		GTC) Capacity Building for Local Government in Sustainable Regional Fishery Development 0780752 TG: local government official in charge of fisheries	GTC) Planning of Fisheries Community Development 0780852 TG: administrative official in charge of fishing community development
	Life improvement of fishing village dwellers					GTC) Coastal Fisheries Resource Management 0780863 TG: administrative official in charge of fisheries		
Stable food supply	Enhancement of fisheries production				GTC) Coastal Fishing Technique for Sustainable Resource Use 0780975			
	Development of aquaculture		GTC) Prevention of Cultured Fish Disease and Fish-Borne Disease 0780351 TG: administrative official and technician in the field of aquaculture	GTC) Stock management and Enhancement in the Sea 0780336 TG: administrative and technical official in charge of fisheries, researcher	GTC) Sustainable Aquaculture Development 0780848			
	Safety measures and quality control of fisheries products							
	Improvement of fisheries product processing and distribution/ Development of fisheries infrastructure	RFC) Maintenance of Refrigeration System for Caribbean countries 0784215						GTC) Planning of Fisheries Community Development 0780852
Fisheries resource management	Stock assessment				GTC) Coastal Fishing Technique for Sustainable Resource Use 0780975		GTC) Capacity Building for Local Government in Sustainable Regional Fishery Development 0780752	
	Fisheries management					GTC) Coastal Fisheries Resource Management 0780863		GTC) Planning of Fisheries Community Development 0780852
	Fishing ground conservation							
	Stock Enhancement		GTC) Prevention of Cultured Fish Disease and Fish-Borne Disease 0780351 TG: administrative official and technician in the field of aquaculture	GTC) Stock management and Enhancement in the Sea 0780336	GTC) Sustainable Aquaculture Development 0780848			

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The objectives of this training course are to nurture the ability to make fishery policy by utilizing regional resources and administrative skills. Participants are expected:</p> <p>(1) To understand the "law and system" and "economy and management" on fishery.</p> <p>(2) To understand the systems of resource management and fishery management and the structure of regional fishery through analysis of the statistics index.</p> <p>(3) To understand the merits of sustainable regional fishery as the resource management fishery.</p> <p>(4) To understand the policy measures, budgets, systems, financing, maintenance of facilities and administration, in order to realize sustainable regional fishery.</p> <p>(5) To increase the skills to prepare and promote fishery promotion policy as government officials.</p>	<p>(1) Regional fishery governmental officers with experience of regional fishery promotion and management</p> <p>(2) Individuals with at least 5 years of experience in fishery promotion administration</p> <p>(3) University graduates in fisheries or the related economy, management, administration and law</p>	
CONTENTS	PROGRAM PERIOD	Mar.2008 ~ May.2008
<p>(1) To raise awareness in order to make policy (Country and Job Report presentation/Issue Analysis Workshop).</p> <p>(2) To understand the systems and economy and to discover the issues of their own countries</p> <p>(3) "Law and system" and "economy and management" on fishery in Japan.</p> <p>(4) Resource management, regional fishery management and analysis of statistics index</p> <p>(5) Merits of sustainable regional fishery</p> <p>(6) Necessary policy measures for sustainable regional fishery</p> <p>(7) Administration of Japan and visit to an area with large consumption</p> <p>(8) Exercise and experience in municipality</p> <p>(9) Making 2 Action Plans (The plan for fishery promotion (draft) / Individual Action Plan (draft)).</p> <p>(10) To present and discuss the Action Plans shown above.</p>	IMPLEMENTING PARTNER	NATIONAL FISHERIES UNIVERSITY
	JICA CENTER	Chugoku International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Coastal Fisheries Resource Management 沿岸漁業資源管理		0780863 Fisheries—Fisheries Resource Management	
Target Countries : Maritime countries		10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>Participants will obtain the below-mentioned 3 goals, by learning the resources management methods, activities and roles of fisheries organizations in Japan.</p> <p>(1) To understand laws and systems concerning sustainable coastal fisheries management,</p> <p>(2) To enhance their knowledge and administrative capability of search methods and other techniques on coastal fisheries resource management,</p> <p>(3) To acquire planning capability on coastal fisheries resource management through the exercise of planning of action plan.</p> <p>(Organization of the participant is strongly recommended to formulate the coastal fisheries resource management plan based on the participant's action plan and to implement it.)</p>	<p>1. Individuals with more than 5 years of experience in the fisheries sector</p> <p>2. Division heads or equivalent administration officials presently engaged in planning of development policy in fishing sector</p> <p>3. University graduates or equivalent,</p> <p>4. Individuals under 51 years old</p>		
CONTENTS	PROGRAM PERIOD	Aug.14.2007 ~ Oct.4.2007	
<p>1. Preliminary Program Participants should study the designated documents, prepare a country report and submit it before coming to Japan</p> <p>2. Program in Japan The program is about 7 weeks in duration, including lectures, discussion, and observation tours. The topics covered are as follows: * Stock Assessment and Fisheries Management * Fisheries Management * Fisheries and the Environment * Increase of Fisheries Productivity * Fisheries Administration * Fisheries Education and Training * Problem analysis of Fisheries Management in the participants' respective countries</p> <p>3. Post-program Activities After the participants' return, (1) The actions described in the Report should be reviewed, authorized and implemented. (2) The result of the actions taken by the organization and the participant is reported as the Final Report at the time of 3 months after the return.</p>	IMPLEMENTING PARTNER	INTEM Consulting, Inc.	
	JICA CENTER	Yokohama International Center	
	COOPERATION PERIOD	2004~2008	
	REMARKS	<p>(1) The assessment of the contents of final reports will be realized.</p> <p>(2) The relevance of soft follow up cooperation will be assessed as the result of the final report.</p>	

Coastal Fishing Technique for Sustainable Resource Use 持続可能な沿岸漁業		0780975
		Fisheries—Fisheries Resource Management
Target Countries : Maritime countries		5 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Small-scale coastal fishing by artisan fishers accounts for the majority of the fisheries in developing countries. However, sustainable and effective fishing methods need to be diffused as resources decline.</p> <p>This program aims to enable participants to manage sustainable development and the diffusion of fisheries for the region for which the participants are responsible.</p> <p>To attain this objective, participants are expected to achieve the following:</p> <p>(1) To learn basic knowledge on the structure and capture function of fishing gear (2) To learn fishing methods predominating in coastal fisheries through practice (3) To learn the basic fishery resource biology, in particular, of target species in tropical coastal waters, (4) To learn the basic and applied knowledge of management of capture fisheries toward responsible fisheries, (5) To learn model method of proper management of capture fisheries through using one of major fishing gear, (6) To learn comprehensive technical approaches for the extension and regulations of fishing techniques</p>	<p>[Target Group]</p> <p>1. Individuals with more than 3 years of experience in fishing gear design and operation or engaged in extension service for coastal fishing techniques 2. University graduates or equivalent 3. Age: Preferably under 40 years old</p>	
CONTENTS	PROGRAM PERIOD	Mar.5.2008 ~ Jun.22.2008
<p>1. Introduction to fisheries and management in Japan, introduction to designing fishing gear, etc.:</p> <p>2. Measurement in fishing technology: Module</p> <p>3. Structure and operation of trawl: Module</p> <p>4. Fishing ground survey and devices: Module</p> <p>5. Bycatch/discard survey in set-net fishery: Module</p> <p>The module will provide both lectures and practice exercises (both at sea and on land)</p>	IMPLEMENTING PARTNER	KAGOSHIMA University
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	* As on-board training is included in this program, under 40 years of age is preferable.

Community-based Fisheries Diversification in Pacific Small Island States 大洋州地域 島嶼国漁村主導型水産業多様化促進 Target Countries : Oceania		0784038 Fisheries—Rural Development in Fisheries 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>Enable participants to understand the way of sustainable fisheries resources management by enhancing the skills and knowledge related to fisheries resources diversification (which refers to the way in Okinawa, such as producing and deploying submergible FADs (Fish Aggregation Devices))</p> <p>To attain the objective, participants are expected to achieve the following: (1) To understand various management and diversification methods in Okinawa's fisheries sector, such as FAD fisheries, aquaculture and tourism etc. (2) To understand possibilities and constraints for applying Okinawa's case to the Pacific region. (3) To understand actual situation, theme and possibilities of fisheries sector in Fiji as one of the example of the Pacific nation. (4) To prepare and make presentations of modified Action Plan.</p>	<p>【Target Organizations】 Administrative bodies engaged in fisheries resource management</p> <p>【Target Group】 Participants having taken part in the 1st year training program (As for a participant from the Federated States of Micronesia and Marshall Islands engaged in the field of fisheries resources management, new one is acceptable.)</p>		
CONTENTS	PROGRAM PERIOD	Sep.30.2007 ~ Nov.17.2007	
<p><Program in Japan> Implementing lectures, observation tours and practices related to the following topics: (1) Case study of tourism activities performed by fisherman in Okinawa (2) Activities related to aquaculture in Okinawa (3) Monitoring the effect of submergible FADs in Kunigami village (4) Reviewing the training program in the 1st year</p> <p><Program in Fiji> Implementing lectures, observation tours and practices related to the following topics: (1) Fisheries resource management method in Pacific small island states (2) Verifying the adaptability of the fisheries resource management method and marketing method utilized in Okinawa to Pacific small island states (3) Practices for producing and deploying submergible FADs in Pacific small island states (4) Establishment of a cooperative relationship with the major actors of the fisheries sector in Pacific small island states (5) Modification of an action plan which was formulated during the 1st year training program (J.F.Y.2006)</p>	IMPLEMENTING PARTNER	Okinawa Environment Club / Fisheries & Aquaculture Inter'l Co., Ltd.	
	JICA CENTER	Okinawa International Center	
	COOPERATION PERIOD	2006~2008	
	REMARKS	(1) Since this training program covers different topics each year, which are closely inter-related, the same participants are to participate in a 3 year program. (2) A program in Fiji is soon to be carried out in the 2nd year training program.	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The purpose of this program is to enhance participants' and their organizations' capabilities for comprehensive fishing community development through understanding of Japanese cases of community-based development in fisheries sectors.</p> <p>Outputs of the course are as follows: (1) To enhance the planning and management capabilities for fisheries community development. (2) To deepen the knowledge on sustainable fisheries development. (3) To deepen the knowledge on the institutional framework of community for fisheries development. (4) To formulate an appropriate fisheries development plan.</p>	<p>(1) Individuals with more than 5 years of experience in the fisheries sector and 2 years of experience in policy making/planning in the fisheries development, (2) University graduates or equivalent, (3) Age: Under 50 years old</p>	
CONTENTS	PROGRAM PERIOD	Jul.10.2007 ~ Sep.29.2007
<p>1. Preparatory Program (1) Sharing common problems and recognition of the same regarding fisheries community development with the participant's organization. (2) Preparing a country report, including a clear explanation of the present situation and problems regarding fisheries community development by the organization.</p> <p>2. Program in Japan (1) Sustainable fisheries development: Introducing the Japanese system of fisheries development and examples. (2) Institutional building and extension system: Formulating and managing fishermen organization, fishery extension system and service, and so on. (3) Comprehensive management for fisheries development: Introducing examples on coastal and the watershed environment, impact on aquatic resources, relations with other industries and so on. (4) Project planning and management: Analyzing problems and issues in the participants' own countries and introducing appropriate planning and management methods on community development plans. (5) Visit and Observation (6) Study report formulation and presentation: This study report will be prepared based on the country report and should be brushed up through acquainted knowledge of the course.</p> <p>3. Post-program Activities (1) Reviewing the study report with the organization.</p>	IMPLEMENTING PARTNER	I.C. Net Limited
	JICA CENTER	Yokohama International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	<p>The participant's organization is strongly recommended to bring the report to completion and implement it. (According to the scale of the proposed plan, the organization is expected to take actions such as carrying out the plan by itself, to utilize the report as a project proposal to donors, etc)</p> <p>Follow-up cooperation will be taken into consideration when a superior report is reviewed and finalized.</p>

Stock management and Enhancement in the Sea 海域における水産資源の管理及び培養		0780336	
Fisheries—Stock Enhancement and Aquaculture		7 participants / English	
Target Countries : Maritime countries		7 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The objective of this program is as follows:</p> <p>1. To Understand the following points</p> <p>(1) The method of hatchery enhancement</p> <p>(2) The method of seed-release situation</p> <p>(3) Conservation of the nursery ground and method arrangement of artificial reef</p> <p>(4) The importance of the fishery ground environment</p> <p>(5) The analysis method of environmental chemistry in fishing grounds</p> <p>(6) The method of improvement of coastal fishing ground</p> <p>(7) The statistical method on the evaluation of stocking effectiveness for fisheries resources.</p> <p>2.To make a Study Report</p>	<p>(1) University graduates or equivalent academic level with over 5 years of work experience</p> <p>(2) Individuals presently engaged in research and/or educational activities in fisheries</p> <p>(3) Individuals in good health to undergo fisheries field work</p>		
CONTENTS	PROGRAM PERIOD	Jul.2. 2007 ~ Oct.28.2007	
<p>This training course is formulated to cover the following programmes in order to obtain basic knowledge, both in theory and practice, of the marine farming:</p> <p>(1) Theory of Community Ecology, (2) Fisheries Pollution</p> <p>(3) Environmental Chemistry, (4) Fish Disease</p> <p>(5) Food nutrition for rearing</p> <p>(6) Preparing of Artificial Reef and Nursery Ground</p> <p>(7) Benthos and Plankton, (8) Hatchery Enhancement(Fish Seeding)</p> <p>(9) Seed- release Situation, (10) Fisheries Genetics</p> <p>(11) Statistical Method on the Evaluation of Stocking Effectiveness for Fisheries Resources, (12) Fish Taxonomy</p> <p>(13) Early Life History at Fishes, (14) Botany at Seaweed</p> <p>A self-study session is prepared for each participant' speciality, such as Fisheries Stock Management, Fisheries Ecology and Environmental Chemistry</p>	IMPLEMENTING PARTNER	USA MARINE BIOLOGICAL INSTITUTE, KOCHI UNIVERSITY	
	JICA CENTER	Shikoku International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Japanese intensive class(60hours at Kochi University)	

Prevention of Cultured Fish Disease and Fish-Borne Disease 養殖魚の健康と安全管理		0780351	
Fisheries—Stock Enhancement and Aquaculture		8 participants / English	
Target Countries : Countries with coastline or lakes suitable for seafood cultivation		8 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The objective of this program is to make a proposal for a food processing system for participants' countries.</p> <p>To attain the objective, participants are expected to achieve the following:</p> <p>(1) To understand the knowledge and techniques for preventing fish-diseases and fish-borne diseases</p> <p>(2) To understand the knowledge and techniques for fish processing</p> <p>(3) To understand the knowledge and techniques for fish handling for high quality products</p>	<p>[Target Organizations]</p> <p>National or regional governments in charge of promoting aquaculture, fish processing and distribution</p> <p>[Target Group]</p> <p>Administrators in charge of promoting aquaculture, fish processing and distribution for at least 3 years</p>		
CONTENTS	PROGRAM PERIOD	Sep.4.2007 ~ Nov.23.2007	
<p>(1) Country Report Presentation: Participants are invited to give presentations at a small scientific symposium attended by graduate students of the National Fisheries University.</p> <p>(2) Lectures: Global aquaculture activity, prevention of epizootics in fish, immunology of fish and crustaceans, fish handling after harvesting, prevention of fish-borne diseases, dish processing, laws relevant to the trade of fishes, possible chemical hazards when consuming fish</p> <p>(3) Experiment: Prevention of epizootics in fish, immunology of fish and crustaceans, fish freshness, prevention of fish-borne diseases, pathogenic bacteria isolated from fishes, possible chemical hazards when consuming fish</p> <p>(4) Demonstration: Possible chemical hazards when consuming fish</p> <p>(5) Practice: Fish handling for high quality products</p> <p>(6) Visit: Fisheries agency, fish market in Tokyo, fish processing factory at a coastal site</p> <p>(7) Exercise: Designing of food processing system and presentation of plan</p>	IMPLEMENTING PARTNER	NATIONAL FISHERIES UNIVERSITY	
	JICA CENTER	Chugoku International Center	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Sustainable Aquaculture Development 持続的増養殖開発		▼ 0780848
		Fisheries—Stock Enhancement and Aquaculture
		9 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Sustainable aquaculture development is important to earn increasing global demand for fisheries in the limited catch of fisheries. The course aims to upgrade the technical and management capability of the participants, who will be able to plan a sustainable aquaculture development strategy and so on that will contribute to the development of sustainable aquaculture.</p> <p>Upon successful completion of the course, the participants are expected;</p> <p>1) To learn the theoretical knowledge like pathology and fish nutrition and so on</p> <p>2) To acquire practical knowledge and technologies like seed production and grow-out culture, modern technologies of aquaculture, stock enhancement and so on</p> <p>3) To gain the ability to devise an appropriate strategy for sustainable aquacultural development in their home countries.</p>	<p>(1) Individuals presently engaged in aquaculture extension or technical work with 3 years of experience or more,</p> <p>(2) University graduates or equivalent, under 40 years old,</p> <p>(3) Individuals with a sufficient ability of spoken and written English</p> <p>※ The program involves a lot of field work. Pregnancy is regarded as a disqualifying condition for participation.</p>	
CONTENTS	PROGRAM PERIOD	Feb.27.2008~Jun.20.2008 (tentative)
<p>(1) Common Program: Outline of fisheries & aquaculture, role of the FCA, post-harvest treatment, aquatic engineering, aquaculture economics, extension & awareness, fish nutrition, fish feed preparation, biodiversity, environmental conservation, artificial maturation, biotechnology, fish genetics, gene analysis, parasitic diseases, practical field work in fish pathology, project cycle management, report consultation and presentation</p> <p>(2) Specific Program: (a) Freshwater aquaculture; Culture of common carp and others, gametogenesis and egg-quality, environmental conservation, self-sufficient small-scale aquaculture, case study, integrated aquaculture, field work for seed production (fancy carp, gold fish, grass carp, cat fish, willow gudgeon), site observation (b) Marine Aquaculture; seed production technology, sea farming, morphological anomalies, fish culture (grouper), culture of shrimp, crab, shellfish and seaweed, sustainable marine aquaculture and environmental conservation, sustainable world aquaculture, production and analysis of artificial feed, practical field work of living food organisms culture, site observation</p>	IMPLEMENTING PARTNER	Fisheries & Aquaculture International Co., Ltd
	JICA CENTER	Yokohama International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	Midway through the program, the program will be divided to two groups (Freshwater Aquaculture, and Marine Aquaculture)

Maintenance of Refrigeration System for Caribbean countries カリブ地域冷凍機保守		▼ 0784215
		Fisheries—Other Fisheries Issues
Target Countries : Oceanic and Caribbean countries		8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This course is designed for the refrigeration systems for fisheries to be maintained and managed properly through the following outputs:</p> <p>(1) Understanding the fundamental knowledge and calculation of refrigeration systems</p> <p>(2) Obtain skills for troubleshooting, repairing and maintaining refrigeration systems using attached instruments or tools through disassembly and assembly systems.</p> <p>(3) Acquire and understand the latest information on refrigeration systems, based on actual processes in production.</p>	<p>【Target Organizations】 Ministries, agencies, and other organizations in charge of maintaining and managing refrigeration systems for fisheries, preferably provided under the Grand Aid Scheme</p> <p>【Target Group】 Instructors in technical institutions, extension officers and heads of workshop, providing fishermen with technical training</p>	
CONTENTS	PROGRAM PERIOD	Feb. 2008 ~ Mar. 2008
<p>* Theory of refrigeration systems (Heat and work / Fundamental law / Cycle / Heat transfer / Mollier diagram/ Refrigerant etc.)</p> <p>* Functions and construction of refrigeration systems (Brine / Compressor / Condenser / Evaporator / Refrigerating Equipment etc.)</p> <p>* Maintenance of refrigeration systems (Welding / Charge of refrigerants / Leakage test / Operation / Adjusting etc.)</p> <p>* Overhaul of Compressor</p>	IMPLEMENTING PARTNER	Nsshin Refrigeration & Engineering
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	




Gender and Development

〈ジェンダーと開発〉

Gender and Development

Objective	Standard Category	Leaders Training Programs	Trainers Training Programs	Solution Creation Programs	International Dialogue Programs
Promote women's participation	Compile gender disaggregated data (gender statistics) and promote effective utilization of gender statistics	GTC Seminar on Gender Mainstreaming Policies for Government Officers 0780723 TG: administrative official			<Senior Officials > Seminar for Promotion of Gender Equality III 0780748 TG: high-ranking official of national machinery
	Strengthen mechanism and functions of National Machineryes				
	Raise gender awareness of policy makers and decision makers				
	Strengthen the capability of officials related to promoting gender equality	GTC Seminar on Gender Mainstreaming Policies for Government Officers 0780723 TG: administrative official			
Policy and institutional support to promote gender equality	Develop managerial capacity of departments/agencies for promoting gender mainstreaming				
	Establish effective network among national machineryes, line Ministries, NGOs and academic institutions				
Promote women's participation in the decision making process	Promote women's participation in the decision making process				
	Apply Gender Responsive Budget	GTC Seminar on Gender Mainstreaming Policies for Government Officers 0780723			<Senior Officials > Seminar for Promotion of Gender Equality III 0780748
Promote to change social, cultural and institutional systems which hinder women's participation	Promote to change social, cultural and institutional systems which hinder women's participation				
	Create an enabling environment where men and women can participate equally				
Promote women's participation	Sensitize and foster gender-equal civil society				
	Promote equal employment opportunities for women and develop woman entrepreneurs				
Promote women's economic empowerment	Formulate gender sensitive policies and systems in labor administration				
	Promote women's empowerment in rural area	GTC Gender Mainstreaming in Fishing Community Development 0780976 TG: administrative official, NGO		GTC Empowerment of Rural Women 0780889 TG: administrative official, extension worker, NGO	GTC Seminar on Women's Entrepreneurship Training for Leaders 0780930 TG: administrative official, NGO
Promote advancement of women's status in rural area	Promote livelihood improvement in rural area	GTC Seminar: Educating Leaders of Communities for the Improvement of Women's Status and Life 0780933 TG: administrative official, NGO		GTC Empowerment of Rural Women 0780889 RFC Leadership Training for Women Through Rural Life Improvement (by Rural South America) 0784245 TG: administrative official, NGO	GTC Seminar on Women's Entrepreneurship Training for Leaders 0780930
	Establish gender sensitive policies and institutional systems in rural development	GTC Gender Mainstreaming in Fishing Community Development 0780976	JICA-NGO Partnership Training Course on Participatory Development in Fishing Communities 0780905 FCI-NGO administrative official	GTC Sustainable Rural Development 0780903 TG: administrative official, NGO	GTC Seminar on Women's Entrepreneurship Training for Leaders 0780930

Objective	Standard Category	Leaders Training Programs	Trainers Training Programs	Solution Creation Programs	International Dialogue Programs
Promote gender equality through education	Formulate gender-equal system for school education	GTC Seminar on the Promotion of Education for Girls and Women 0780209 TC: administrative official			
	Formulate gender-sensitive policies and system in educational administration				
Reduce gender disparity in Health	Reduce gender disparity in health by improving diet and nutrition	GTC Seminar: Educating Communities for the Improvement of Women's Status and Quality of Life 0780033	GTC Training on Nutrition for Health Promotion and Maternal and Child Health 0780238	Health GTC Workshop: Reproductive Health Strategies for NGO Senior Officers: Capacity Development of NGO Leaders 0780207 TC: NGO	GTC Workshop on Adolescent Sexual and Reproductive Health: Strengthening Science for Youth-Friendly Environment and Partnership Development 0780088 TC: administrative official, NGO
	Enhance reproductive health and rights		GTC Seminar on How to Reduce Diet Related and Interpersonal Cooperation in Focus on Millennium Development Goals 0780234 TC: administrative official		
Eliminate any form of violence against women	Formulate gender-sensitive policies and system in health and medical administration				
	Eliminate domestic violence (DV)				
Reduce information disparity caused in gender inequality	Promote a comprehensive provision against trafficking				
	Promote gender mainstreaming in Media				
Promote gender-sensitive environmental preservation and sustainable development	Promote gender-sensitive environmental preservation and measures for sustainable development			GTC Seminar on Gender Perspective in Environment and Development 0780009 TC: administrative official, NGO	
	Promote gender mainstreaming in environmental administration				

-  Gender Course (Group Training Course)
-  Gender Course (Region Focused Course)
-  Gender Integrated Course*

*These courses do not have gender equality and women's empowerment as their main and explicit objectives, but require perspectives are included in the courses to correct existing gender biases in their planning and implementation stages.

Leadership Training for Women Through Rural Life Improvement (by Kaizen) for Central and South America 中南米地域農村部生活改善を通じた女性のリーダーシップ育成 Target Countries : Latin America		0784245 Gender and Development—Gender and Development 12 participants / Spanish
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This course aims to give women orientation on leadership for life improvement planning in rural areas through the Kaizen approach.</p>	<p>Candidates for this course should be as follows:</p> <p>(1) Personnel in local government entities in rural areas, preferably those who are currently in position of promoting gender equity/women's empowerment (2) Personnel in central government entities, preferably those who work in relation to rural development, agriculture, and/or gender (3) Staff from NGOs that target women/gender equity in rural areas (4) Members of communal committees/associations</p>	
CONTENTS	PROGRAM PERIOD	February 2008 (one month)
<p>(1) Life improvement approach (Kaizen) - Experiences in Japan through the post-conflict era (including meetings with former life improvement promoters in Japan) - Organizing women for collective activities/actions in rural areas - One-village one-product movement (including site visits) (2) Participatory planning methods and facilitating methods - PCM training - Facilitator training/organization management - Gender and rural development (3) Planning for life improvement in rural areas - Action plan - Presentations - Monitoring methods</p>	IMPLEMENTING PARTNER	Iwate Prefectural Government, Tsukuba International Center JICA
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Seminar on Women's Entrepreneurship Development Training for Leaders 女性起業家育成のための指導者セミナー Target Countries : Asia		0780930 Gender and Development—Gender and Development 8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The objective of this program is to enhance the capacity of the organizations that promote women's entrepreneurship development. To achieve the objective, participants are expected to produce the following outputs:</p> <p>(1) Have a clear understanding about the significance of women's economic empowerment and be able to extract the issues which they need to address in women's entrepreneurship development of their own countries.</p> <p>(2) Be able to systematically organize support systems, which can be applied to women's entrepreneurship development in their countries.</p> <p>(3) Be able to elaborate on the ideas in relation to the support system identified in Output (2) for the success of women's income generating activities.</p> <p>(4) Be able to design a women's entrepreneurship development project for their own countries.</p>	<p>(1) More than 3 years of experience in organizing program(s) for women's economic empowerment. (2) Either section chiefs/acting section chiefs of a governmental organization or an NGO with nomination by their governmental organization. (3) Individuals in good health, both physically and mentally, to undergo the program.</p>	
CONTENTS	PROGRAM PERIOD	Sep.2007 ~ Oct.2007
<p>Preparatory phase: Inception Report describing the following points: (1) Outline of participant's organization, (2) Women's Economic Empowerment in participant's country (Objectives, Issues, the respective roles of stakeholders), (3) Case Study, and (4) Needs Assessment.</p> <p>Program in Japan: The program consists of four modules, which include lectures, discussions, workshop, exercise, and study tours: Module I. Women's Economic Empowerment through Entrepreneurship Development Module II. Support Systems for Women's Entrepreneurship Development Module III. Ideas on Support Systems for the Success of Women's Income Generating Activities Module IV. Comprehensive Management Method for Women's Entrepreneurship Development</p> <p>(*) At the end of the program in Japan, participants are expected to formulate an Action Plan which shows future actions taken by them in order to solve their problems.</p> <p>Post-program activities: After the participations' return, (1) The actions described in the Action Plan are revised, authorized and implemented. (2) The result of the actions taken by the organization are reported as the Final Report 3 months after the return. (3) As well as the Final Report, if necessary, participants can submit the proposal of a mini-project for promoting women's economic empowerment. JICA will examine the relevance of follow-up cooperation, based on the final report.</p>	IMPLEMENTING PARTNER	Under planning
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>1. The curriculum is organized by means of JICA-Net Program Contents "Women Economic Empowerment." 2. JICA will conduct monitoring on the activities taken by participants, using a TV conference through JICA-Net.</p>

OISCA Rural Life Improvement and Rural Development for Women オイスカ農村女性の生活改善と村づくり研修		▼ 0780862
		Gender and Development—Gender and Development
Target Countries : Countries with OISCA overseas office		15 participants / English and Japanese
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>To achieve the objective, participants are expected to produce the following outputs:</p> <ol style="list-style-type: none"> 1. Acquire knowledge of the following points <ol style="list-style-type: none"> (1) Healthy and environmentally sound agricultural production (2) Processing of agricultural products (3) Dietetics and cooking and basic knowledge of Nutrition (4) Basic knowledge of Hygiene (5) Technique of clothing and sewing (6) Living environment; reduction of garbage, water pollution (7) Exchange of views with women's organizations and the effective management of extension activities 2. Make an Action Plan 	<ol style="list-style-type: none"> (1) Females committed to work in future as extension workers or as leaders in rural development (2) Individuals with at least 2 years of experience of agricultural/home living improvement work in the field/local community (3) Individuals above high school level and in sufficiently good physical/mental condition 	
CONTENTS	PROGRAM PERIOD	Jan.17.2008 ~ Dec.15.2008
<ol style="list-style-type: none"> 1. Lecture and Practice <ol style="list-style-type: none"> (1) Home living improvement activities and its functions (2) Combined agricultural production: cultivation of rice and vegetables, poultry farming (3) Processing of agricultural products: crop processing, livestock processing, vegetables processing, fruit processing (4) Dietetics, food and cooking; species of nutriments, digestion and absorption (5) Hygiene; contagious disease, HIV, family planning, maternity health (6) Dressmaking; basic technique and application of clothing and sewing (7) Home economics and the Environment 	IMPLEMENTING PARTNER	OISCA SHIKOKU TRAINING CENTER
	JICA CENTER	Shikoku International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	Japanese intensive class(approx. 3 months at OISCA Shikoku training center)

Seminar on Gender Perspective in Environment and Development 「環境と開発と男女共同参画」セミナー		▼ 0780009
		Gender and Development—Gender and Development
		9 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>In order to overcome environmental problems, it is essential to define the role of women in environmental preservation, as well as in the achievement of sustainable development. Considering the gender perspective, the objective of the seminar is to enable participants to understand the importance of balancing environmental conservation and national development and to help them implement countermeasures against pollution, especially in Asia. To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1. To understand the role of women in the preservation of the global environment and sustainable development 2. To acquire fundamental knowledge and various measures to reform the gender relationship in respective countries 3. To be able to carry out various environmental measures in an effective manner from the participant's individual standpoints (from government level to NGO level) 4. To understand the significance and importance of education on the environment and sustainable development, and to develop skills as a leader. 	<ol style="list-style-type: none"> (1) Government officers or staff of NGOs in charge of environmental problems or women's issues (2) Individuals with at least 3 years of work experience in the field (3) Individuals with a sufficient command of spoken English (TOEFL score of at least 500) 	
CONTENTS	PROGRAM PERIOD	Jan.21.2008 ~ Mar.5.2008
<ol style="list-style-type: none"> (1) Women in the environment and development (2) Introduction to GAD (3) Introduction to GAD (4) Case study in Asian countries (5) Women and the environment in Kitakyushu city (6) Case study: Minamata Disease and pollution in Kitakyushu (7) Role of NGOs and their partnership with Government (8) Waste management and protection of the forest environment 	IMPLEMENTING PARTNER	KITAKYUSHU FORUM ON ASIAN WOMEN
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	Participants are required to give a presentation to citizens on the situation of gender and the environment.

Seminar: Educating Leaders of Communities for the Improvement of Women's Status and Quality of Life 女性の生活と地位向上に寄与するリーダーの養成		0780033
		Gender and Development—Gender and Development 8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Based upon what we have accomplished through the 50-year history of education for women, the goal of this program is to educate leaders who participate in women's rights, health and quality of life issues. Through the programs participants are expected to attain the following objectives: (1) To acquire basic knowledge of gender and problems caused by gender inequality. (2) To understand the endeavor for improvement in women's status and quality of life through examples in Kochi and in Japan. (3) To understand deeply women's problems in the countries of other participants. (4) To become fully conscious of the need to analyze and resolve women's problems in the respective countries of participants through all that they learn in the programs.	(1) Individuals who deal with the improvement of lives and social status of women (2) Individuals who work as local government officers or have an occupation associated with governmental services for local groups or organizations (3) Individuals with experience of social development (4) Graduates of high school or with a relevant academic background	
CONTENTS	PROGRAM PERIOD	Nov.20.2007 ~ Dec.13.2007
1. Lectures and discussions (1) History of women's life in Japan (2) Gender Studies (3) Home life improvement workers in communities (4) Women's health (5) Reproductive rights and health (6) Family sociology and women (7) Domestic violence and women (8) Women's empowerment and development (9) Quality of women's working life and social system 2. Final Report Preparation / Presentation	IMPLEMENTING PARTNER	Kochi Women's University
	JICA CENTER	Shikoku International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	

Seminar on the Promotion of Education for Girls and Women 女性の教育推進セミナー		0780209
		Gender and Development—Gender and Development Education—Other Education Issues 12 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Through this program, participants are expected: 1. To become familiar with administration and financial system of education in Japan and their historical development; 2. To upgrade their knowledge and capabilities in forming policy measures for the promotion of education for girls and women, and to devise a concrete action plan for their own countries; 3. To exchange information among participants, concerning the current situation and problems on educational systems and policy in their own countries; 4. To have a better understanding of Japan and the Japanese society, culture and people.	(1) Government officers of the Ministry of Education, Educational Committee, or similar institutions, in charge of the development and promotion of girls' and women's education. (2) University graduates or equivalent educational background (3) Individuals under 45 years old. (4) Individuals with more than 5 years of occupational experience	
CONTENTS	PROGRAM PERIOD	Jan.27.2008 ~ Feb.23.2008
(1) LECTURE Japanese education system & education administration, Health education, Gender equality education, JICA Projects & measures to incorporate Gender, Introduction on National Women's Education Center, Women & Health, Violence against Women, NGO Network for education, etc. (2) PRESENTATION AND DISCUSSION Gender education, Girl's education & Economic development, Country report presentation, Action plan, etc. (3) VISIT Ministry of Education, Culture, Sports, Science Technology, Primary & Secondary School, Lifelong education Center, University, Local government, etc.	IMPLEMENTING PARTNER	NATIONAL WOMEN'S EDUCATION CENTRE
	JICA CENTER	Institute for International Cooperation
	COOPERATION PERIOD	2006~2010
	REMARKS	

Seminar on Gender Mainstreaming Policies for Government Officers ジェンダー主流化政策のための行政官セミナー		0780723
		Gender and Development—Gender and Development
		9 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
The objective of this seminar is to foster government officers capable of introducing the principle of "gender mainstreaming" in decision-making and various development activities through learning case studies in Asia, for the purpose of creating an equal society through the empowerment of women. To attain this objective, participants are expected to achieve the following: 1) Acquiring the concept and methods for gender mainstreaming 2) Deepening understanding of the policies and issues in each field such as education, economic, the environment, etc, and acquiring the know-how to improve those issues. 3) Taking an overview of the measures taken by National and Local Governments related to gender mainstreaming and acquiring the technical methods. 4) Acquiring the management capability of the administration of women's affairs.	[Target Organizations] Central/local governments [Target Group] (1) Government officers in charge of planning policies for improving the status of women and gender mainstreaming with at least 3 years of professional experience (2) Age: Under 45 years old (3) Individuals with a sufficient command of spoken English (TOEFL score of at least 500)	
CONTENTS	PROGRAM PERIOD	Jun. 2007 ~ Jul. 2007
(1) Introduction of policies for gender mainstreaming (2) Methods for gender mainstreaming and Case study in Asia (3) Gender mainstreaming in Education, Labour Administration, Health Promotion, Environment, Agriculture, etc. (4) Introduction of gender equality in administration (5) Promotion of policies in gender mainstreaming in Kitakyushu City (6) Women's economic empowerment and entrepreneurship	IMPLEMENTING PARTNER	KITAKYUSHU FORUM ON ASIAN WOMEN
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	Participants are required to give presentations to citizens on the situation of women in their own country.

Seminar for Promotion of Gender Equality III 男女共同参画推進セミナーⅢ		0780748
		Gender and Development—Gender and Development
		9 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
The objective of this program is to strengthen the capacity of national machinery for gender equality in respective countries and to establish a network of national machineries among Japan and the countries. To achieve the objective, participants are expected to: (1) Analyze the situation and problems concerning gender equality and the environment surrounding women in each country through comparisons with Japan and discussions among other participating countries. (2) Acquire useful knowledge for formulating, implementing, and monitoring the national plan of action on promoting gender equality. (3) Acquire useful knowledge for promoting gender mainstreaming into various fields. (4) Formulate an action plan to strengthen the capacity of the national machinery to promote gender equality.	(1) Division directors or higher levels of officials of national machinery (2) University graduates (3) Individuals with more than 5 years of experience of gender equality (4) Individuals 35 -50 years of age (5) Individuals with adequate knowledge of the Beijing Declaration and Platform for Action and * "Outcome Document"	
CONTENTS	PROGRAM PERIOD	Dec.2.2007 ~ Dec.15.2007
(1) LECTURE · The policy for promotion of gender equality in Japan · Structure and activities of promoting gender equality in Japan(by the national machinery and related ministries), · Gender Statistics · Gender Sensitive Budget (GSB) (2)PRESENTATION AND DISCUSSION · Gender Equality in Japan · Gender Equality in participating countries (Country Report) (3) VISIT · Local governments, Women's Center, other facilities related to gender equality	IMPLEMENTING PARTNER	GENDER EQUALITY BUREAU, CABINET OFFICE
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	* "Outcome Document" indicates further actions and initiatives to implement the Beijing Declaration and Platform for Action. Participation from East Asia, ASEAN, South Asia, Central Asia and Pacific countries is especially recommended.

Empowerment of Rural Women 農村女性能力向上		0780889 Gender and Development—Gender and Development Agricultural/Rural Development—Rural Development 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The objective of this course is to develop effective extension activities for rural women's groups through the exchange of participants and experience in Japan, for the approval of the respective organizations of the participants.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1) To identify the actual status and needs of the targeted rural women's groups and analyze organizational capacities 2) To understand necessary extension methodologies for rural women's groups to strengthen their organizations, develop their capacities and empower them 3) To understand planning, implementation, monitoring and evaluation methods based on gender perspectives for the activities of rural women's groups 4) To understand the concepts and methods, entrepreneurial activities for rural women's groups 5) To prepare action plans to develop the capacities of rural women's groups in the home country 	<p>[Target Organizations] Those handling extension activities for rural women's groups such as central/local government and NGOs</p> <p>[Target Group] Those in charge of training staff engaged in extension activities (agriculture, food processing, community development, etc.) for rural women's groups; university graduates, or with an equivalent educational background.</p>		
CONTENTS	PROGRAM PERIOD	Aug.27.2007 ~ Nov.10.2007	
<ol style="list-style-type: none"> 1) Preparatory program <ol style="list-style-type: none"> (0) Capacity assessment of rural women's groups and organizations of participants 2) Program in Japan <ol style="list-style-type: none"> (1) Group activities, extension methodologies, capacity development (2) Gender analysis, project cycle management (PCM) (3) Mottainai marketing, one village one product, road station (Michi no Eki) (4) Creation of project proposal (5) Preparation of thematic materials and job improvement plans 3) Post-program <ol style="list-style-type: none"> (6) Presentation and approval of training products to the respective organizations, monitoring of the report-making 	IMPLEMENTING PARTNER	Rural Women Empowerment and Life Improvement Assoc	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2004~2008	
	REMARKS	Outstanding participants who carry out activities utilizing knowledge and experience acquired in Japan may be supported by JICA's follow-up cooperation.	

Gender Mainstreaming in Fishing Community Development 漁村開発におけるジェンダー主流化		0780976
		Gender and Development—Gender and Development Fisheries—Fishing Community Development 7 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The participants are expected to sufficiently consider the concept of Gender and partnership between men and women in successfully achieving activities for improving the income level of the fishing community of their country through the following:</p> <p>(1) To increase the understanding on the concepts of gender, WID, GAD, partnership between men and women and awareness of gender-responsive project.</p> <p>(2) To acquire skills and methodology of Gender analysis.</p> <p>(3) To acquire skills and knowledge that help capacity building for men and women in the fishing community, collective empowerment, and improvement of their life and status in society.</p> <p>(4) To enhance comprehensive knowledge on the gender support project and prepare an appropriate action plan.</p>	<p>(1) Central/local government staff, community leader and NGO staff engaged in fishing community development with more than 3 years' experience</p> <p>(2) Individuals with basic knowledge on WID/GAD</p> <p>(3) University graduates or with equivalent qualifications</p> <p>(4) Individuals under 46 years of age</p>	
CONTENTS	PROGRAM PERIOD	Jan.20.2008 ~ Mar.5.2008
<p>The following subjects will be covered in this course through lectures, observations, and discussions:</p> <p>(1) Outline of WID/GAD</p> <p>(2) Gender Analysis</p> <p>(3) Fishing Community Survey</p> <p>(4) Case Study</p> <p>(5) Human Resource Development</p> <p>(6) Support system for fishing community development</p> <p>(7) Report formulation and presentation</p>	IMPLEMENTING PARTNER	Fisheries & Aquaculture International Co., Ltd
	JICA CENTER	Yokohama International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	The Nominees are requested to submit a country report together with a nomination form.

Urban/Regional Development

〈都市開発・地域開発〉

Urban Development

Objective	Standard Category	Leaders Training Programs	Trainers Training Programs	Solution Creation Programs	International Dialogue Programs
Urban Development	Planning of Urban Development Policies			GTC) Comprehensive City Planning 0780947 TG: administrative official	<Senior Official > GTC) Executives' Seminar on Public Works and Management 0780768 TG: high-ranking administrative official
	Improvement of Living Environment	GTC) Improvement of Housing and Living Environments 0780950 TG: administrative official		RFC) Urban Planning and Land Readjustment Project for South American Countries 0784134 TG: administrative official	GTC) Urban Development (Land Readjustment) 0780325 TG: administrative official
	Urban Environment Conservation and Enhancement of Urban Disaster Prevention Capability	GTC) Urban Greenery and Park Administration 0780801 TG: administrative official		GTC) Building Codes and Control Systems (Building Safety and Social/Environmental Consideration) 0780711 TG: administrative official	
	Enhancement of Urban Management Capability	GTC) Project Management and Evaluation for Civil Engineers in Public Works 0780230 TG: administrative official			

Regional Development

Objective	Standard Category	Leaders Training Programs	Trainers Training Programs	Solution Creation Programs	International Dialogue Programs
Regional Development	Planning of Regional Development Policies (Regional Development Policies)	GTC) National and Regional Development Policy 0780980 TG: administrative official	GTC) General Management for Regional Development and Planning II 0780764 TG: administrative official		
			RFC) Regional Development for Central Asian Countries 0784045 TG: administrative official		
			RFC) Project Formulation for Regional Development Focused on Human Security for Southeast Asian Countries 0784110 TG: administrative official, NGO		
	Promotion of Regional Economic Development (Economic Development)	RFC) Tourism Promotion for Southeast European Countries 0784055 TG: administrative official	RFC) Endogenous Regional Economic Development Utilizing Local Resources for Central Asia 0784212 TG: administrative official		
			RFC) Eco-Tourism and Strategic Regional Development for Eastern Europe 0784232 TG: administrative official		
	Improvement of Basic Human Needs (Social Development)				
	Regional Promotion of Environmental Protection and Disaster-Prevention Measures (Environmental Protection and Disaster Prevention)				
Capacity Development Regarding Regional Development	GTC) Participatory Local Social Development: Project Planning and Management 0780984 TG: administrative official, NGO, researcher	RFC) Seminar on Administration for Rural/Regional Development: One Village, One Product Movement for ASEAN Countries 0784029 TG: administrative official			
		RFC) Regional Development Promotion for ASEAN countries -One Village One Product- 0784222 TG: administrative official			
		GTC) Participatory Local Social Development: Theories and Practices 0780727 TG: administrative official, NGO, researcher			

Urban Planning and Land Readjustment Project for South American Countries 南米地域 都市計画・土地区画整理事業 Target Countries : Andean Community of Nations		0784134 Urban/Regional Development—Urban Development 12 participants / Spanish	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>Train and foster personnel who can formulate appropriate policies and programs for solving urban problems in their own countries by providing them with opportunities to learn the concept of urban planning in a comprehensive manner and acquire effective techniques, especially for implementing land readjustment projects.</p> <p>To reach this objective, participants are expected to achieve the following:</p> <p>(1) To comprehensively understand the concept and framework of Japanese urban planning, administrative and financial system, urban environment (including urban redevelopment project and risk management), urban transportation, etc. and formulate a comprehensive plan for whole urban function.</p> <p>(2) To understand an overview of Japanese land readjustment projects (survey/project planning, land relocation design/land appraisal, finance plan, related laws, etc.) and acquire the technology for land relocation design and project planning.</p>	<p>1. Central or local administrators engaged in urban planning and land readjustment projects with 5 or more years of experience in the field.</p> <p>2. Individuals with a university degree or similar educational qualifications.</p>		
CONTENTS	PROGRAM PERIOD	Sep.30.2007 ~ Dec.15.2007	
<p>Preparatory phase: To submit a Job Report with introduction of work, problems in their countries, fields of interest and the reason Program in Japan: This program consists of lectures, practical exercises, observation and discussion.</p> <p>(1) Concept and framework of Japanese urban planning, administrative/financial systems, urban environment (including redevelopment projects and risk management), urban transportation, etc. (2) Overview of Japanese land readjustment projects (survey/project planning, land relocation design/land appraisal, finance plan, related laws, etc.)</p> <p>To make a concrete Action Plan, which describes project objectives, outputs, major activities, etc. after returning.</p>	IMPLEMENTING PARTNER	Obihiro City, Hokkaido University	
	JICA CENTER	Obihiro International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS		


Executives' Seminar on Public Works and Management 国土技術マネジメント幹部セミナー		0780768 Urban/Regional Development—Urban Development 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>Participants are expected to achieve the following:</p> <p>1) To recognize the history, present situation, and policies of public works in Japan</p> <p>2) To develop a higher ability to perform appropriate planning and management of public works through participating in a symposium/discussions</p> <p>3) To acquire knowledge on the management of research and development on public works</p>	<p>[Target Organizations] National research institutes in the field of infrastructure management, or public works department of central government organs</p> <p>[Target Group] Head or equivalent of the above institute, or director or equivalent of the above department with at least a bachelor's degree or equivalent in civil engineering</p>		
CONTENTS	PROGRAM PERIOD	Nov. 25. 2007 ~ Dec. 8. 2007	
<p>1) Preparatory phase: Making a country report on situations, related research and policies in participating countries regarding the annual common subjects</p> <p>2) Program in Japan: Participate in a symposium and discussions as a panellist regarding the annual common subject</p> <p>3) Lectures and discussions: Situations and policies, lessons, and problem-solving methodologies in Japan and participating countries</p> <p>4) Study tours: Outlines and situations of the facilities regarding the annual common subject</p>	IMPLEMENTING PARTNER	National Inst. for Land & Infrastructure Management	
	JICA CENTER	Tsukuba International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The participants will propose improvement plans of public works administration in their governments. To reach the objective, participants are expected to achieve the following: (1) To reconfirm the framework and procedures for construction and management of infrastructure through public works. (2) To understand the relationship between public works and issues directly influence community life such as environment preservation, city planning and disaster prevention.</p>	<p>(1) Civil engineers in charge of public works administration in central or local government who have at least 5 years of practical work experience (2) University graduates in civil engineering or with equivalent academic qualification</p>	
CONTENTS	PROGRAM PERIOD	Sep.18.2007～Nov.3.2007
<p>Preparatory Phase: Present job activities and issues concerning public works administration in the participant's organization and country are to be described in the Inception Report.</p> <p>The curriculum is composed of the following subjects and designed to give the participants a comprehensive picture of the roles of public works administration. Road is taken up as a main case study subject. Lectures: - Community development in Japan, - History of development in Hokkaido, - Laws and budget system regarding infrastructure, - Tender and contract system, - Project implementation structure, - Procedure for planning, construction and maintenance of roads, - Free access to information regarding public works, - Participatory approaches for consensus building Field visits: - Present situation of infrastructure in Hokkaido, - Maintenance and management of roads, - Road construction techniques, - Environment protection measures for road construction and maintenance Practical exercises: -Action report writing and presentation</p>	IMPLEMENTING PARTNER	DEPARTMENT OF CONSTRUCTION, HOKKAIDO GOVERNMENT
	JICA CENTER	Sapporo International Center
	COOPERATION PERIOD	2006～2010
	REMARKS	<p>The objective of this seminar is NOT skill training in road engineering, although roads will be taken up repeatedly during the seminar as lecture subjects and field visit destinations.</p>

Project Management and Evaluation for Civil Engineers in Public Works 公共事業の計画・管理・評価		0780230
		Urban/Regional Development—Urban Development
		8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This program is offered to those who belong to the government or government affiliated organizations of developing countries to acquire the contemporary knowledge and techniques focusing on learning and utilizing following 5 points:</p> <ol style="list-style-type: none"> 1. Project management system 2. Site management (quality, schedule, cost, and safety management) 3. Project evaluation methods on life-cycle cost 4. Contract system in public works 5. Obtaining the support and agreement of citizens 	<ol style="list-style-type: none"> (1) University graduates or with the equivalent educational background in the field of civil engineering (2) Civil engineers in central or local government offices and private corporations (except individuals in charge of building and housing works) (3) Individuals with at least eight (8) years experience in the execution of heavy infrastructure works (roads, rivers, ports, dams, etc.) 	
CONTENTS	PROGRAM PERIOD	Sep.18.2007 ~ Nov.23.2007
<p>This program consists of common subjects for all participants and group studies. It covers very broad technical fields; roads, ports, water supply, sewage system, dams, and telecommunication in order for participants to obtain wide knowledge and technique to prepare comprehensive plans for the infrastructure.</p> <p>The components are as follows: Lecture and Observation on Project Management System Lecture on Project Evaluation Methods Lecture and Observation on Site Management Lecture on Contract System in Public Works Lecture and Observation on Accountability in Public Works Application study Study tour</p>	IMPLEMENTING PARTNER	Japan Construction Training Center
	JICA CENTER	Yokohama International Center
	COOPERATION PERIOD	2006~2010
	REMARKS	

Construction Equipment and Mechanized Construction Management 建設機械及び建設施工監理		0780708
		Urban/Regional Development—Urban Development
		9 participants / ENGLISH
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This program is designed with the aim of developing human resources for the supervision and control of the road, bridge and tunnel construction project mainly managed by construction machineries.</p> <p>Participants are expected to acquire the following:</p> <ol style="list-style-type: none"> (1) Theoretical knowledge and practical techniques on mechanized construction method for civil engineering (2) Knowledge of mechanized construction management, such as of the selection and operation of construction equipment (3) Theoretical knowledge and practical techniques of the maintenance of construction equipment (4) Theoretical knowledge of the planning and management of mechanized construction (5) Practical experience of mechanized construction 	<ol style="list-style-type: none"> (1) University graduates who have been specialized in the field of mechanical engineering or equivalents (2) Individuals currently engaged in mechanized construction management and with at least ten (10) years experience in the same field 	
CONTENTS	PROGRAM PERIOD	Aug.7.2007 ~ Nov.2.2007
<p>This program consists of lecture, observation, practice and discussion on the following themes:</p> <ol style="list-style-type: none"> (1) Methods of machine civil engineering works (2) Management technology in the selection and operation of construction machinery (3) A theoretical approach in machine maintenance and servicing (4) Planning and management in machined civil engineering works (5) Practice in machine servicing 	IMPLEMENTING PARTNER	JAPAN CONSTRUCTION MECHANIZATION ASSOCIATION
	JICA CENTER	Yokohama International Center
	COOPERATION PERIOD	2006~2010
	REMARKS	

Urban Development (Land Readjustment) 都市整備		0780325
Target Countries : Countries with cities of population 500,000 or more		Urban/Regional Development—Urban Development 16 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The objective of the course is to improve the methods and systems of urban development in participants' respective countries by learning urban development/renewal system and methods and techniques for land readjustment in Japan.</p> <p>Participants are expected: [for the Policy Group] (1) To understand the outline of Japanese urban development system and techniques, (2) To identify current issues regarding urban development system and techniques in their home countries, and (3) To study the applicability of Japanese urban development system and propose an improvement plan of their countries' urban development system</p> <p>[for the Implementation Group] (1) To understand the outline of Japanese land readjustment techniques, (2) To acquire the land readjustment techniques, and (3) To formulate a land readjustment project plan assuming the specific cities in their countries.</p>	<p>Target organizations : Central/local governments responsible for the formulation of urban development policies or responsible for the implementation of urban development programs/projects.</p> <p>Target group: (1) Individuals with a university degree or equivalent, with more than 5 years of professional experiences in urban development and/or urban planning, as principle, (2) Individuals between 30 - 45 years of age, as principle, (3) Individuals with a high level of English language ability in speaking and writing, (Note: If you provide evidence of language ability as tested by a registered body, your application would be prioritized against others.) (4) (for the "Policy Group") individuals responsible for policy formulation, regulation and budgetary allocation on urban development and/or city planning at central/local government level, (5) (for the "Implementation Group") individuals responsible for implementation of urban development projects/programs (e.g. land readjustment, land sharing, urban land development, urban land consolidation) at central/local government level</p>	
CONTENTS	PROGRAM PERIOD	May.29.2007 ~ Jul.21.2007
<p>Preparatory phase: Participants are required to make a Country Report stating the situation of your country's urban development plan, its system and the current issues which participants and participants' organizations are now facing.</p> <p>Program in Japan The program consists of the following modules: (1) Overview of Japanese city planning system and Land Readjustment (2) Core Information of Land Readjustment system (3) Related Information of Land Readjustment system (4) LR Project site visit to Hiroshima and Osaka (5) Practice (6) Interim Report Writing In the part of (5) Practice, participants are divided into two groups, "Policy Group" and "Implementation Group" Participants are required to propose the Interim Report, which includes specific, feasible proposals to solve issues concerning urban development.</p> <p>Post-program activities: Participants are expected to share Interim Reports with colleagues as well as the senior management of the same offices. The concepts and implementation plan proposed in the Interim Reports are reviewed and examined within the government. The returned participants collect comments from them, integrate into the original reports, and write final improvement plans in the Final Report.</p>	IMPLEMENTING PARTNER	CITY AND REGIONAL DEVELOPMENT BUREAU, MLIT
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2006~2010
	REMARKS	Participants are required not to change his/her group "Policy Group" or "Implementation Group" during the course.

Building Codes and Control Systems (Building Safety and Social/Environmental Consideration) 建築基準と規制システム（建築物の安全性と環境社会配慮） Target Countries : Countries with cities of population 500,000 or more		 0780711 Urban/Regional Development—Urban Development 12 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The objective is to formulate an improvement plan of building codes and/or control systems of governments or related governmental organizations responsible for the establishment of building standards or improvement and application of regulatory systems.</p> <p>The program emphasizes the following topics:</p> <p>(1) Structural Safety (2) Fire Prevention and Evacuation Safety (3) Energy Conservation (4) Barrier-free Buildings</p> <p>The participants are expected</p> <p>1. To understand the outline of the building standards and the regulatory systems of Japan. 2. To understand the Japanese measures with regards to the followings; (a) Building standards and regulatory systems effective for securing the structural safety of buildings, (b) Building standards, the regulatory systems effective for securing fire prevention and evacuation safety (prevention of outbreak and spread of fire, securing safety in evacuation) of buildings, and points to remember for their applications, (c) Energy saving concept of buildings, and points for its promotion, (d) The barrier-free concepts of buildings. 3. To identify problems relating to implementation of the building standards and the regulatory systems of their home countries, and formulate plans to solve or improve them.</p>	<p>[Target Organizations] Governments or Governmental Organizations responsible for the establishment of building standards or the improvement and application of regulatory systems</p> <p>[Target Groups:] Officials (more than 5 years of experience, under 50 years old)</p>	
CONTENTS	PROGRAM PERIOD	May.15.2007~Jun.28.2007
<p>Preparatory Phase in home country: An inception Report including current situations and issues of building standards/regulatory systems</p> <p>Program in Japan: 〈Modules〉</p> <p>1. Elements of building codes and control systems and their relations to natural and social environments (lectures, observations and a home stay program) 2. Structural Safety (lectures and observations) 3. Fire Prevention and Evacuation Safety (Lectures, Cases study and observations) 4. Energy Conservation (lectures and observation) 5. Barrier-free buildings (lectures and workshop) 6. Technology for the above mentioned purposes (lectures and observation) 7. Formulation of an improvement plan for building codes and/or control systems (discussion, individual guidance and presentation)</p> <p>Post-program activities Participants are expected to share the proposal with colleagues as well as the senior management of the same offices. The concepts and implementation plan of the proposal are reviewed and examined within the government. The returning participants are required to report the progress of the proposal to JICA Tokyo.</p>	IMPLEMENTING PARTNER	HOUSING BUREAU, MLIT
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2006~2010
	REMARKS	<p>The course is not purposed to learn architectural design nor architectural engineering. Building Standard Law of Japan consists of three parts, (1) General provision (2) Building codes (3) Zoning codes, The program mainly focuses on building codes.</p>

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This program is offered to contribute to the harmonization of development and environmental preservation in participating countries by training civil engineers focusing on learning and utilizing the following 5 points:</p> <ol style="list-style-type: none"> 1. Environmental protection measures and philosophies required, 2. Preventive measures against regional environmental deterioration, 3. Environmental impact assessment methods, 4. Recycling of construction waste, 5. Harmonizing people's living standards and environment related to construction projects 	<ol style="list-style-type: none"> (1) University graduates in civil engineering or equivalent (2) Individuals with 5 or more years of experience in infrastructure development administration (road, rivers, ports, dams, etc.) (3) Individuals under 40 years old 	
CONTENTS	PROGRAM PERIOD	
<p>This program consists of lectures, observations, action plan studies, and study tours as follows:</p> <ol style="list-style-type: none"> (1) Regional plans (2) Environmental plans (3) Environmental assessment (4) Environmental protection (5) Environmental preservation measures (6) Assessment of effects on the environment <p>* Under the word 'Environment', this program deals with water quality, noise, vibration, air quality, animals and vegetation * Participants are required to make and present action plans at the end of the program.</p>	IMPLEMENTING PARTNER	Public Association for Construction Services, Kinki Region
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2003~2007
	REMARKS	

Urban Greenery and Park Administration 都市緑化行政		0780801
		Urban/Regional Development—Urban Development
		6 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The overall aim of the program is to upgrade the technical abilities of the leading governmental administrators, thus enabling them to contribute to improving the living environment in developing countries.</p> <p>Through the training program, participants are expected to:</p> <ol style="list-style-type: none"> 1) Acquire knowledge of the functions of urban greenery and policies to promote urban greenery. 2) Acquire knowledge of techniques, planning, design, construction and maintenance of urban greenery. 3) Acquire knowledge of systems for preserving green spaces. 4) Make an Action Plan, using the acquired knowledge. 	<ol style="list-style-type: none"> (1) Supervisory administrators responsible for overall urban greenery and park development (2) Individuals with practical experience of at least five years (3) Under 40 years old 	
CONTENTS	PROGRAM PERIOD	Aug.21.2007 ~ Oct.28.2007
<p>In this program, the emphasis is put on the introduction of the Japanese experience and theories of greenery in city-planning and park administrations. The main themes are:</p> <ol style="list-style-type: none"> (1) Policies of urban greenery and maintenance (2) Japanese traditional techniques of gardening (3) Maintenance of parks and recreation facilities (4) Practical training of the planning and design of a park (5) Discussions (6) Action Plan making 	IMPLEMENTING PARTNER	OSAKA CITY GOVERNMENT
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2003~2007
	REMARKS	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The objective of the course is to consider improvement plans regarding city planning and urban development against the issues facing recipient countries.</p> <p>Participants are expected to:</p> <p>(1) Understand the concepts of urban planning, administration and financial systems, city environment and urban transportation in Japan, comprehensively</p> <p>(2) Acquire the ability of urban development planning, and</p> <p>(3) Identify the problems relating to urban planning and propose an improvement plan.</p>	<ul style="list-style-type: none"> • Target organizations Central/local government organizations responsible for the formulation of urban development policies or those responsible for the implementation of urban planning, in cities with a population of 500,000 or more. • Target Group (1) Individuals with a university degree or equivalent, with at least 5 years of professional experiences in urban development and/or urban planning, (2) Central/local government officials responsible for the formulation of urban development policies or those responsible for the implementation of urban planning, in cities with a population of 500,000 or more. 	
CONTENTS	PROGRAM PERIOD	Aug.29.2007~Oct.25.2007
<p>Preparatory phase: Participants are required to make a Country Report stating the situation of the country's city planning and urban development, its system and the current issues now facing participants and participants' organizations.</p> <p>Program in Japan : The course will provide an overview of urban planning concepts, systems and policies, and urban development practices in Japan, from the perspective of urban growth and development history, and an opportunity to discuss and consider particular issues at an interim session by employing the case method. The Course combines topical lectures, site visits and discussions, with report writing.</p> <p>Post-program activities : Participants are expected to share Interim Reports with colleagues as well as the senior management of the same offices. The concepts and implementation plan proposed in the Interim Reports are reviewed and examined within the government. The returned participants collect comments from them, integrate into the original reports, and write a final improvement plans in the Final Report.</p>	IMPLEMENTING PARTNER	CITY AND REGIONAL DEVELOPMENT BUREAU, MLIT
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	

Improvement of Housing and Living Environments 住宅・住環境改善		0780950
		Urban/Regional Development—Urban Development
		13 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The objective of the course is to help Central and Local Governments or Governmental Organizations formulate a proposal to improve policies or systems regarding housing and living environments.</p> <p>Through the course, participants are expected to:</p> <ol style="list-style-type: none"> 1. Understand policies and systems regarding the housing and living environments of Japan, 2. Identify effective policies and systems to improve housing and living environments and the points to be considered for the implementation, and 3. Describe problems and issues regarding the systems and policies for housing and living environments of their countries, and propose a plan to improve those systems and policies <p>The main theme of this program is Housing and Living Environment. The program hardly covers City Planning and Civil Engineering.</p>	<p>[Target Organizations] Central/Local governments or related organizations responsible for policy planning or implementation to improve housing conditions (except construction work)</p> <p>[Target Group] (1) Officers who belong to target organizations and are expected to play a leading role in the field (2) University graduates or equivalent (3) Age: 30-50 years old</p>	
CONTENTS	PROGRAM PERIOD	Oct.14.2007 ~ Nov.23.2007
<p>Preparatory phase: Participants are required to make Country Report stating the situation of the country's housing and living environment, and the current issues which participants and participants' organizations are now facing.</p> <p>Program in Japan : The program is consists of following modules:</p> <ol style="list-style-type: none"> 1. Japanese housing situation and housing policy (Social system, situation of housing and housing policy, city and housing issues in rural areas) 2. Housing policy and system (public housing, housing loans, housing quality assurance, building standard law) 3. Housing and urban development and improvement (city planning, re-development, land readjustment, living environment improvement, development of new-towns, urban renewal, preservation districts for groups historic buildings) 4. Prevention of disaster 5. International cooperation (field of housing and building, HABITAT) 6. Housing issues and policy in developing countries (social and economic development and housing policy) <p>The participants are required to propose the improvement plan of the urban transportation planning and project.</p> <p>Post-program activities Participants are expected to share the proposal with colleagues as well as the senior management of the same offices. The concepts and implementation plan of the proposal are reviewed and examined within the governments. The returned participants are required to report the progress of the proposal to JICA Tokyo.</p>	IMPLEMENTING PARTNER	HOUSING BUREAU, MLIT
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	Just after the end of the World War, housing shortage and increasing housing quality were big issues in Japan. Through such experience of Japan, the program can provide various kinds of experience and knowledge at any stage of housing development.

Seminar on Development and Application of Construction Engineering 建設技術の開発・応用セミナー		▼ 0780979
		Urban/Regional Development—Urban Development
		9 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The participants are expected to be trained as core individuals in the Construction Engineering field to contribute to the need of appropriately skilled people through the following:</p> <p>(1) Understanding the transfer and its application of the latest construction / maintenance engineering in a site (2) Obtaining knowledge on the revision of traditional technology (3) Understanding the technology to motivate the development of original technology</p>	<p>(1) Mid-career officials or researchers who are in charge of civil engineering (except building and house works) (2) University graduates or equivalents majoring civil engineering or related programs (3) Individuals with between 8 and 18 years of occupational experience in construction work</p>	
CONTENTS	PROGRAM PERIOD	May.6.2007 ~ Jun.23.2007
<p>The following subjects will be covered in this seminar through lectures, observations, and discussions:</p> <p>(1) Recent International conditions in the construction field, (2) Newly developed survey/design/construction engineering, (3) Engineering based on local materials or traditional techniques, (4) Environmental problems and the recycling of construction waste, and (5) Recent maintenance techniques.</p>	IMPLEMENTING PARTNER	Japan Construction Training Center
	JICA CENTER	Yokohama International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	This seminar will not deal with the subjects on building construction.

National and Regional Development Policy 国土・地域開発政策		▼ 0780980
		Urban/Regional Development—Urban Development
		10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>(1) To acquire the knowledge of planning, policy formulation, and the implementation of national land development and regional development projects in Japan (2) To obtain the practical knowledge and skills for the planning, implementation and know-how of appropriate national/ regional development policies in their country</p>	<p>(1) Individuals currently engaged in the planning or implementation of national or regional development projects or policies with more than 2 years of occupational experience (2) University graduates or equivalent (3) Under 46 years of age</p>	
CONTENTS	PROGRAM PERIOD	Sep.11.2007 ~ Oct.27.2007
<p>(1) Theory of national land planning and regional development (2) Development of national land infrastructure and environmental management (3) Industrial promotion (4) Case studies of regional development plans in developing countries (5) Observation and Case Study (6) Report formulation and presentation</p>	IMPLEMENTING PARTNER	Ministry of Land, Infrastructure and Transport
	JICA CENTER	Yokohama International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	


Seminar on Administration for Rural/Regional Development: One Village, One Product Movement for ASEAN Countries ASEAN地域振興行政セミナー（一村一品運動） Target Countries : Asia		0784029 Urban/Regional Development—Regional Development 6 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The purpose of this course is to enable administrative officers working on the field of rural/regional development to apply practical development schemes by studying Japanese rural/regional development cases and comprehending effective administrative strategies and operations for the development. This seminar will analytically introduce various cases of "OVOP movement" of Oita prefecture, which is recognized as one of the most successful strategies for the revitalization of rural areas in Japan.</p> <p>To achieve the objective, participants are expected to acquire the following knowledge and techniques:</p> <p>(1) Understanding the theoretical background of regional development (2) Acquiring knowledge of One Village, One Product Movement in Oita Prefecture (3) Acquiring basic knowledge of RRA (Rapid Rural Appraisal) and PRA (Participatory Rural Appraisal).</p>	<p>1) Officers of the national/local governments who are in charge of planning and implementation of rural/regional development program 2) University graduates or the equivalent 3)(Preferably) Individuals between the age of 30 and 50</p> <p>Note: As this course is not specific technical training for development of products, applicants had better not be specialized in specific technical domain.</p>	
CONTENTS	PROGRAM PERIOD	Sep.17.2007 ~ Oct.24.2007
<p>1) Introduction lectures(rural and endogenous development, history of rural development in Japan, Local administration and finance in Japan, Role of farmers' cooperative) 2) Administration in Oita Prefecture(Outline of Oita Prefectural government, Promotion of 1V 1P movement, Strategy for distribution and marketing) 3) PRA Workshop (Group field research in a rural community, group presentation and discussion) 4) Review and application of the movement</p>	IMPLEMENTING PARTNER	Oita OVOP International Exchange Promotion Committee
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	

Target Countries : Central Asia

10 participants / Russian

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Through the course, the following will be expected: 1) to understand the Hokkaido comprehensive development designated by the central government - Basic objectives and administrative framework - Measures of promotion and management in the process of the Hokkaido comprehensive development plan 2) to understand regional development through studying cases of Hokkaido(Industrial promotion, Environmental conservation, Public works, etc.) 3) to understand the roles of the central and local government 4) to evaluate the Hokkaido comprehensive development and consider its applicability in each country</p>	<p>【Target Group】 (1) Individuals nominated by each government in accordance with the proper procedures (2) Individuals with business experience in the field of regional development administration for more than 2 years (3) Administration officers in the field of planning and implementation of regional development (4) University graduates or equivalent (5) Individuals over 25 and under 40 years of age (6) Individuals proficient in spoken and written Russian (7) Individuals in good health, both physically and mentally, to undergo the course of training</p>	
CONTENTS	PROGRAM PERIOD	Jan.16.2008 ~ Feb.22.2008
<p><Preparatory Phase> Each participant prepares a Pre-training Report to share the problem he/she has on the job. <Curriculum in Japan> Lectures: Understanding Japan's administrative and financial system and comprehensive development of Hokkaido, Outline of the Hokkaido comprehensive development plan, Growth of Japanese Economy and its Background, the Hokkaido comprehensive development system and National, Regional Development Financing Systems, comprehensive development plans system, Relationship between Central and Local government, Finance system in Japan and Hokkaido development budget , Project assessment systems, Planning and Supervising by Local Administration, Local government system, Agricultural policy, Industrial policy, Promotion policy on SMEs, Environmental policy, Integrated transportation system, Public works, Mechanism and system of agricultural cooperative Observation: Public works, Efforts of SMEs, Agricultural cooperatives, Local promotion projects Discussion: Study report presentation</p>	IMPLEMENTING PARTNER	Hokkaido Regional Development Bureau (HRDB), Ministry of Land, Infrastructure and Transport
	JICA CENTER	Sapporo International Center
	COOPERATION PERIOD	2006~2010
	REMARKS	

Project Formulation for Regional Development Focused on Human Security for Southeast Asian Countries 東南アジア地域 人間の安全保障を重視した地域開発プロジェクト形成 Target Countries : Southeast Asia		0784110 Urban/Regional Development—Regional Development 9 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The course aims to provide the participants with a better understanding of regional development project planning with human security orientation.</p> <p>(1) Outcome Concept of human security as effective methodology for regional development is understood and shared in related organizations through disseminating what is learned during the training program and contents of action plans.</p> <p>(2) Output 1) The areas of intervention are identified from the perspective of human security 2) Skills and practical means to address human security concerns are understood 3) An action plan is developed in order to integrate the concept of human security with project planning and implementation in regional development; and 4) Dissemination activities are executed in related organizations and Result Reports are submitted describing the progress in realizing the action plans</p>	<p>1) Either government officers or NGO staff, who are directly engaged in CO works, planning, management and training activities for regional development projects in rural, rather than urban settings 2) University graduates or equivalent, with at least 5 years working experience on regional development 3) Individuals with a sufficient command of English (TOEFL score of at least 500 or equivalent)</p>		
CONTENTS	PROGRAM PERIOD	Oct.22.2007 ~ Dec.1.2007	
<p>1. Pre-training program - Develop Job Report and Inception Report</p> <p>2.Training Program in Japan</p> <p>1) Human security: Overview 2) Livelihood security: Poverty reduction and empowerment 3) People on the move 4) Conflict resolution and management 5) Project planning and monitoring for regional development with human security</p> <p>3. Post-training program - Develop and submit a Progress Report</p>	IMPLEMENTING PARTNER	United Nations Center for Regional Development (UNCRD)	
	JICA CENTER	Chubu International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Expected number of participants per country: 3	

Endogenous Regional Economic Development Utilizing Local Resources for Central Asia 中央アジア地域地域資源を活かした内発的地域経済開発研修 Target Countries : Central Asia		 0784212 Urban/Regional Development—Regional Development 8 participants / Russian
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The goal is to understand the importance of endogenous regional development in the interested countries and regions, to obtain knowledge for the planning and implementation of policies and projects aimed at development and promotion of local specialities and services utilizing locally available resources, and regionally clustered industries, and eventually to extend the outcome of the training to all the related organizations after returning home.</p>	<p>【Target Organizations】 ① Organizations providing supporting services for farmers groups or micro-producers ② Responsible sections in local authority (local government) providing supporting services for farmers groups or micro-producers</p> <p>【Target Group】 Public officers in local authority (local government) or public organization providing supporting services for farmers groups or micro-producers. Preferably with 10 to 20 years experience in this field</p>	
CONTENTS	PROGRAM PERIOD	Jan.21.2008 ~ Feb.23.2008
<ul style="list-style-type: none"> * Understanding the importance of endogenous regional development and organizing problems and challenges in interested nations and areas * Understanding support systems and measures to promote endogenous regional development in Japan and trying to find applicability * Understanding methods and know-how to create business opportunities by connecting available resources and market needs to develop products and services and trying to find their applicability * Comparing actual special local products and cases of local industry promotion in developing countries and Japan through case studies and trying to find applicability in interested nations and areas * Making action plans to cope with the problems and challenges faced by interested nations and areas, based on the above-mentioned results 	IMPLEMENTING PARTNER	United Nations Center for Regional Development
	JICA CENTER	Chubu International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	Expected number of participants per country : 1-2

Regional Development Promotion for ASEAN countries -One Village One Product- アセアン地域地域産業振興研修 Target Countries : ASEAN countries(Vietnam, Laos, Myanmar, Cambodia, East Timor)		0784222 Urban/Regional Development—Regional Development 12 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
Nowadays, many countries need to find their own way to develop their regions. And for Cambodia, Laos, Myanmar and Vietnam, they are facing difficulties as they have strong neighboring countries nearby, who could be big competitors for their own markets. In this situation, many countries like to apply the one-village one-product movement to their countries, however, it is necessary to understand its concepts and community capacity development. The purpose of the training course is to make an appropriate proposal based on community capacity development. For this purpose, we set up 4 objectives: (1) Understand the concept of rural community development, (2) Understand the system and the policy for community capacity development through case study of One Village One Product Movement, (3) Understand the system of planning, implementing and evaluating for rural development, and (4) Make a plan for rural development on the basis of community capacity development	【Target Organizations】 National/Regional governments in charge of planning/implementing/evaluating regional development and its systems 【Target Group】 <ul style="list-style-type: none"> • Central/Rural Officials who are in charge of planning / implementing / evaluating the rural development • University graduates or equivalent, • Individuals with a sufficient command of spoken and written English • (Preferably) Individuals 40 years of age or younger 		
CONTENTS	PROGRAM PERIOD	June 24, 2007 - July 14, 2007	
【Lectures】 <ul style="list-style-type: none"> • Community capacity development 【Lectures/Group Discussion】 <ul style="list-style-type: none"> • System of regional government • Decentralization • Role of regional government in regional development • Networking/Organization • Difference of OTOP(Thailand) and OVOP (Japan) • Planning and evaluation, performance measurement 【Discussion】 <ul style="list-style-type: none"> • Human development, leaders • Re-evaluation and efficient use of local resource 【Case Studies】 <ul style="list-style-type: none"> • Road side station, small business by women's groups • OVOP (e.g. Oyama, Yufuin) • Social Development (Health Sector, Education) 	IMPLEMENTING PARTNER	Ritsumeikan Asia Pacific University (APU)	
	JICA CENTER	Kyushu International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Several participants from each country: Laos, Vietnam, Cambodia, Myanmar, East Timor	


NEPAD Programme on Technical Assistance for Infrastructure (Concrete Structure Maintenance) NEPADインフラ支援 (コンクリート構造物メンテナンス) Target Countries : Africa		0784163 Urban/Regional Development—Regional Development 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
Through the training course, participants are expected to 1. Acquire surveying and diagnostic methodologies for existing concrete structures; 2. Acquire testing methods relating to the durability of concrete structures; 3. Acquire various testing methods relating to alkali-aggregate reaction.	<ul style="list-style-type: none"> • University graduates or equivalent (preferably with a major in the field of civil engineering or architecture) • Individuals with field experience related to the inspection and maintenance of concrete structures and more than 2 years experience in a technical or research position 		
CONTENTS	PROGRAM PERIOD	Sep.18.2007 ~ Nov.25.2007	
1. Mutual recognition of issues and conditions surrounding the premature deterioration of reinforced concrete structures in participants countries will be accomplished through presentation of Country Reports. 2. Lectures and practical studies (experimentation) will be conducted regarding durability and alkali-aggregate reaction. 3. Fieldwork will be conducted involving actual concrete structures	IMPLEMENTING PARTNER	General Building Research Corporation of Japan (GBRC)	
	JICA CENTER	Osaka International Center	
	COOPERATION PERIOD	2006~2010	
REMARKS			

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
This course is designed for the capacity development of those who are permanently responsible for tourism promotion (ideally eco-tourism) at local governments /authorities or other relevant organizations in Eastern Europe.	<p>【Target Organizations】 - National government - Local governments/authorities - Other relevant organization including NGOs, public/private associations involved in tourism promotion at local level</p> <p>【Target Group】 (1) Individuals with at least three (3) years practical experience in tourism sector (experience in eco-tourism is highly preferable.) (2) Age: Approximately 25- 40 years old</p>	
CONTENTS	PROGRAM PERIOD	under planning
1. Overview of regional tourism promotion policies in Kiyosato 2. Case studies (local tourism promotion policies/plans by city and villages) 3. Field visit 4. Interviews with relevant organizations/personnel 5. Country report presentation 6. PCM workshop 7. Preparation of action plan 8. Others	IMPLEMENTING PARTNER	under planning
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Participatory Local Social Development: Theories and Practices 参加型地域社会開発の理論と実践		0780727
		Urban/Regional Development—Regional Development
		12 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The participants will obtain comprehensive knowledge and skills of Participatory Local Social Development (PLSD), and will be able to plan and manage social development projects from PLSD viewpoints and perspectives. Expected Results are:</p> <ol style="list-style-type: none"> To gain comprehensive knowledge of the Participatory Approach (PA) as an effective methodology for social preparation and experience-based learning among target local people To acquire the basic framework for analyzing local people's capability and the mechanisms of resource utilization and management in the context of a local community and social system To obtain comprehensive knowledge and skills of participatory local social development planning and management To develop the ability to revise their respective present projects through review and analysis from PLSD viewpoints and perspectives 	<p>[Target Organizations] Local governments, groups that implement/plan field projects such as NGOs, research institutes, organizations that conduct Local Social Development projects.</p> <p>[Target Group] (1) Planners, trainers, and practitioners, especially poverty reduction related PLSD projects (2) University graduates or the equivalent, with at least 5 years of work experience (3) Individuals with a sufficient command of English (TOEFL score of at least 500 or equivalent) (4) Age: under 45 years old</p>	
CONTENTS	PROGRAM PERIOD	Jan.28.2008 ~ Mar.15.2008
<ol style="list-style-type: none"> Introduction of the participants' projects Conceptual framework and practical method for PLSD Practical methods of PA and sectoral case studies in developing Countries Field Trip to PLSD related sites Exercises in PLSD planning, management, monitoring and evaluation Action Plan development to improve participants' projects 	IMPLEMENTING PARTNER	NIHON FUKUSHI UNIVERSITY
	JICA CENTER	Chubu International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	(1) To enhance and disseminate the training outcome, applications from JICA counterparts prioritized. (2) Applications without Project Report (P/R) (including P/R not following the Guidelines in GI) are not acceptable.

Participatory Local Social Development: Project Planning and Management 参加型地域社会開発のプロジェクト計画・管理		0780984
		Urban/Regional Development—Regional Development
		11 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The participants will obtain comprehensive knowledge and skills of Participatory Local Social Development (PLSD), and will be able to plan and manage social development projects from PLSD viewpoints and perspectives. Expected Results are:</p> <ol style="list-style-type: none"> To gain comprehensive knowledge of the Participatory Approach (PA) as an effective methodology for social preparation and experience-based learning among target local people To acquire the basic framework for analyzing local people's capability and mechanisms of resource utilization and management in the context of a local community and social system To obtain comprehensive knowledge and skills of participatory local social development planning and management To develop the ability to revise their respective present projects through review and analysis from PLSD viewpoints and perspectives 	<p>[Target Organizations] Local governments, groups that implement/plan field projects such as NGOs, research institutes, organizations that conduct Local Social Development projects.</p> <p>[Target Group] (1) Planners, trainers, and practitioners especially poverty reduction related PLSD projects (2) University graduates or the equivalent, with at least 5 years of work experience (3) Individuals with a sufficient command of English (at least TOEFL score 500 or equivalent) (4) Age: under 45 years old</p>	
CONTENTS	PROGRAM PERIOD	Aug.6.2007 ~ Sep.15.2007
<ol style="list-style-type: none"> Introduction of the participants' projects Conceptual framework and practical method for PLSD Practical methods of PA and sectoral case studies in developing Countries Field Trip to PLSD related sites Exercises in PLSD planning, management and monitoring Action Plan development to improve participants' projects 	IMPLEMENTING PARTNER	NIHON FUKUSHI UNIVERSITY
	JICA CENTER	Chubu International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	(1) To enhance and disseminate the training outcome, applications from JICA counterparts prioritized. (2) Applications without Project Report (P/R) (including P/R not following the Guidelines in GI) are not acceptable.

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Through the course, the following are expected: 1) To understand the Hokkaido comprehensive development designated by the central government - Basic objectives and administrative framework - Measures of promotion and management in the process of the Hokkaido comprehensive development plan 2) To understand regional development through studying cases of Hokkaido (Industrial promotion, Environmental conservation, Public works, etc.) 3) To understand the roles of the central and local government. 4) To evaluate the Hokkaido comprehensive development and consider its applicability in each country</p>	<p>【Target Group】 (1) Individuals nominated by each government in accordance with the proper procedures (2) Individuals with business experience in the field of regional development administration for more than 2 years (3) University graduates or equivalent (4) Individuals over 25 and under 40 of age (5) Individuals a sufficient command of spoken and written English (6) Individuals in good health , both physically and mentally, to undergo the course of training</p>	
CONTENTS	PROGRAM PERIOD	Sep.25.2007 ~ Nov.16.2007
<p><Preparatory Phase> Each participant prepare a Pre-training Report to share the problem he/she has on the job. <Curriculum in Japan> Lectures: The Hokkaido comprehensive development system, Planning and Supervising by Local Administration, Outline of comprehensive development planning, Financing system in regional development, Local government system, Relationship between the central and local government, Finance system in Japan and Hokkaido development budget, Hokkaido Development Progress and the, Growth of Japanese Economy and its Background to it, Agricultural policy, Industrial policy, Promotion policy on SMEs, Environmental policy, Housing policy, Integrated transportation system, Public works, Project assessment systems, Local administration and community Observation/study tour: Public works, Efforts of SMEs, Agricultural cooperative, Local promotion projects Discussion, Study report presentation</p>	IMPLEMENTING PARTNER	Hokkaido Regional Development Bureau (HRDB), Ministry of Land, Infrastructure and Transport
	JICA CENTER	Sapporo International Center
	COOPERATION PERIOD	2003~2007
	REMARKS	

Global Mapping: Contribution to Global Mapping Development by GIS 地球地図作成技術：地球地図整備に貢献することを目指した地理情報システム Target Countries : Countries without Global Map data		 0780874 Urban/Regional Development—Geographical Information
		8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The objective of this program is to promote the Global Mapping Project.</p> <p>[Output] To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1) To understand the importance of the Global Map in policy decision-making 2) To acquire the skills of remote sensing and GIS needed to develop the Global Map 3) To acquire the procedures of developing Global Map data 4) To understand the measures to promote the Global Mapping Project in the participant's country 5) To finalize the final report based on a draft written in Japan, which includes actions to be taken to promote the Global Mapping Project 	<p>[Target Organizations] National mapping organizations</p> <p>[Target Group] - Individuals with at least 3 years of experience in the field of GIS, digital mapping or remote sensing - Individuals working in or be going to work in the Global Mapping Project</p>	
CONTENTS	PROGRAM PERIOD	Aug. 14 - Nov. 3, 2007
<p>[Preparatory phase] Participants will make a Job report which consists of the current status of the Global Mapping Project, difficulties in promoting it and possible measures to eliminate those difficulties.</p> <p>[Program in Japan] The program in Japan consists of lectures, practical exercises, site visits, presentations and discussions, focusing on reconfirmation of the importance of the Global Mapping Project, and providing the necessary skills to develop Global Map data.</p> <p>Lectures: Outline of the Global Map, global environmental problems, GIS, and digital data set format for the Global Map Practical exercises: Base map creation, digitization, raster-vector conversion, editing</p> <p>In parallel with these activities, participants will make a draft of the final report in which they clarify the problems hindering the Project, analyze them and suggest possible solutions to promote the Global Mapping Project.</p> <p>[Development phase] - Participants will share the draft of the final report in their respective organizations and elaborate feasible action plans based on it. - Three months after returning to their country, participants will submit the final report, which includes the progress of the elaborated action plans.</p>	IMPLEMENTING PARTNER	GEOGRAPHICAL SURVEY INSTITUTE, MLIT
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	<p>- The Global Mapping Project aims to provide standardized digital geographic information covering the earth's surface, to help solve global environmental issues. The Global Map is being produced under international cooperation by national mapping organizations participating in the Global Mapping Project. It will cover all the earth's surface by the year 2007. The target of this program is those countries which have not yet participated in the Project or have recently participated in the Project but do not yet have enough skills to develop the necessary data.</p> <p>- For the year 2007, those countries which have already released their Global Map data will not be allowed to participate in this training program.</p> <p>- Related website: Geographical Survey Institute http://www.gsi.go.jp/ENGLISH/index.htmlGlobal Mapping Project http://www.iscgm.org/cgi-bin/fswiki/wiki.cgi</p>

Planning and Management of National Mapping and Surveying 国家測量事業計画・管理		 0780922
		Urban/Regional Development—Geographical Information
		8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>[Overall Goal] To develop leading technical managers who envision effective and efficient management approaches of national surveying and mapping projects according to the diversification of customers' needs and development of society.</p> <p>[Objective] After finishing this course, a concept how to plan and manage the national surveying and mapping and a concept of institutional strengthening of National Mapping Organization through the participant's experience in Japan will be shared.</p> <p>[Outputs] To reach the objective, participants are expected to achieve the following: 1) To master planning and managing skills of surveying and mapping conducted by NMO's as well as institutional and legal frameworks of NMOs. 2) To master contemporary technologies for surveying and mapping such as GPS, GIS, digital photogrammetry and Remote Sensing. 3) To develop an action program of NMO taken in consideration of his/her own country's socio-economic situation, and make a presentation about it. After returning to his/her country 4) To make an evaluation report of the action program written in Japan based on the audience's opinion of reporting session with the attendance of supervisors.</p>	<p>[Target Organizations] National Surveying and Mapping Organizations (NMO)</p> <p>[Target Group] Technical officials at managerial level (head or deputy head of a division) for at least 7 years</p>	
CONTENTS	PROGRAM PERIOD	Oct.30.2007 ~ Aug.2.2008
<p>[Preparatory Phase] Participants will make a Job Report in order to identify and realize the problems of their respective NMOs.</p> <p>[Program in Japan] The program consists of lectures, practice, study trips, workshops and individual study include the following subjects: (1) General Studies - Data Processing - Presentation Techniques - Physical Exercise (2) Cultural Studies - Society & Economy - Science & Technology - Global Issue (3) Planning and management Techniques - Planning Tool - Management Tool - Organizational Strengthening (4) Survey Administration - Survey Administration - Issues in Survey Administration - Survey Project Management - Customer Service - International Cooperation - Survey Education (5) Survey Technology - Basic Survey Technology - VLBI/GPS Survey - GIS - Digital Photogrammetry/RS - Trend of new technology (6) Workshop (Group Discussion) Proposal of strategy in NMOs (7) Individual Study for optimizing NMOs activities</p> <p>[Development Phase] Within three months of returning to their home countries, the participants finalize the evaluation report and submit to Japan. Detail: Participants will present the report prepared in Japan to supervisors and colleagues and elaborate an evaluation report taking audience evaluation and opinion into consideration. The evaluation report will be submitted to local JICA office in three months after leaving Japan with the official letter of the NMO, in case there is no local JICA office the final report should be sent to JICA Tsukuba directly.</p>	<p>IMPLEMENTING PARTNER GEOGRAPHICAL SURVEY INSTITUTE, MLIT</p> <p>JICA CENTER Tsukuba International Center</p> <p>COOPERATION PERIOD 2005~2009</p> <p>REMARKS GSI: http://www.gsi.go.jp/ENGLISH/ (The contents of the program are subject to change.)</p>	

Environmental Management

〈環境管理〉

Environmental Management: Air Pollution

Standard Category		Leaders Training Programs								
Objective										
Enhance ability to control environmental pollution (air pollution) through cooperation among industry, academia (research institutions), citizens & government	Improve policy planning ability of governments									
	Improve governments' ability to implement pollution control measures	GTC) Environmental Impact Assessment for ODA Project 0780936 TG: technical official	GTC) Seminar for ODA Loan in Environmental Improvement and Anti-Pollution Measures 0780838 TG: administrative and technical official		GTC) Environmental Management Technology in Chemical Industries 0780982 TG: administrative and technical official, business enterprise		RFC) Industrial Pollution Control Management for Middle Eastern Countries 0784021 TG: technical official	RFC) Environmental Management - Pollution Control- for Southwest Asia 0784168 TG: technical official, engineer	GTC) Risk Assessment and Monitoring for Environmental Chemicals 0780811 TG: engineer, researcher	GTC) Formulation of Environmental Standards and Regulations 0780053 TG: high-ranking official, administrative and technical official
	Promote environmental education & learning by governments	GTC) Environmental Education Focused on Fresh Water Environment - For Tertiary Level Teaching Staff- 0780991 TG: educator								
	Enhance science & technology to support governments in forming & implementing more effective policies	RFC) Acid Deposition Monitoring Network in East Asia 0784078 TG: technical official, researcher	GTC) Health and Environmental Technologists 0780823 TG: technologist	GTC) Heavy Metal and Other Hazardous Substance Pollution Control 0780224 TG: technical official, engineer					GTC) Risk Assessment and Monitoring for Environmental Chemicals 0780811	
	Enhance businesses' ability to address environmental problems				GTC) Environmental Management Technology in Chemical Industries 0780982	GTC) Maintenance Management for Cleaner Production 0780885 TG: public works corporation, business enterprise	RFC) Industrial Pollution Control Management for Middle Eastern Countries 0784021		GTC) Computerized Machine Control for Mechanical Automation- Essentials for Cleaner Production- 0780886 TG: business enterprise	
	Improve citizens' capability to address environmental problems (air pollution)							RFC) Environmental Management - Pollution Control- for Southwest Asia 0784168		
	Enhance ability of research institutions incl. universities to address environmental problems (air pollution)		GTC) Health and Environmental Technologists 0780823							GTC) Formulation of Environmental Standards and Regulations 0780053
Facilitate to implement air pollution control measures	Promote local air pollution control measures	RFC) Acid Deposition Monitoring Network in East Asia 0784078		GTC) Heavy Metal and Other Hazardous Substance Pollution Control 0780224		RFC) Industrial Pollution Control Management for Middle Eastern Countries 0784021	RFC) Environmental Management - Pollution Control- for Southwest Asia 0784168			
	Promote measures to address transboundary air pollution in the region									
	Promote global air pollution control									

Leaders Training Programs						Trainers Training Programs	Solution Creation Programs			
GTC) Environmental Policy and Environmental Management System 0780992 TG: technical official, engineer	GTC) Chemical Management Policy 0780026 TG: administrative and technical official	RFC) Environmental Protection Technology and Management against Air Pollution 0784138 TG: administrative and technical official, researcher	GTC) Regional Measures and Methods for Pollution Control for Environmental Engineers 0780917 TG: technical official, engineer, researcher	RFC) Air Pollution Source Monitoring Management for Asian Countries 0784112 TG: technical official	GTC) Automotive Technology for Environmental Protection 0780921 TG: administrative and technical official, technologist	GTC) Air Quality Management Policy 0780864 TG: technical official	GTC) Urban Environment and Transportation 0780844 TG: administrative and technical official	GTC) Measures Against Urban Environmental Problems 0780215 TG: technical official	GTC) Seminar on Ozone Layer Protection 0780937 TG: administrative and technical official	GTC) Air Pollution Control 0780854 TG: technical official
	GTC) Environmental Radioactivity Analysis and Measurement Technique 0780938 TG: engineer, researcher									
	RFC) Cleaner Production in Process Industries for Latin American Countries (for Managers and Engineers of Process Industries) 0784119 TG: business enterprise					GTC) Air Quality Management Policy 0780864				GTC) Air Pollution Control 0780854
GTC) Environmental Policy and Environmental Management System 0780992		RFC) Environmental Protection Technology and Management against Air Pollution 0784138	GTC) Regional Measures and Methods for Pollution Control for Environmental Engineers 0780917	RFC) Air Pollution Source Monitoring Management for Asian Countries 0784112	GTC) Automotive Technology for Environmental Protection 0780921	GTC) Air Quality Management Policy 0780864		GTC) Measures Against Urban Environmental Problems 0780215	GTC) Seminar on Ozone Layer Protection 0780937	GTC) Air Pollution Control 0780854
									GTC) Seminar on Ozone Layer Protection 0780937	

Environmental Management: Water Pollution

Category	Standard	Leaders Training Programs												
Improve ability to conserve water quality /to control water contamination noting each role of governments, business, citizens & research institutions (incl. universities)	Improve legal system		RFC) Industrial Pollution Control Management for Middle Eastern Countries 0784021 TG: technical official		GTC) Seminar for ODA Loan in Environmental Improvement and Anti-Pollution Measures 0780838 TG: administrative and technical official	RFC) Environmental and Social Considerations in Oceania 0784114 TG: technical official		GTC) Chemical Management Policy 0780026 TG: administrative and technical official	GTC) Environmental Technology in Chemical Industries 0780982 TG: administrative and technical official, business enterprise	GTC) Environmental Impact Assessment for ODA Project 0780936 TG: technical official	GTC) Risk Assessment and Monitoring for Environmental Chemicals 0780811 TG: engineer, researcher		GTC) Formulation of Environmental Standards and Regulations 0780053 TG: high-ranking official, administrative and technical official	GTC) Water Environmental Monitoring 0780962 TG: engineer
	Improve organizations/human resources							GTC) Environmental Education Focused on Fresh Water Environment - For Tertiary Level Teaching Staff- 0780991 TG: educator						
	Improve finances							GTC) Environmental Administration with Community Participation 0780007 TG: administrative and technical official, NGO						
	Enhance scientific expertise concerning water environment	GTC) Environmental Radioactivity Analysis and Measurement Technique 0780938 TG: engineer, researcher					GTC) Health and Environmental Technologists 0780823 TG: technologist					GTC) Risk Assessment and Monitoring for Environmental Chemicals 0780811	GTC) Formulation of Environmental Standards and Regulations 0780053	GTC) Water Environmental Monitoring 0780962
	Enhance businesses' environmental management ability	RFC) Cleaner Production in Process Industries for Latin American Countries (for Managers and Engineers of Process Industries) 0784119 TG: business enterprise		GTC) Effective Use of Industrial Water and Re-use of Waste Water 0780074 TG: technical official, engineer					GTC) Environmental Management Technology in Chemical Industries 0780982			GTC) Maintenance Management for Cleaner Production 0780885 TG: public works corporation, business enterprise		
	Improve citizens' ability to address water contamination		RFC) Industrial Pollution Control Management for Middle Eastern Countries 0784021		GTC) Seminar for ODA Loan in Environmental Improvement and Anti-Pollution Measures 0780838		GTC) Environmental Education Focused on Fresh Water Environment - For Tertiary Level Teaching Staff- 0780991	GTC) Environmental Administration with Community Participation 0780007		GTC) Environmental Impact Assessment for ODA Project 0780936				
	Improve ability of research institutions incl. universities to address water contamination												GTC) Formulation of Environmental Standards and Regulations 0780053	
Improve water conservation/ water contamination control measures appropriate to relevant body of water	Improve water conservation/water contamination control measures in rivers	GTC) Operation & Maintenance of Sewerage Facilities 0780762 TG: engineer, public works corporation	RFC) Industrial Pollution Control Management for Middle Eastern Countries 0784021	GTC) Effective Use of Industrial Water and Re-use of Waste Water 0780074			RFC) Sewage treatment technique for Central and South America 0784018 TG: engineer, public works corporation	GTC) Environmental Administration with Community Participation 0780007						GTC) Water Environmental Monitoring 0780962
	Improve ground water conservation/ground water contamination measures													
	Improve water conservation/ water contamination measures in lakes and marshes													GTC) Water Environmental Monitoring 0780962
	Improve water conservation/ water contamination measures in closed sea areas							GTC) Environmental Administration with Community Participation 0780007						

Environmental Management: Solid Waste Management


Objective	Leaders Training Programs										Trainers Training Programs	Solution Creation Programs	
	Standard Category	GTC) Chemical Management Policy 0780026 TC: administrative and technical official	GTC) Regional Measures and Methods for Pollution Control for Engineers 0780917 TC: technical official, engineer	GTC) Heavy Metal and Other Hazardous Substance Pollution Control 0780224 TC: technical official, engineer	GTC) Environmental Policy and Environment Management System 0780992 TC: technical official, engineer	RFC) Industrial Pollution Control for Middle Eastern Countries 0784021 TC: technical official	RFC) Environmental Pollution Management - Control- for Southwest Asia 0784168 TC: technical official, engineer	RFC) Hazardous Waste Management and Appropriate Disposal for Asia 0784209 TC: administrative and technical official	GTC) Comprehensive Waste Management Technique 0780226 TC: engineer, public works corporation	GTC) Seminar on Comprehensive Solid Waste Management 0780974 TC: administrative and technical official			GTC) Urban Solid Waste Management 0780802 TC: administrative and technical official, engineer
Improve SWM capability	Improvement of organizations												
	Improvement of finances												
Improve cooperation with the private sector													
Establish SWM system appropriate to target society	Improvement of technology	GTC) Automotive Technology for Environmental Protection 0780921 TC: administrative and technical official, engineer	GTC) Heavy Metal and Other Hazardous Substance Pollution Control 0780224	RFC) Environmental and Social Considerations in Oceania 0784114 TC: technical official	RFC) Industrial Pollution Control Management for Middle Eastern Countries 0784021	RFC) Environmental Pollution Management - Control- for Southwest Asia 0784168	RFC) Hazardous Waste Management and Appropriate Disposal for Asia 0784209	GTC) Comprehensive Waste Management Technique 0780226	GTC) Seminar on Comprehensive Solid Waste Management 0780974	GTC) Urban Solid Waste Management 0780802	GTC) Waste Management and 3Rs (Reduce, Reuse, Recycle) Policy 0780121	RFC) Solid Waste Management for Southwest Asia 0784224 TC: administrative and technical official, engineer	
	Due consideration to culture & society	GTC) Environmental Administration with Community Participation 0780007 TC: administrative and technical official, NGO	GTC) Environmental Impact Assessment for ODA Project 0780936 TC: technical official										
Improve environmental management ability of SW generators (corporations)													


Environmental Management: Cross-sectoral

Objective		Standard Category		Leaders Training Programs	Trainers Training Programs	Solution Creation Programs		International Dialogue Programs
Enhance ability to control environmental pollution through cooperation among industry, academia (research institutions), citizens & government	Enhance governments' policy making ability							
	Enhance governments' ability of implementing measures	GTC) Environmental Impact Assessment for ODA Project 0780936 TG: technical official	GTC) Capacity Building for Project Staff Regarding Kyoto Mechanism 0780793 TG: administrative and technical official, engineer			RFC) Capacity Development of Host Countries of CDM/JI for Southeast European and CIS countries 0784195 TG: administrative and technical official	GTC) Development of Strategies on Climate Change 0780572 TG: administrative and technical official	
		GTC) Seminar for ODA Loan in Environmental Improvement and Anti-Pollution Measures 0780838 TG: administrative and technical official						
		RFC) Environmental and Social Considerations in Oceania 0784114 TG: technical official						
	Promote science & technology to support governments' ability to formulate/implement measures more effectively							
	Enhance business' ability of environmental management (by introduction of CP etc.)	GTC) Computerized Machine Control for Mechanical Automation-Essentials for Cleaner Production- 0780886 TG: business enterprise	GTC) Maintenance Management for Cleaner Production 0780885 TG: public works corporation, business enterprise					
RFC) Cleaner Production in Process Industries for Latin American Countries (for Managers and Engineers of Process Industries) 0784119 TG: business enterprise								
Enhance research institutions' (incl. universities) capability of preventing global warming					GTC) Research on Environment Technology 0780729 TG: researcher			
Promote implementation of measures against global warming control	Promote local measures against global warming			GTC) Capacity Building for Project Staff Regarding Kyoto Mechanism 0780793 TG: administrative and technical official, engineer		RFC) Capacity Development of Host Countries of CDM/JI for Southeast European and CIS countries 0784195 TG: administrative official, technical official	GTC) Development of Strategies on Climate Change 0780572 TG: administrative and technical official	

Environmental Management -Pollution Control- for Southwest Asia 南西アジア地域 公害防止行政		0784168
Target Countries : Southwest Asia		Environmental Management—Environmental Administration 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Participants will acquire comprehensive knowledge and skills on anti-pollution measures to enhance their capabilities for effective planning and implementation of pollution control.</p> <p>To attain the objective, participants are expected to achieve the following results:</p> <p>(1) To clarify the issues and causes of pollution control in respective countries (2) To understand the present system and historical process of pollution control in Japan mainly focusing on the role and function of local governments (3) To understand the fundamental techniques for water quality preservation, air quality preservation, and solid waste management (4) To understand the importance and concrete methods of environmental education/awareness for pollution control (5) To understand the system and methodologies of EIA (6) To make an Action Plan to promote effective pollution control in respective countries based on the knowledge and skills acquired from the course</p>	<p>【Target Organizations】 Departments in charge of pollution control (legislation and enforcement of related laws, planning and implementation of anti-pollution measures, monitoring and technical support) in central/local government or concerned organizations 【Target Group】 (1) Administrative officials in charge of pollution control in national/local governments (2) Over three years of work experience in the field (3) University degree or equivalent (4) Sufficient command of written and spoken English (5) Under forty five (45) years of age in principle</p>	
CONTENTS	PROGRAM PERIOD	Oct. 2007 ~ Dec. 2007
<p>The program consists of the following units;</p> <p>(1) Issue analysis workshop: Analysis of issues and causes of pollution control in participants' countries (2) Country report presentation: Sharing the results from (1) (3) Overview: Environmental preservation administration, anti-pollution laws and environmental preservation techniques in Japan (4) Water quality preservation (5) Air quality preservation (6) Solid waste management (7) Environmental impact assessment (EIA) (8) Environmental education/awareness (9) Feedback session: Review of each unit of the training (10) Final report preparation and presentation: Considering an action plan for improving pollution control in participants' countries</p>	IMPLEMENTING PARTNER	Environment Assessment Affairs Office, Hiroshima Prefectural Government
	JICA CENTER	Chugoku International Center
	COOPERATION PERIOD	2006~2008
	REMARKS	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Capabilities for implementing sustainable communities will be enhanced. To reach the objectives, the participants are expected:</p> <p>(1) To cultivate a practical ability to reflect knowledge in policies by understanding the Japanese framework for municipalities. (2) To obtain the know-how of sustainable community development based on collaboration between citizens and municipalities. (3) To formulate an action plan for sustainable community focused on democratic consensus-building .</p>	<p>(1)Local government officials responsible for the formulation and implementation of community-based environmental management policy. (2)At least 3 years of practical experience * Participants are expected to have strong interest in the participatory approach.</p>	
CONTENTS	PROGRAM PERIOD	Oct. 2007 ~ Nov. 2007
<p>The curriculum consists of the following three parts:</p> <p>(1) Lectures (a) Community Development in Japan (b) Environmental impact assessment (EIA) (c) Environmental education /public awareness (d) Disclosure, environmental media, etc. (2)Field visits (a) Private companies with corporate social responsibility (CSR) (b) Model environmental cities (3) Presentation and Discussions/Workshop (a) Presentation of job report (b) Group discussion and panel session (c) Presentation of action plan</p>	IMPLEMENTING PARTNER	Under planning
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Chemical Management Policy 化学物質管理政策研修		 0780026 Environmental Management—Environmental Administration 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The sound management of chemicals has been recognized as one of the global agenda since Rio summit in 1992 and that was reaffirmed in World Summit on Sustainable Development (WSSD) plan of implementation in 2002. To achieve the WSSD's goal, that is to minimize significant adverse effect on human health and environment by 2020, the Strategic Approach on International Chemical Management (SAICM) was adopted in February 2006, in which the improvement of Capacity-building in developing countries is one of the objectives.</p> <p>The goals and objectives of this training program are fostering of policy-makers responsible for designing chemical management system. Specifically, this training program is intended to encourage participants to discuss and propose improvement plans developed at the end of the training program, and to apply such improvement plans to operations in their organizations as appropriate.</p>	<p>Executive officers who have been engaging in planning and enforcement of chemical management systems in the central government and have no less than 5 years of experience, 45 years old or younger, University graduates or equivalent quantification in this field.</p> <p>This program is developed for government officials who are engaged in policy development and implementation. Thus this program may not be suitable for researchers.</p>	
CONTENTS	PROGRAM PERIOD	Jul.3.2007 ~ Jul.14.2007
Basic Concept of Chemical Management Policies in Japan International Trends in Chemical Management Japanese Chemical Management System Globally Harmonized System of Classification and Labeling of Chemicals Factory tours Development of Information Infrastructures for Chemical Management Action Plan	IMPLEMENTING PARTNER	NATIONAL INST. OF TECHNOLOGY & EVALUATION
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	Since SAICM encourages regional cooperation, participation from Asia-Pacific Region would be recommended.

Formulation of Environmental Standards and Regulations 環境汚染規準・規制策定手法		 0780053 Environmental Management—Environmental Administration 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The purpose of the training course is to enhance the ability of policymaking especially for environmental policy or regulations based on the environmental monitoring data.</p> <p>For this purpose, we set up 4 objectives:</p> <p>(1) To understand the meanings of the environmental indicators (2) To acquire the ability to formulate the environmental standards based on the environmental monitoring data (3) To acquire the ability to formulate the environmental regulations based on the environmental monitoring data (4) To acquire the ability to plan countermeasures against pollution based on the environmental regulations</p>	<p>【Target Organizations】 Policy making sections about environmental issues in central / local governments</p> <p>【Target Group】 Policymakers of the environmental policies or regulations</p>	
CONTENTS	PROGRAM PERIOD	Jan.14.2008 ~ Feb.2.2008
<p>【Lecture】</p> <p>1) Meaning of environmental indicator (BOD, COD, NOx, SOx, etc.) 2) Environmental monitoring method 3) Methodology for policymaking, formulating the environmental standards and regulations</p> <p>【Exercise】</p> <p>1) Formulating the environmental standards based on the environmental monitoring data in participating countries 2) Formulating the environmental regulation based on the environmental monitoring data in participating countries</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Participants will propose realistic measures against urban environmental problems in their cities. To reach the objective, participants are expected to achieve the following:</p> <p>(1) To deepen the understanding of methods and frameworks of urban environmental preservation for public health and safety through studying cases in Sapporo (2) To analyze concrete measures and projects (especially, good practices and controversial cases) which have been implemented by municipalities in urban areas (3) To understand the methods and processes to be able to reflect upon monitoring results on environmental policies and measures (4) To make practical action plans for measures against urban environmental problems in participating municipalities</p>	<p>[Target Organizations] Municipalities in metropolitan areas</p> <p>[Target Group] (1) Technical officers in charge of environmental administration who holds or potentially assume a managerial post at a municipality facing urban environmental problems (2) Individuals with at least 3 years of practical work experience</p>	
CONTENTS	PROGRAM PERIOD	Jan.22.2008 ~ Mar.5.2008
<p>This course covers the following topics.</p> <p>(1) Lectures: (a) Approach to urban environmental management (b) Municipalities' missions and functions in urban environmental administration (c) Features and measures of main urban environmental problems (waste management, water pollution, disaster/energy control, etc.) (d) Environmental education, etc.</p> <p>(2) Practice: (a) Formulation of integrated basic plan (b) PCM (Project Cycle Management), etc. (3) Observations and discussions: (a) Case examples for urban environmental management (garbage recycling factory, landfill site which is changed to a park, sewage and waste treatment facilities, underground car park, disaster prevention center for citizens, solar power generation device, etc.) (b) Case examples of environmental education</p> <p>Preparatory Phase: To make Inception Reports on participants' responsibilities and urban environmental problems in the participants' municipalities</p> <p>Curriculum in Japan: Participants will obtain practical knowledge and ideas, and write and examine action plans which will be applied to the participating municipalities, fully utilizing the knowledge and ideas they have obtained through the course</p> <p>Post-program Activities: Action Plans will be shared and modified through discussion among persons concerned and the Final Report will be prepared and submitted to JICA within 6 months after return.</p>	IMPLEMENTING PARTNER	Environmental Affairs Bureau, City of Sapporo
	JICA CENTER	Sapporo International Center
	COOPERATION PERIOD	2006~2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>To enable participants to understand the guidance, prevention and law enforcement of illegal dumping, and cooperative relation between the public sector and citizens in marine environment protection.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand the international framework of marine environment protection including: UNCLOS, MARPOL73/78, OPRC, etc.</p> <p>(2) To understand an outline of the law relating to the prevention of marine pollution in Japan.</p> <p>(3) To understand an overview of Japan's efforts for marine environment protection.</p>	<p>[Organizations] Engaged in planning the policy related to marine environment protection</p> <p>[Target Group] (1) Individuals with at least 5 years of experience in the field of marine environment protection (2) Senior administrative staff (not engineers or researchers) (3) Individuals 30-45 years of age</p>	
CONTENTS	PROGRAM PERIOD	Sep.4.2007 ~ Oct.13.2007
<p><Preparatory phase> Formulating a country report describing the present situation of marine environment protection in the participants' countries and roles of their organizations.</p> <p><Program in Japan> This program consists of lectures, practical exercises, discussions, report-making/presentation, and observation tours. The main themes are: (1) Outline of the Japan Coast Guard (2) International framework of marine environment protection (3) Law enforcement against illegal discharge (4) Outline of the characteristic of oil and analysis method (5) Presentation of a training report</p>	IMPLEMENTING PARTNER	JAPAN COAST GUARD
	JICA CENTER	Okinawa International Center
	COOPERATION PERIOD	2003~2007
	REMARKS	* Major Requirement: An administrative officer (not engineers or researchers)

Regional Measures and Methods for Pollution Control for Environmental Engineers 地域環境保全対策と技術		Environmental Management—Environmental Administration 5 participants / English	
OBJECTIVE		TARGET ORGANIZATIONS / GROUP	
Participants will propose plans to better reflect upon the data and information obtained by the research section for the pollution control policy and administration in their countries. To reach the objective, participants are expected to achieve the following: 1) To gain practical ideas about an effective process of pollution control policy and measures (environmental policies, legal and administration systems, roles of research and administration sections and cooperation between them, the steps from surveys, and analyses to administrative measures) 2) To gain a concrete understanding of water preservation, water pollutant sources, sewage treatment methods, and related survey and analysis techniques 3) To gain a concrete understanding of air preservation, air pollutant sources, exhaust systems, and related survey and analysis techniques 4) To gain a concrete understanding of waste treatment and waste recycling 5) To make an action plan to strengthen the cooperation and interactions between research organizations, and policy and administration sections, and to better reflect upon the data and information obtained from research for the environmental policy and administration		(1) Technical officials and researchers responsible for pollution control at government environment research institutes, and technical officials in charge of pollution control policies and administration (NOTE: This program is NOT for officers/researchers in charge of natural conservation.) (2) University graduates in environmental engineering or chemistry (NOT biology)	
CONTENTS		PROGRAM PERIOD	Sep.25.2007 ~ Nov.22.2007
The curriculum covers the following subjects from theoretical and practical viewpoints. (1) Lectures: (a) Environmental administration in Japan and Hokkaido (b) Techniques for preventing water and air pollution (c) Environmental Impact Assessment(EIA) (d) Solid waste management and recycling (e) Environmental education (2) Practical exercises: (a) Techniques of environmental monitoring(air & water) (b) Environmental pollution source (c) On-site inspection (3) Observation: (a) Organizations and facilities related to pollution control (b) Factories (possible sources of pollution) (4) Others: Presentation on the Country Report and the Action Plan		IMPLEMENTING PARTNER	Hokkaido Institute of Environmental Sciences
		JICA CENTER	Sapporo International Center
		COOPERATION PERIOD	2005~2009
		REMARKS	This program is NOT for technical officers/researchers in charge of natural conservation(including park management, preservation of wild life and forests)
Automotive Technology for Environmental Protection 環境保全のための自動車技術		Environmental Management—Environmental Administration Transportation—Urban Transportation 12 participants / English	
OBJECTIVE		TARGET ORGANIZATIONS / GROUP	
By sharing the outputs of this training course among organizations, knowledge for making environmental protection policies will be used more widely. To reach the objective, participants are expected to achieve the following: 1) identify environmental problems caused by automobiles in their countries through collecting their own data related to environmental issues 2) acquire skills of predicting effects on introducing the regulations* and institutionalizing the countermeasures (e.g. control of exhaust gases) 3) grasp the current international situation in the field of automobiles, through understanding international standards related to automobiles 4) understand the relationship between making regulations and developing technologies to deal with the issues 5) make an action plan (proposal) to be implemented in their country after returning home		[Target Organizations] National or local organizations in charge of environmental issues concerning automobiles [Target Group] Administrative or technical officials of the above organizations with at least 5 years of experience	
CONTENTS		PROGRAM PERIOD	Jun.21. 2007 ~ Aug.11. 2007
Preparatory phase: Making a job report describing present situation, issues, etc. Program in Japan: 1. Presentation of Job report 2. Lectures and exercise 1) Outline of the automotive industry, Governmental policy 2) Environmental issues: emission, fuels, clean energy, traffic flows 3) Traffic flows, vehicle recycling technology, registration 4) Atmospheric observation system 3. Project cycle management 4. Action plan (1) The action plan should be shared among their organization. (2) The results of discussions about the action plan are to be reported to JICA/JARI.		IMPLEMENTING PARTNER	JAPAN AUTOMOBILE RESEARCH INSTITUTE (JARI)
		JICA CENTER	Tsukuba International Center
		COOPERATION PERIOD	2005~2009
		REMARKS	http://www.jari.or.jp/en/index.html

Environmental Policy and Environmental Management System 環境政策・環境マネジメントシステム		▼ 0780992
		Environmental Management—Environmental Administration
		10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This course is designed for participants of central and local government officials to enhance their skills and abilities in environmental policy formulation and implementation through the followings outputs:</p> <p>(1) understand the scale of environmental problems and acquire knowledge of the way how to solve the problems (2) foster their capability in the formulation of comprehensive environmental management plans (3) understand the importance of corporate involvement in environmental protection, which means that companies and related organizations can draw up measures for environmental protection</p>	<p>(1) Middle-ranking officials in charge of project planning in the field of environment (2) Individuals with more than 10 years of experience (3) Between 35 and 45 years of age (4) University graduates</p>	
CONTENTS	PROGRAM PERIOD	May.7.2007 ~ Jun.30.2007
<p>In this program, the following major subjects will be covered through lectures, discussions and observation trips:</p> <p>(1) Countermeasure to environmental problem and its history (2) Environmental law system in Japan (3) Establishment of environmental standard and discharge standard (4) Monitoring of generation sources (5) Establishment of environmental management plan and regional pollution prevention plan (6) Environmental assessment (7) Sustainable development (8) Preservation of global environment</p>	IMPLEMENTING PARTNER	GLOBAL ENVIRONMENT CENTRE FOUNDATION
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	Through a 6 day programme, participants will get 50% points to get the international authorized environmental audit personnel including UNEP personnel.

Acid Deposition Monitoring Network in East Asia 東アジア酸性雨モニタリングネットワーク技術		▼ 0784078
		Environmental Management—Air Pollution/Acid Rain
Target Countries : East Asia, South East Asia		10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This course is designated as a part of the training activities for "Acid Deposition Monitoring Network in East Asia" (EANET) and is aimed at training of mid-level technical officials or researchers working in sampling, chemical analysis, data processing, quality assurance, data evaluation and other relevant activities under EANET.</p>	<p>1. University graduates or equivalent 2. Technical officials or researchers who are working for EANET or expected to work for EANET with experience of more than 3 years and less than 10 years in the field of environmental management.</p>	
CONTENTS	PROGRAM PERIOD	Oct.8.2007 ~ Dec.15.2007
<p>1. General view of air pollution and global environmental issues 2. Mechanism of air pollution and acid deposition 3. Effects of acid deposition 4. Monitoring wet and dry deposition 5. Monitoring inland aquatic environment 6. Monitoring soil and vegetation 7. Air pollution monitoring and information system 8. Control technology of acid deposition</p>	IMPLEMENTING PARTNER	Hyogo Environmental Advancement Association, Acid Deposition and Oxidant Research Center (ADORC)
	JICA CENTER	Hyogo International Center
	COOPERATION PERIOD	2004~2007
	REMARKS	

Air Pollution Source Monitoring Management for Asian Countries アジア地域大気汚染源モニタリング管理		0784112
Target Countries : Asia		6 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
This course is designed to develop capacity in environmental management promoting comprehensive air pollution control, and to upgrade the technical knowledge of air pollution source monitoring, for officials who are currently engaged in air pollution control in local and central governments.	1) Technical officials directly engaged in air pollution control administration at local or central government, and having more than 3 years of experience in the field 2) University graduates in engineering, environmental studies or science, or equivalent 3) Age: 45 years old or younger	
CONTENTS	PROGRAM PERIOD	Sep.10.2007 ~ Dec.14.2007
1) Global environmental issues 2) Health effects of air pollutants 3) Environmental engineering & cleaner production 4) Dust collection technology 5) DeSOx & DeNOx technology 6) History of air pollution control 7) Air pollution control law & regulation 8) Spot inspection system in plants 9) Regulation and inspection system of automobile exhaust gas 10) Environmental education 11) Ambient air quality monitoring 12) Sampling & analysis methods 13) Measurement of dust, SOx, NOx 14) Measurement of toxic substances 15) Measurement of automobile exhaust gas	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2005~2007
	REMARKS	

Environmental Protection Technology and Management against Air Pollution 日韓共同 大気環境保全管理		0784138
Target Countries : Asia		15 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
This joint training program is designed to provide strategies and technologies for solving air pollution problems in developing countries.	1) Individuals with more than 5 years experience of administrative or research work in the area of air quality management 2) Administrative engineers and researchers in the field of air quality management 3) Age: 30-50 years old	
CONTENTS	PROGRAM PERIOD	Sep.2.2007 ~ Sep.15.2007
Korea: 1) Global environmental issues 2) Indoor air pollution 3) Toxic organic and inorganic chemicals in atmosphere (POPs) 4) VOC control technology 5) Introduction of Research Institute of Public Health and Environment 6) Air quality policy in Korea Japan: 1) Observation of ambient air quality monitoring center 2) History and current state of air pollution control in Japan 3) Administrative measures for air pollution control 4) Administrative regulation of automobile exhaust gas 5) The way for promoting comprehensive air pollution control 6) Dust collection technology 7) Removal techniques of sulfur and nitrogen oxides	IMPLEMENTING PARTNER	Korea: Korea Institute of Science and Technology Japan: Kitakyushu International Techno-cooperative Association
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2005~2007
	REMARKS	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The purpose of this program is to contribute to the improvement of the air pollution control policy in the participating countries from technical and socioeconomic viewpoints. It is intended to share the Japanese specific experience on air pollution control policy with the participants and enhance frank discussions among them.</p> <p>Participants are expected to achieve the following results, i.e. to be able to make an air pollution countermeasure plan by taking leadership in the relevant fields at the national or the local governments through such items as:</p> <ol style="list-style-type: none"> 1. To understand the whole system of air quality management, 2. To understand the technical aspects of air pollution countermeasures (stationary and mobile source), and air quality monitoring methods, 3. To exchange opinions of the current status of air quality and countermeasures in each country, and 4. To make an action plan for solutions of air pollution control problems. 	<p>Technical officials directly responsible for air pollution control administration, especially in a position to participate in the planning and deciding at either central or local governmental organizations with more than 3 years of experience</p>	
CONTENTS	PROGRAM PERIOD	Jan.15.2008 ~ Mar.1.2008
<ol style="list-style-type: none"> 1. ① Outline of air pollution issues, ② History of Japan's countermeasures against air pollution, ③ Air pollution control administration, ④ Countermeasures against stationary sources, ⑤ Environmental quality standard and health effects, ⑥ Countermeasures against hazardous air pollutants, ⑦ Countermeasures against dioxin ⑧ VOC countermeasures ⑨ Air pollution control administration by local governments, ⑩ Offensive odor control, etc. 2. ① Diffusion of pollutants in the atmosphere, ② Photochemical air pollution, ③ Air pollution control technology and energy issues, ④ Air pollution control technology and energy issue, ⑤ Global atmospheric environmental problem, ⑥ techniques for the measurement of air pollution and sampling, ⑦ Malodor measuring methodology, ⑧ Environmental impact assessment and information processing, ⑨ Analysis technology, present situation 3. Country report presentation and discussion, 4. Preparation and presentation of an action plan 	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This seminar was designed to provide participants with legislative, technical and scientific information concerning the ozone depleting substances (ODS) that will enable them to implement substantial measures pursuant to the international framework, “Vienna Convention for the Protection of the Ozone Layer” and “Montreal Protocol on Substances that Deplete the Ozone Layer” .</p>	<p>(1) Senior-class administrative officers within the machinery of the government who are in charge of ozone layer protection or in those of the equivalent post, * (2) Between 25-45 years old, (3) University graduates or with equivalent qualifications in this field, (4) Individuals with a sufficient command of spoken and written English, * Researchers are NOT the target of this seminar.</p>	
CONTENTS	PROGRAM PERIOD	Jan.22.2008 ~ Feb.23.2008
<p>The curriculum consists of the following three parts. (1) Lectures (a) An overview of ozone layer science (b) Environmental impact of increased UV-B radiation (c) Outline of the Vienna Convention and the Montreal Protocol, and legislative and institutional arrangements in Japan (d) Overview of technologies to reduce ozone layer depleting substances (e) State of development on alternative technologies to reduce the consumption of ozone layer depleting substances (f) Monitoring of the ozone layer (2) Field visit (3) Presentation and discussions (a) Presentation of Country Reports (b) Group discussions on the promotion of ozone layer protection in the participating countries</p>	IMPLEMENTING PARTNER	Manufacturing Industries Bureau, METI
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	Preferable national machinery for each country to be stated in the G.I.

Air Pollution Control 大気汚染対策		0780854
		Environmental Management—Air Pollution/Acid Rain
		8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The purpose of this program is for participants of administrative engineers to implement systematic and comprehensive air pollution control measures through the following outputs;</p> <ol style="list-style-type: none"> 1. Fundamental knowledge of legislative systems and of the relation between industrial development and pollution with reference to Japanese cases, 2. Measurement techniques for gaseous substances and particle substances related to air pollution, 3. Emission source control techniques for polluting substances such as sulfur oxides, nitrogen oxides, soot and dust, 4. Application techniques for dispersion models required to prepare air pollution prevention plans, and 5. Management techniques for environmental control such as comprehensive and strategic enforcement of anti-pollution plans. 	<ol style="list-style-type: none"> 1) University graduates or equivalent 2) Administrative engineers with at least 5 years experience in the field of air pollution prevention. 3) Age: between 25-45 years old 	
CONTENTS	PROGRAM PERIOD	Aug.21.2007 ~ Nov.25.2007
<ol style="list-style-type: none"> 1. Overview of Environmental Problems: Air Pollution 2. Overview of Environmental Conservation Measures 3. Environmental Conservation: Efforts in industry 4. Planning of Air Pollution Control 5. Laws and Regulations 6. Dust: Measurement and Control 7. Fuel and Combustion 8. Desulfurization and Denitrification Techniques 9. Odor Pollution Control 10. Measurement of NOx and SOx 11. Stack Gas Diffusion 12. Atmospheric Diffusion 13. Data Processing for Air Pollution 14. Continuous Monitoring System 15. Hazardous Substance 16. Acid Rain 17. Automobile Pollution Control 18. Environmental Impact Assessment 19. Case Study 	IMPLEMENTING PARTNER	GLOBAL ENVIRONMENT CENTRE FOUNDATION
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	A session is organized to discuss environmental problems caused by air pollution and countermeasures, using materials such as datas and photos which each participants will bring.

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This Course has been implemented for past 3 years to contribute to the enhancement of reliance on water analysis in Central Asia, and to the establishment and the effective implementation of environmental conservation policies relevant to the current environmental situation, through lectures and practices to analysts who engaged in water analysis in those countries. For the FY 2007, this course aims at capacity building for providing solutions of common issues in Central Asia.</p>	<p><Organization> Governmental environmental laboratory (or monitoring centers) in charge of water quality analysis</p> <p><Group> Analysts and/or Officials in charge of environmental monitoring (under planning)</p>	
CONTENTS	PROGRAM PERIOD	Nov.2007 ~ Dec.2007
<p>【Preliminary Program】 Creation of Country/ Job Report</p>	IMPLEMENTING PARTNER	International Center for Environmental Technology Transfer (ICETT)
<p>【Program in Japan】 <Under planning></p>	JICA CENTER	Chubu International Center
	COOPERATION PERIOD	2004~2008
	REMARKS	

Restoration of Freshwater Environment by Eco-sound Technology 淡水環境修復（日韓共同研修）		0784137	
Target Countries : Asia		Environmental Management—Water Pollution	
		11 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
The "Restoration of Freshwater Environment by Eco-sound Technology" is designed for government officials and researchers to provide the results of the "Development of Water Quality Renovation System" project, which consists of technology and administrative/legislative systems. The training course is aimed to 1) nurture human resources who will perform a leading role in the field of restoration of fresh water environment; and 2) facilitate information network for the water environment management and promoting the international environmental cooperation.	1) Individuals with more than 5 years experience of administrative or research work in the area of freshwater environment 2) Administrative officials and researchers at the level of section director of the governmental organizations 3) Age: 30-50 years old		
CONTENTS	PROGRAM PERIOD	Sep.26.2007 ~ Oct.13.2007	
(Before arrival in Japan) Preparation of Job Report	IMPLEMENTING PARTNER	Japan: National Institute for Environmental Studies Korea: Korea Institute of Science and Technology	
(Training in Japan) 1. Presentation of Job Report 2. Lectures and Observations	JICA CENTER	Tsukuba International Center	
1) Water environment policies and administration 2) Eco-sound technologies for the restoration of freshwater 3) Monitoring system for water environment	COOPERATION PERIOD	2005~2007	
	REMARKS		

Sewage treatment technique for Central and South America 中南米地域生活排水処理		0784018	
Target Countries : Central and South America		Environmental Management—Water Pollution	
		12 participants / Spanish	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
The purpose of this program is to enhance participants' capacities to improve the present situation of sewage treatment in respective countries by acquiring the fundamental knowledge and techniques for sewage treatment through learning the experiences of Japan and other countries.	【Target Organizations】 Department in charge of planning, operation and maintenance of sewage treatment facilities in central/local government or concerned organizations 【Target Group】 Technical officials who meet the following qualifications; (1) Individuals in charge of planning, operation and maintenance of sewage treatment facilities in central/local government or concerned organizations (2) Individuals with a university degree in the field of science and basic knowledge about sewage treatment		
CONTENTS	PROGRAM PERIOD	Sep.18.2007~Nov.16.2007	
This course consists of lectures, discussions, practical exercises, and site observation. <ul style="list-style-type: none"> · Water Environmental Issues and Sewage Treatment · General Theory of Sewage Treatment Technique · Current Situations and Issues of Sewage Treatment in Developing Countries · Capacity Development on Sewage Treatment · Site Observation of Sewage Treatment Facilities, etc. 	IMPLEMENTING PARTNER	Under planning	
	JICA CENTER	Chugoku International Center	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This course is designed for participatory countries to recognize the negative impacts of hazardous substances on environments and human bodies, and propose effective measures to reduce or prevent the environmental disruption or deterioration of environment caused by these substances. This outputs will be achieved through the following outputs;</p> <p>(1)Recognize potential or tangible deep risks to the environment, soil or lives caused by hazardous chemical substances.</p> <p>(2)Moreover, to study past experience of environmental problems caused by heavy metals such as chromium, organic mercury, and cadmium, or asbestos and dioxin as hazardous chemical substances.</p> <p>(3)Furthermore, participants shall study how to reduce hazardous substances into the environment, or learn the outline of cleaner production systems and practical techniques.</p>	<p>【Target Organizations】 Some ministries related to heavy industries, or basic industries integrated on petrochemistry, chemistry, mining,medicine, leather, metal finishing etc.</p> <p>【Target Group】 Technologists on the administrative level ・ Individuals with more than 5 years vocational experiences in charge of hazardous chemical substances treatment (in enterprises, public organizations, etc.) ・ Individuals with official requests, majoring in chemistry, between 30 and 40 years old</p>	
CONTENTS	PROGRAM PERIOD	Jan. 2008 ~ Mar. 2008
<p>① Cause and effect of chemical related pollution (Japanese experience)</p> <p>② Environmental protection measures and technologies in chemical industries</p> <p>③ Laws and regulations for environmental management</p> <p>④ Pollution prevention technologies</p> <p>⑤ Cleaner production technologies</p> <p>⑥ Life cycle management</p> <p>⑦ Overview of pollution due to hazardous substances</p> <p>⑧ Environmental measures by local governments</p> <p>⑨ Environmental monitoring</p> <p>⑩ Circulation of underground water</p> <p>⑪ Report presentation and evaluation</p>	IMPLEMENTING PARTNER	Global Environment Center Foundation
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Domestic Waste Water Treatment Techniques 生活排水対策		▼ 0780006
Environmental Management —Water Pollution		
9 participants / English		
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
The objective of this program is to make feasible action plans to solve or improve wastewater problems for which the participant is responsible through learning about Japanese wastewater treatment techniques and policies. To reach the objective, participants are expected to achieve the following: (1) To cultivate the practical ability to reflect knowledge in policies by understanding the Japanese administrative framework for domestic wastewater management (2) To develop the ability to assess applicable techniques through understanding wastewater treatment techniques including sewage/drainage treatment, septic tank management, and human waste treatment (3) To understand the method of measuring environmental pollutants and the significance of pollution control (4) To understand the relation between environmental pollution mechanisms, hydrologic circulation and water supply	[Target Organizations] Central/local government [Target Group] Technical administrators in the field of domestic wastewater treatment in central or local governments	
CONTENTS	PROGRAM PERIOD	Aug.28.2007 ~ Dec.8.2007
All topics consist of lectures, practice, and exercises (1) Introduction to municipal administration (2) Introduction to water quality preservation (3) Wastewater treatment technique (4) Low-cost septic tank technology (5) Septic tank maintenance (6) Project cycle management (7) Water quality assessment (8) Low-cost wastewater treatment system (9) Administration for water quality preservation (10) Planning/designing exercise for wastewater administration (11) Construction/maintenance of sewerage system (12) Participation in volunteer activity for river cleaning (13) Treatment technique for human waste (14) Monitoring method for water pollution (15) Recycling technology of polluted mud (16) Advanced wastewater treatment technique (17) Technique for removing nitrogen and phosphorus (18) Introduction to deodorization equipment (19) Leachate treatment technique (20) Monitoring method for toxic chemicals	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	1) A problem analysis sheet is used to help identify the participants' problems in their countries. 2) The curriculum focuses on low-cost domestic wastewater treatment methods such as septic tanks.

Environmental Administration with Community Participation 住民との協働による環境都市づくり		▼ 0780007
Environmental Management —Water Pollution		
10 participants / English		
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
This program is designed to enable participants to improve their abilities to prevent environmental pollution in countries undergoing rapid industrialization through lessons learned from Minamata's experience, and to utilize know-how of mobilizing local communities in the environmental conservation policies of participants' countries. Through this program, participants are expected to: (1) Understand how gravely environmental pollution affects communities and the health of local residents and what efforts are needed to overcome such destruction (2) Grasp the know-how of 'Construction of a Model Environmental City' based on collaboration between the municipality and citizens that improves citizens' awareness of the environment (3) Understand the economic advantages of environment-friendly approaches by municipalities, companies, etc. (4) Foster the ability to make policies, educational programs or awareness programs for environmental conservation and prevention of industrial pollution, according to the situation of each country. The Action Plan Report, which participants prepare at the end of the training, must be based on at least one of the above objectives.	(1) Program officers at central or local government engaged in environmental policy-making (2) NGO personnel working on environmental conservation * Participants are expected to have experience or a strong interest in formulating and implementing projects based on community participation	
CONTENTS	PROGRAM PERIOD	Oct.1.2007 ~ Nov.17.2007
The program consists of lectures, practical exercises, discussions, observation and communication with local residents, covering the following themes: (1) Causes of "Minamata Disease" and its mechanism (2) Physical and mental injury by Minamata Disease and its deleterious effects on local communities (3) Environmental policies and administration of the nation, prefecture and Minamata City (4) Efforts made by Minamata City government and local residents toward environmental conservation (classification of wastes, activities relating to ISO14001) (5) Communication with patients of Minamata Disease, their families and citizens (6) Plant visits and study trip	IMPLEMENTING PARTNER	MINAMATA CITY GOVERNMENT
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	Participation of countries which face the hazard of environmental pollutions is preferable. At least 2 candidates are required per country.

Effective Use of Industrial Water and Re-use of Waste Water 工業用水使用合理化及び廃水再生利用		0780074
		Environmental Management—Water Pollution Water Resources / Disaster Management—Urban Water Supply 7 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This program aims to contribute to improving or developing rules and regulations which are to promote the effective use of industrial water and re-use of wastewater, such as technical assistance. Through the program, participants consider practical solutions to improve their performance.</p> <p>The participants are expected to acquire knowledge on: (1) Considering roles, meanings and systems of administration in the fields of industrial wastewater treatment and reuse, based on the experience of Japan (2) Understanding points and sense of cost for introducing and operating treatment facilities in various in each industry. (3) Formulating an Action Plan for contributing the effective water use</p>	<p>[Target Organizations] Public organization engaged in administration for promotion of effective industrial water use and wastewater treatment technology</p> <p>[Target Group] 1) Officials or engineers with 5 years of practical experience in above mentioned organizations 2) University graduates from the faculty of engineering</p>	
CONTENTS	PROGRAM PERIOD	Jul.1.2007 ~ Aug.4.2007
<p>(1) Administration on the effective use of industrial water and re-use of wastewater in Japan - policy, experience, related regulations - roles of public/private organizations</p> <p>(2) Examples of water re-use or the effective use in each industry - technologies of wastewater treatment for re-use (food processing, dyeing fiber, metal-plating, etc.)</p> <p>(3) Action plan - formulation and presentation of an Action Plan</p>	IMPLEMENTING PARTNER	WATER RE-USE PROMOTION CENTER JAPAN
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	1989~2007
	REMARKS	

Operation & Maintenance of Sewerage Facilities 下水道維持管理		0780762
		Environmental Management—Water Pollution 6 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Capabilities for implementing and managing sewerage works will be enhanced. To reach the objective, the following are expected: 1) To reconfirm basic knowledge* of sewer systems and wastewater treatment. 2) To acquire knowledge* necessary for planning and designing of sewerage systems (sewer network, wastewater treatment plants). 3) To acquire knowledge* necessary for maintaining sewerage systems (sewer network, wastewater treatment plants). 4) To acquire knowledge* necessary for industrial wastewater treatment and pretreatment facilities for discharge to sewerage systems 5) To propose sewerage systems improvement plans in respective countries, with a clear understanding of relevant experiences and knowledge acquired in the course. * The knowledge of wastewater treatment obtained through this course is mainly on Conventional Activated Sludge Process.</p>	<p>【Target Group】 (1) Persons nominated by each government in accordance with the proper procedures (2) University graduates or those who have equivalent technical qualifications in operation and maintenance of sewerage facilities, and have more than 5 years of practical experience (3) Senior technical officers in charge of sewerage management in central or provincial government or in local bodies (4) Proficient in spoken and written English (5) Under 40 years of age (6) In good health, both physically and mentally, to undergo the training * The age requirement may be relaxed according to the training needs of their countries.</p>	
CONTENTS	PROGRAM PERIOD	Sep.11.2007 ~ Nov.10.2007
<p><Preparatory phase> Prepare a Country Report which describes the present situation of, as well as the direction of and problems related to, the sewerage system in respective countries, and what are the expectations of this training course</p> <p><Curriculum in Japan> Lectures: Overview of the sewerage system, Design & maintenance of the sewer network, Design & maintenance of the sewage treatment facilities, Resource utilization, Regulation of industrial wastewater, Administration related to sewerage Practical Training Field trip: Discussion: Presentation: Country report presentation, Action plan presentation</p>	IMPLEMENTING PARTNER	Construction Bureau, City of Sapporo
	JICA CENTER	Sapporo International Center
	COOPERATION PERIOD	2003~2007
	REMARKS	

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This purpose of this program is to improve water environment and reduce flooding damage in respective countries by appropriate planning, implementation and management for sewage works and stormwater drainage. Through the program, learning comprehensive knowledge related to sewage works and stormwater drainage, analyzing and considering of issues on the subject by referring knowledge gained through the program, and developing Action Plan describing solution for issues on the subject such as implementation plan, suggestions for improvement, etc.</p> <p>Through the program, participants are expected:</p> <p>(1) To acquire a basic knowledge of sewerage, sewage purification, and stormwater drainage, (2) To understand the process and methods for planning and designing of sewers, pumping stations, and sewage and sludge treatment facilities, (3) To understand basic factors and planning methods regarding stormwater drainage, (4) To obtain knowledge and information on water environmental protection measures besides sewerage system, and (5) To consider the proper way to protect water environment, mitigate flood disasters and promote sewage works and stormwater drainage systems in each country by deepening the understanding of sewerage system management as well as acquiring knowledge regarding the above mentioned items.</p>	<p>【Target Countries/ Organizations】 Central or local governments, autonomies, public wastewater utilities</p> <p>【Target Group】 Senior technical officers in charge of sewage works</p>	
CONTENTS	PROGRAM PERIOD	Sep.18.2007 ~ Dec.15.2007
<p>Preparatory phase: Country Report describing the status and issues of sewage, stormwater drainage technology, water environment, and laws in addition to present jobs activities. Besides, Case study theme specifying issues which participants work on through the program, on sewage services and water environment protection etc., are included.</p> <p>Program in Japan: Participants develop a Final Report describing actions to solve the case study, which is set by participants by considering concrete solution based on the knowledge and information gained from the program, after they distill and reprioritize their issues by referring Japanese case on sewage works, stormwater drainage and water environment. The main subjects are the following: (1) Basic knowledge on sewage works and stormwater drainage such as long-term plan, law, finance etc. (2) Planning, Design and Maintenance of sewerage system facilities (3) Urban stormwater drainage system (4) Environmental protection measures (5) Management of sewerage services</p> <p>Post-program activities: After the participants' return, (1) The Second Report is formulated based on the Final Report, after being reviewed and authorized in their organizations. (2) The Second Report at the time of 3 months after return.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Sewage Business Management Center</p>
	<p>JICA CENTER</p>	<p>Tokyo International Center</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
	<p>REMARKS</p>	<p>Part of the program is conducted in 2 group simultaneously: (1) sewage works group and (2) stormwater drainage group.</p>

Industrial Wastewater Treatment Techniques 産業廃水処理技術		0780815 Environmental Management—Water Pollution Environmental Management—Industrial Solid Wastes 8 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The objective of the program is to enhance the capability of managers and engineers in charge of pollution control, especially in the field of industrial wastewater. Participants are expected to achieve the following:</p> <p>1) To understand the importance of wastewater treatment and the water-pollution related existing regulations included disposal treatment</p> <p>2) To understand the water pollution control process, and the general concept of wastewater treatment technologies</p> <p>3) To acquire the method of selecting wastewater treatment by analysis, and the basic design of wastewater treatment facilities</p> <p>4) To understand the techniques concerning the detail design and manufacturing control of the facilities for precipitation filtration, neutralization, removal of oil contents, etc.</p> <p>5) To acquire the method of analyzing wastewater through practice, and to understand the methods of operation and maintenance of wastewater treatment facilities</p>	<p>[Target Organizations] Departments related to wastewater treatment in the central/local government or manufacturing enterprise.</p> <p>[Target Group] (1) Engineers in charge of wastewater treatment in government or manufacturing industries with at least 5 years of experience (2) University graduate majoring in chemical, mechanical, electrical or civil engineering, and preferably under 45 years old</p>		
CONTENTS	PROGRAM PERIOD	Jul.16.2007 ~ Nov.22.2007	
<p>(1) Basics of water pollution control: History and measures of water pollution prevention, global environment and environmental assessment, etc</p> <p>(2) Basic theory of wastewater treatment: Pollution control processes, outline and development of wastewater treatment techniques</p> <p>(3) Basics of wastewater treatment plant: Investigation of wastewater and data analysis, selection of treatment method and mass balance, details of wastewater treatment and model test</p> <p>(4) Design and construction of wastewater treatment facilities: Detail design of equipment, structures and layout, construction plan and schedule management, planning of wastewater treatment facilities, automatic control practice, application of CAD practice</p> <p>(5) Operation and maintenance of wastewater treatment facilities: Wastewater analysis practice, iron-making equipment and measures against water, pollution, work improvement technique, maintenance of wastewater treatment facilities, introduction to maintenance management, cleaner production</p>	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION	
	JICA CENTER	Kyushu International Center	
	COOPERATION PERIOD	2003~2007	
	REMARKS	This program does not cover domestic wastewater from houses/offices.(For domestic wastewater, please see the program "Domestic Wastewater Treatment Techniques" (0780006).)	
Water Environmental Monitoring 水環境モニタリング		0780962 Environmental Management—Water Pollution 10 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>In the most developing countries, water pollution has been intensifying year by year reflecting the growth of their economic activity and rapid urbanization. In order to tackle the water pollution, it is essential to evaluate the status of water quality by carrying out monitoring. Environmental monitoring requires both of technical knowledge on cause and effect of water pollution and analytical techniques. This program aims to provide necessary information and skills on the water quality monitoring for practical use. To reach the objective, participants are expected to achieve the following results:</p> <p>(1) Mechanism of water pollution and its effects/ (2) Activities of water quality conservation in the relational organizations/ (3) Role of monitoring works/ (4) Practical skills on monitoring and data processing, (5) By acquired knowledge of 1-4, participants are requested to formulate an action plan</p>	<p>(1) Individuals engaged in water quality monitoring in central or local governmental laboratories. (2) University graduates (chemistry or engineering) or with equivalent academic backgrounds.</p>		
CONTENTS	PROGRAM PERIOD	Sep.17.2007 ~ Nov.10.2007	
<p>(1) Mechanism of water pollution and its effects on our life: a) History of water pollution in Japan, b) Behavior and fate of pollutants in water system, c) Adverse effects of water pollution on ecosystems, society and economy</p> <p>(2) Water pollution management system: a) Regulative and administrative works of government organizations, b) Importance of monitoring work, and tasks of environmental analysis work, roles of environmental analysis</p> <p>(3) Methodology of water quality monitoring: 1) Development and management of monitoring system, 2) Laboratory practice on water analysis for pollutants in rivers, ponds and lake waters; a) total organic carbon by using a total organic carbon analyzer (TOC), b) heavy metals by using an atomic absorption spectrometer (AAS), c) agricultural chemicals by using a gas chromatography with electron capture detector (GC/ECD) and high performance liquid chromatography (HPLC), and 3) Data interpretation</p>	IMPLEMENTING PARTNER	Nat'l Env. Research & Training Inst. Min. of the Env	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Cooperative Association:Japan Society on Water Environment	

Integrated Basin Management for Lake Environment 湖沼環境保全のための統合的流域管理		0780988 Environmental Management—Water Pollution Nature Conservation—Conservation of Biodiversity 10 participants / English									
OBJECTIVE	TARGET ORGANIZATIONS / GROUP										
<p>Through the training course, participants are expected to gain the following outputs in order to manage the lakes (natural and artificial) and their basins appropriately for sustainable use of resources.</p> <p>1. To study local, regional, national and international programs for integrated basin management for lake and reservoir environments with particular reference to development and implementation of legal, administrative and institutional policy tools.</p> <p>2. To gain experience in field study, monitoring and techniques for analyzing and assessing lake and reservoir environment management.</p> <p>3. To acquire skills for developing sound programs of lake and reservoir management by properly integrating the components of the governance framework involving institutions, policies, stakeholder participation, technological investments, information, financing and other considerations.</p>	<p>1. University graduates or equivalent.</p> <p>2. Either technical officers in charge of lake/wetland water management (including management of rivers flowing into such water bodies) who are expected to assume executive administrative posts in that field, or researchers in water quality and ecosystem management who are expected to take leading roles in guiding the lake/wetland management programmes in their country.</p> <p>3. Individuals with more than five (5) years' occupational experience in the field.</p> <p>4. Individuals of between twenty-five (25) and forty (40) years of age.</p>										
CONTENTS	<table border="1"> <tr> <td>PROGRAM PERIOD</td> <td>Jan.3.2008 ~ Mar.17.2008</td> </tr> <tr> <td>IMPLEMENTING PARTNER</td> <td>INT'L LAKE ENVIRONMENT COMMITTEE FOUNDATION</td> </tr> <tr> <td>JICA CENTER</td> <td>Osaka International Center</td> </tr> <tr> <td>COOPERATION PERIOD</td> <td>2005~2009</td> </tr> <tr> <td>REMARKS</td> <td>ILEC Homepage: http://www.ilec.or.jp/ Required to bring each country report contained on CD-ROM.</td> </tr> </table>	PROGRAM PERIOD	Jan.3.2008 ~ Mar.17.2008	IMPLEMENTING PARTNER	INT'L LAKE ENVIRONMENT COMMITTEE FOUNDATION	JICA CENTER	Osaka International Center	COOPERATION PERIOD	2005~2009	REMARKS	ILEC Homepage: http://www.ilec.or.jp/ Required to bring each country report contained on CD-ROM.
PROGRAM PERIOD	Jan.3.2008 ~ Mar.17.2008										
IMPLEMENTING PARTNER	INT'L LAKE ENVIRONMENT COMMITTEE FOUNDATION										
JICA CENTER	Osaka International Center										
COOPERATION PERIOD	2005~2009										
REMARKS	ILEC Homepage: http://www.ilec.or.jp/ Required to bring each country report contained on CD-ROM.										
<p>1. Orientation Lecture and Practice Opening Lecture, Preliminary Lake Basin Report Presentation, Evaluation Meeting, Final Report (Action Plan) Presentation, and so on.</p> <p>2. Stage 1. Understanding the Resource Topic 1. Share Information about the State of Lakes Topic 2. Biophysical Characteristics Topic 3. Human Use of Lakes</p> <p>3. Stage 2. Meeting the Governance Challenge Topic 4. Institution Topic 5. Incentives and Regulations Topic 6. Involving People Topic 7. Technological Response Topic 8. Information Topic 9. Finance</p> <p>4. Stage 3. Synthesis (TBD) Topic 10. Plan to Action Topic 11. Towards the Future</p> <p>5. Other</p>											

OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The objective is to increase the understanding of participants on the environmental management of enclosed coastal seas, thus enabling them to make an action plan to find a solution to environmental problems for the sustainable development of coastal seas in respective participants' countries.</p> <p>To reach the objective, participants are expected to achieve the following: (1) Understand the present environmental condition of enclosed coastal seas in Japan and environmental pollution mechanism of enclosed coastal seas, (2) Understand the methods for the environmental conservation of enclosed coastal seas, and (3) Understand the legal systems and policies for the sustainable development and environmental management of enclosed coastal seas.</p>	<p>Officers, educators, and engineers in administrative bodies who presently need information and/or experience on the environmental management of enclosed coastal seas</p>	
CONTENTS	PROGRAM PERIOD	Aug.13.2007 ~ Oct.27.2007
<p>Preparatory Phase: Preparation of Job Report on environmental problems of enclosed coastal seas in participant's country.</p> <p>Program in Japan: (1) Overview of the management of enclosed coastal seas (2) Mechanisms of Environmental Pollution in Enclosed Coastal Seas (3) Environmental Management and Policies for Sustainable Development of Enclosed Coastal Seas (4) Methods of monitoring Enclosed Coastal Seas (5) Extension Program</p> <p>Post-program activities: Implementation of Action Plan Participants have to submit a report on their training and the "Action Plan" regarding the environmental management of enclosed coastal seas to their affiliations, and are requested to report the progress of the "Action Plan" to related organizations including JICA Hyogo International Center and International EMECS Center.</p>	IMPLEMENTING PARTNER	INTERNATIONAL EMECS CENTER
	JICA CENTER	Hyogo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	

Construction and Designing of Sound Material Cycle Society for Asian Countries アジア地域循環型社会の構築 Target Countries : Asia		 0784006 Environmental Management—Urban Solid Wastes 12 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The purpose of the training course is to propose a policy for constructing sound material cycle society for each country through understanding the current conditions in Japan. For this purpose, we set up the following 5 objectives:</p> <p>(1) To understand the concept of 3R (Reuse, Reduce, Recycle) and sound material cycle society (2) To understand how to reduce garbage (3) To understand how to recycle and collect the materials, (4) To understand the roll of stakeholders (central / local governments, private sector, residents, etc.) (5) To understand legislative and administrative measures for constructing the sound material cycle society.</p>	<p>【Target Organizations】 Central/Local governments or relevant agencies engaged in 3R (Reuse, Reduce, Recycle)</p> <p>【Target Group】 1) Belonging to an organization specified by G.I. 2) Willing to work for current organization in the future (at least five years) 3) More than 3 years experience in the field of environmental management or relevant fields 4) A section chief or equivalent positioned personnel in the organization mentioned above 5) Aged 25 to 50 years old</p>	
CONTENTS	PROGRAM PERIOD	Mar.2.2008 ~ Mar.29.2008
<p>【Lecture】 1) Introduction to legal system for sound material cycle 2) Administrative framework for environmental education 3) Introduction to administration about domestic waste 4) Administrative framework to promote recycling industry 5) Introduction to cleaner production 6) National policy about sound material cycle 7) Administrative framework for hazardous waste 8) Current state in recycle business 9) Data collection and analysis for material cycle flow 【Field visit】 1) Separate collection in offices/houses 2) Visit to recycle factory 3) Environmental education in schools / local community 4) Compost activity for cooking garbage by citizen groups 5) Visit to landfill site</p>	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2006~2008
	REMARKS	Expected number of participants per country: 3


Solid Waste Management for Southwest Asia - Discussion for Realizing the Improvement Measures - 南西アジア地域廃棄物管理—具体的改善策の策定に向けて— Target Countries : South-East Asia		0784224 Environmental Management—Urban Solid Wastes 12 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Participants will acquire the knowledge and techniques to realize improvement measures for the solid waste management of respective countries.</p> <p>To reach the objectives, participants are expected to acquire the following knowledge and techniques :</p> <p>(1) Outline of environment / Administration / Organization / Finance and Economy / Law and legislation / Feasibility (2) Collection and conveyance (3) Treatment ("semi-aerobic" system landfilling) (4) 3R (Reduce, Reuse, Recycle), composting (5) Public awareness and participation</p> <p>* This training course aims to realize the improvement measures by discussions, presentations and exchange of information or present conditions and efforts already conducted in respective countries.</p>	<p>【Target Organization】 Organizations responsible for solid waste management</p> <p>【Target Group】 (1) Administrator officials responsible for solid waste management (2) At least 5 years of experience in the field</p>	
CONTENTS	PROGRAM PERIOD	Oct. 2007 - Dec. 2007 (1.5 Month)
<p>A. Lectures & Field Visits 1) Outline of environment / Administration / Organization / Finance and Economy / Law and legislation / Feasibility History of overcoming pollution in Kitakyushu City, international cooperation on environmental issues, waste treatment in Kitakyushu City 2) Collection and conveyance Separation, collection and transportation of waste in Kitakyushu, time and motion study for waste collection, collection and incineration of medical waste 3) "Semi-aerobic" system landfilling 4) 3R (Reduce, Reuse, Recycle), composting Reclaiming of scrap metal, compost using household garbage and dung of livestock 5) Public awareness and participation Reconversion as resources for waste, environmental education for citizens, Community activities C. Group discussion D. Action plan presentation</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	Expected number of participants per country : 2


Waste Management Technologies and 3R's for Central and South American Countries 中南米地域 廃棄物処理技術および 3 R Target Countries : Central and South America		 0784026 Environmental Management—Urban Solid Wastes 10 participants / Spanish
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Participants are expected to expand their capabilities of waste management and to make action plans to develop recycling-oriented society in their countries through studying the Japanese cases including the 3Rs (Reduce, Reuse and Recycle), public awareness activities, etc.	1) Technical or administrative personnel in central or local governments in the field of waste management and the 3Rs (Reduce, Reuse and Recycle) 2) Individuals with at least 5 years of practical work experience 3) University graduates or equivalent in sciences	
CONTENTS	PROGRAM PERIOD	Aug.7.2007 ~ Sep.22.2007
[Lectures, Observation] 1) Waste management administration - Collection and transportation of waste on the city level - The 3R policy (the 3R Initiative) - Transition of waste management administration in Japan 2) Waste treatment techniques - Industrial waste treatment techniques (intermediate, final disposal) - Recycling and composting techniques 3) Public awareness - Environmental education - Discussions with citizens [Others] - Country report presentation - Discussions - Action plans Preparatory Program: To make a Country Report on participants' responsibilities and the current situation & problems of waste management and the 3Rs in the participants' municipalities/countries Curriculum in Japan: Participants will obtain practical knowledge and technologies, and write and examine Action Plans which will be applied to the participating municipalities/countries, fully utilizing the knowledge and technologies they have obtained through the course. Post-program Activities: Action Plans will be shared and modified through discussion among persons concerned and the Final Report will be prepared and submitted to JICA within 6 months after return.	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center and Environmental Affairs Bureau, City of Sapporo
	JICA CENTER	Sapporo International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Waste Management and 3Rs (Reduce, Reuse, Recycle) Policy 廃棄物 3 R ・再資源化 (1 9 年度休止)		▼ 0780121
		Environmental Management—Urban Solid Wastes
		0 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
The purpose of this program is to give the participants an overall knowledge of technologies for industrial waste management and recycling, present trends of legislation and policies in the field of industrial waste management & recycling, skills to develop and implement recycling plans for industrial waste, and an overall information on the facilities and equipment concerned.	(1) Technical university graduates or holders of equivalent technical knowledge & professional experience (2) Technical officials in the central or local government with more than 5 years of practical experience in the field of industrial waste management and recycling (3) 30-45 years old	
CONTENTS	PROGRAM PERIOD	No service in 2007
(1) Present status of industrial waste management & recycling in Japan (2) Related legislation and strategies established in Japan (3) Implementation of countermeasures towards the creation of recycle-oriented society (standardization by ISO / green purchasing / product assessment (including LCA) / 3R-oriented design (Design for Environment)) (4) Present status of recycling by products in Japan (packagings & containers / home electrical appliances / foods / construction materials / end-of-life vehicles) (5) Development of environmental key technology (pre-treatment (collection, dismantling, crushing, sorting, dehydration & drying) / incineration, vitrification (melting) & solidification / pyrolysis / bio-treatment / energy-utilization)	IMPLEMENTING PARTNER	CLEAN JAPAN CENTER
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	1990~2008
	REMARKS	This program is conducted biennially and planned to be held in Fiscal years 2004, 2006 and 2008.

Comprehensive Waste Management Technique 廃棄物管理総合技術		▼ 0780226
		Environmental Management—Urban Solid Wastes Environmental Management—Industrial Solid Wastes
		8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Participants will acquire comprehensive knowledge and skills on solid waste management to enhance their capabilities for effective and proper planning and implementation of solid waste management. (1) to clarify the issues and causes of solid waste management in their respective countries. (2) to understand the present system and the historical process of environmental policy and solid waste management in Japan. (3) to understand the techniques and measures used in each process of solid waste management (collection and transportation, intermediate treatment, final disposal) in Japan (4) to understand the importance and concrete methods of environmental education/awareness for solid waste management (5) to understand the role and concrete methods of environmental management such as EIA in solid waste management	【Target Organization】 Departments in charge of solid waste management in national/local government or governmental organizations 【Target Group】 (1) Technical staff in charge of solid waste management at national/local government or governmental organization (2) More than three (3) years of work experience in the field of solid waste management (3) University degree or equivalent (4) Sufficient command of written and spoken English (5) Under forty (40) years of age in principle	
CONTENTS	PROGRAM PERIOD	May.8.2007 ~ Aug.5.2007
* This program deals with general, industrial and medical wastes. (1) Issue analysis workshop: Analysis of participants' countries (2) Country report presentation: Sharing the results (3) Waste management policy: Environmental policy and administrative system of waste management in Japan (4) Landfill disposal technique: Sanitary landfill technique "Fukuoka Method", etc. (5) Collection and Transportation: Time and motion, etc. (6) Waste treatment technique: Recycling, hazardous waste treatment, etc. (7) Environmental education and awareness: Role and concrete methods of environmental education taken by various actors (national/local government, schools, NGOs/citizens' groups and media) (8) Environmental management: Concept, methods and concrete examples of EIA, etc. (9) Feedback session: Review of each unit of the training (10) Final report presentation: Considering an action plan for improving waste management in participants' countries	IMPLEMENTING PARTNER	Environment Assessment Affairs Office, Hiroshima Prefectural Government
	JICA CENTER	Chugoku International Center
	COOPERATION PERIOD	2006~2010
	REMARKS	

Urban Solid Waste Management 都市廃棄物処理		▼ 0780802
		Environmental Management—Urban Solid Wastes
		10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The purpose is to contribute to the improvement of public health in participating countries through developing participants' capacity of urban solid waste management systems.</p> <p>The participants will acquire related knowledge and ideas through understanding Japanese effort, especially the case of Osaka City.</p> <p>The expected outputs are as follows: (1) Understand the nature of waste management problems in urban areas (2) Understand the whole process of waste management, including the formulation of management plans, efficient methods of collection and hygienic methods of disposal (3) Understand the citizens' role in the process of waste management (4) Gain the ability to draft a waste management plan appropriate to their respective countries</p>	(1) Engineers or administrative officials with at least 3 years of waste management experience or an equivalent level of knowledge, who expect to continue working in the same field after the training program (2) University graduates or with equivalent technical knowledge (3) Between 30 and 45 years old	
CONTENTS	PROGRAM PERIOD	Aug.21.2007 ~ Oct.24.2007
<p>In this program, the emphasis is put on introduction of the Japanese experience. The main themes are: (1) outline of solid waste management (2) outline of regional administration (3) economics and measures to counteract pollution (4) domestic waste management (5) intermediate treatment facilities (6) final disposal site (7) restrictions on industrial waste management.</p>	IMPLEMENTING PARTNER	OSAKA CITY ENVIRONMENTAL MANAGEMENT BUREAU
	JICA CENTER	Osaka International Center
	COOPERATION PERIOD	1998~2007
	REMARKS	Participants are required to bring an electronic version of their country reports. The reports should include photographs or data, to provide a clearer explanation of the waste management process and related issues in the participant's country .
Seminar on Comprehensive Solid Waste Management 廃棄物総合管理セミナー		▼ 0780974
		Environmental Management —Urban Solid Wastes
		12 participants / ENGLISH
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>Participants are expected to</p> <ol style="list-style-type: none"> expand their knowledge on solid waste management system, such as administration system and planning of solid waste management. enhance their solid waste management technologies which include collection, transportation, intermediate treatment, final disposal, reuse and recycling. expand their knowledge for improving their institution through understanding their own problems and other countries' case, and to become able to prepare an action plan for carrying out the solid waste management. 	<ol style="list-style-type: none"> Mid-career officials presently in charge of solid waste management in central or provincial governments or in local bodies, with more than 2 years of occupational experience in this field, Under 45 years old University graduates or those with equivalent technical qualifications in this field 	
CONTENTS	PROGRAM PERIOD	May.15.2007 ~ Jul.5.2007
<p>The following subjects are covered at the seminar: (1) Solid waste management (2) Planning and institutional system of solid waste management (3) Solid waste reduction, recycling and citizens' participation (4) Hazardous waste management (5) Collection and transportation of solid waste (6) Solid waste management technology (7) Others (country report presentation, group discussion and action plan presentation)</p>	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center
	JICA CENTER	Yokohama International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	This program is designed for countries whose main final disposal site is NOT in coral area. The country report is used not only for selecting applicants, but also for presentation.

Hazardous Waste Management and Appropriate Disposal for Asia アジア地域有害廃棄物管理・適正処理		 0784209
Target Countries : Asian Countries		Environmental Management—Industrial Solid Wastes 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Participants are expected to 1. learn the experience and knowledge on hazardous waste management in Japan. 2. share their experiences on hazardous waste management in their countries. 3. formulate draft Action Plans during the course to improve their situation through understanding their own problems. as expected after returning their countries be able to develop a hazardous waste management policy in their respective countries.	【Target Organizations】 Organizations engaged in hazardous waste management in the central government agencies 【Target Group】 (1) Mid-career officials presently in charge of hazardous waste management in central government agencies (2) Under 46 years old (3) University graduates or with equivalent technical qualifications in this field	
CONTENTS	PROGRAM PERIOD	20 Nov.2007 ~ 22 Dec.2007
The following subjects are covered during the course; (1) Measures taken by central and local governments in Japan against hazardous waste including success and failure cases (2) Approach of business enterprises to specified wastes such as industrial wastes and hospital wastes generated by their activities (3) Comprehension of current treatment system and problems through observation trips to business enterprises and hospitals which generate hazardous wastes (4) Formulation of draft Action Plans through discussion, group work, knowledge and experience obtained in the course (5) Follow-up through an individual consultation, TV conference, etc, if necessary (financial support for realization of such an action plan as construction of disposal plant is not included)	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center
	JICA CENTER	Yokohama International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Cleaner Production in Process Industries for Latin American Countries (for Managers and Engineers of Process Industries) 中南米地域 プロセス工業におけるクリーナープロダクション		 0784119
Target Countries : South America		Environmental Management—Cleaner Production 6 participants / Spanish
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Participants will be provided with the knowledge and techniques to improve their ability to solve existing problems in the above-titled area of their countries through: (1) Observing the real state of cleaner production in Japan, learning the method of executing cleaner production in process industries. (2) Learning the basic technologies of engineering for process industries, and (3) Learning how to implement effective maintenance management and to acquire useful technologies for it.	(1) Individuals with more than 5 years of experience in operation, design or maintenance in the field of process industries such as chemical, petroleum refinery, iron and steel, food and ceramic plant (2) University graduates who have majored in engineering or equivalent	
CONTENTS	PROGRAM PERIOD	Feb.4.2008 ~ May.24.2008
【Lecture】 (1) Cleaner Production, Environment Issues, ISO 14000, Economic Valuation, TPM, 5S and Kaizen Activity, Quality Control (2) Selection of Equipment, Motors, and Material, Corrosion and Protection, Fracture Mechanics, Finite Element Method (3) Maintenance Management, Diagnosis Technique 【Practice】 (1) New QC7 Tools, PCM, Value Engineering (2) Process Control, Sequence Control, Fractography, Motor Control (3) Diagnosis Technique, Nondestructive Inspection 【Plant Visit and Study Tour】 Learning from examples of cleaner production and maintenance management by company visits and study tours (Mitsubishi Chemical Corp, Yasukawa Electric Corp, Water Treatment Plant, Garbage Treatment Plant, Mitsubishi Material Corp, MERI, Nippon Steel Corp)	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)
	JICA CENTER	Kyushu International Center
	COOPERATION PERIOD	2005~2007
	REMARKS	

Maintenance Management for Cleaner Production クリーナープロダクションのための保安全管理		▼ 0780885	
		Environmental Management—Cleaner Production	
		6 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>The objectives of this program are (1) To train maintenance managers and engineers to maximize the capability of facilities and to eliminate facility problems (environmental pollution, wasted energy/resources, etc.) for cleaner production, and (2) To establish a framework for optimizing equipment management and maintenance, and to contribute to economic development and improvement of the global environment through achieving sustainable cleaner production (CP).</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1) To consider the roles and issues of equipment maintenance and management 2) To learn the transition of maintenance management methods (e.g. activation method in maintenance sites) 3) To learn improvement measures and procedures in maintenance service 4) To learn about computer systems for maintenance management and advanced maintenance technology 5) To improve the method and ability to respond to accidents and disasters in the maintenance site 	<p>[Target Organizations] Equipment management/maintenance department</p> <p>[Target Group] 1) At least 3 years of practical experience in maintenance works 2) Manager or higher in plant maintenance work 3) University graduate of engineering or equivalent</p>		
CONTENTS	PROGRAM PERIOD	Jan.7.2008～ Apr.26.2008	
<p>All topics include lectures, practice, and site visits.</p> <ol style="list-style-type: none"> 1) Global environment issues and CP 2) Management method for maintenance site (e.g. PDCA cycle) and enhancing safety/disaster handling capabilities 3) Transition and issues of equipment and maintenance management (e.g. time based management, risk based management) 4) Equipment maintenance service (e.g. cost management, resource management) and methods for improving it 5) Equipment diagnosis techniques (e.g. vibration diagnosis, nondestructive inspection, insulation diagnosis) 6) Computer system for equipment maintenance and data administration 7) Education and training methods for passing on basic maintenance skills 8) Maintenance techniques for major equipment (e.g. hydraulic power units) and repair techniques for machine products 9) Life cycle costing and plant engineering 	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION	
	JICA CENTER	Kyushu International Center	
	COOPERATION PERIOD	2004～2008	
	REMARKS	This program covers not only maintenance management but also management techniques for activating the organization thorough the experience of Japanese manufacturers, one of the most competitive organizations in the world.	



Computerized Machine Control for Mechanical Automation- Essentials for Cleaner Production- コンピューターによる機械制御—クリーナープロダクションの ための高度設備システムの構築		▼ 0780886	
		Environmental Management—Cleaner Production	
		5 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>Participants will acquire the knowledge and techniques of mechanical automation, quality management, and productivity improvement in order to play an essential role in realizing successful mechanical automation and cleaner production.</p> <p>To reach the objective, participants are expected to achieve the following results.</p> <ol style="list-style-type: none"> (1) To develop equipment management abilities (cleaner production, equipment management and maintenance) (2) To master the basics of control systems (classical control theory, feedback control, simulation) (3) To master element technologies (electric and electronic technology, microcomputer, mechanical) (4) To master operation and application technologies 	<p>(1) Individuals interested in studying computerized machine control and mechatronics and have at least 5 years of work experience in the process industry or assembly industry such as production and maintenance</p> <p>(2) Mechanical engineering graduates, or equivalent (engineers with Ph.D. will not be accepted)</p> <p>(3) Age: Preferably under 35 years old</p>		
CONTENTS	PROGRAM PERIOD	Oct.22.2007 ~ Mar.22.2008	
<ol style="list-style-type: none"> (1) Cleaner production in manufacturing (2) Theory of servo control and process control and their practices by mini plants (3) Computer simulation of control systems using MALAB/SIMULINK and Bondgraphs (4) Computerized numerical control and its application (5) Practice of variable speed electric motors (servo motor and VVVF inverter system) (6) Programming of micro-processor for controlling a mini robot assembled by each participant (7) Cases of application such as industrial robots, CNC machine tools and injection molding machines (8) Study tours visiting some leading companies in Japan <p>- Special Activity: Joining the Technical High School Robot Contest in Miyazaki Prefecture (venue: Miyazaki Prefectural Technical High School). The JICA Participants, with the cooperation of Miyazaki Technical High School, are to join the contest as a team and exercise machine control practices.</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)	
	JICA CENTER	Kyushu International Center	
	COOPERATION PERIOD	2004～2008	
	REMARKS	This program provides the latest theory by professors, advanced industrial technologies by active engineers, and basic knowledge by experienced engineers, to develop leading engineers with a high degree of professionalism and vision.	

Capacity Development of Host Countries of CDM/JI for Southeast European and CIS countries 南東欧・CIS地域京都メカニズム能力開発 Target Countries : Southeast European and CIS countries		0784195 Environmental Management—Global Warming 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>[Objective]</p> <p>- The objective is to enhance the capabilities for efficient formulation of CDM/JI projects.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand the overview of the UNFCCC and the Kyoto Protocol, including the Kyoto Mechanisms such as CDM and JI</p> <p>(2) To understand effective measures to promote CDM and JI</p> <p>(3) To acquire skills to develop CDM/JI projects</p> <p>(4) To create and strengthen a network among participating countries, as well as with major stakeholders in Japan</p> <p>(5) To elaborate a report on plan of actions that would be implemented after returning home, in view of prioritized needs of each country</p>	<p>【Target Organizations】</p> <p>1) National governmental offices in charge of CDM/JI</p> <p>2) Relevant organizations dealing with CDM/JI</p> <p>3) Person from DNA (Designated National Authorities) is highly desirable.</p> <p>【Target Group】</p> <p>1) Administrative officers in charge of CDM/JI issue in national governmental offices</p> <p>2) Staff of relevant organizations supporting its national government</p> <p>3) University graduates or equivalent qualification</p>	
CONTENTS	PROGRAM PERIOD	Oct.11.2007 ~ Oct.27.2007
<p>Preparatory phase:</p> <p>- Participants will make a report on the current situation of CDM/JI in their country.</p> <p>Program in Japan:</p> <p>- The program in Japan consists of the following topics:</p> <p>1) Lecture on the transition of efforts for solving global warming issue, the role and mechanism of CDM / JI, and the policy on CDM/JI in Japan</p> <p>2) Lecture on the process of formulation and the way of proposition for CDM/JI projects</p> <p>3) Exercise on drafting the projects of PDD and CDM/JI</p> <p>4) Visiting the government-affiliated agency and the private company</p> <p>5) Considering what should be focused on in each country, throughout the discussion on draft of action plan made by participants based on the lectures and exercises</p> <p>Development phase:</p> <p>- The draft of the action plans made during the program in Japan should be shared in the organizations of participants and should be elaborated as feasible action plans.</p> <p>- Six months after leaving Japan, participants will report the progress of the final action plans to JICA.</p>	IMPLEMENTING PARTNER	Overseas Environmental Cooperation Center, Japan
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	

Capacity Building for Officers Dealing with AR-CDM Project for Asia-Pacific Region and South & Central America アジア大洋州・中南米地域AR-CDM (CDM植林) 担当者育成		0784202
Target Countries : Asia including Vietnam and Indonesia, English-speaking African Countries and Central and South America		Environmental Management—Global Warming 9 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
To foster the personnel in charge of AR-CDM, and to enhance their abilities to develop and implement measures on AR-CDM	【Target Organization】 Central administrative organizations in charge of policies regarding AR-CDM 【Target Group】 Administrative officers working for AR-CDM in central administrative organizations or its related organizations, or researchers Participation of counterparts in projects for technical cooperation is encouraged.	
CONTENTS	PROGRAM PERIOD	Nov. 2007 ~ Dec. 2007
Lectures to understand the mechanism of global warming and measures for forest conservation scientifically and to understand Kyoto Protocol, rules for Kyoto mechanism, rules for AR-CDM and small scale AR-CDM Observations to grasp the present situations regarding forest conservation in Japan that contributes to AR-CDM Country report presentations and discussions to understand the roles of developing countries concerning Kyoto Protocol and forest conservation Practices about the carbon absorption calculation method and its actual calculation, and the processes to formulate a project plan for AR-CDM and to draw up project design drawing (PDD) The participants will make plans to conduct AR-CDM projects verified adaptability to their own countries.	IMPLEMENTING PARTNER	Under Planning
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	


Capacity Building for Project Staff Regarding Kyoto Mechanism 京都メカニズムプロジェクト担当者養成		0780793
Target Countries : Signatories to the Kyoto Protocol		Environmental Management—Global Warming 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
[Objective] The participants are expected to develop skills for planning and implementing, or facilitating CDM projects. [Expected Results] Expected achievements are as follows: 1. To understand the scientific aspect of global warming 2. To understand the Kyoto Protocol and the rules of the Kyoto Mechanism 3. To understand the role of developing countries for the facilitation of CDM projects 4. To consider the applicability of measures to limit and/or reduce emissions of greenhouse gases in Japan and make an action plan	1. Administrative officers of national governments in charge of making and/or implementing the policies and/or projects concerning the Kyoto Mechanism 2. Designated National Authorities (DNA) or other corresponding organizations such as National Focal Points and CDM officers	
CONTENTS	PROGRAM PERIOD	Jun.11.2007 ~ Jul.29.2007
1. Scientific aspects of global warming - Global warming and its influence - Japan's GHGs emission mitigation measures to achieve the commitment stipulated in the Kyoto Protocol 2. Outline of Kyoto Protocol and the rules of the Kyoto Mechanism - Kyoto Protocol (History, Target and Kyoto Mechanism) - Introduction of Kyoto Mechanism (UNFCCC, CDM, JI, ET) - Detailed rules of CDM - CDM project design document (PDD) 3. Role of developing countries for the facilitation of CDM projects 4. Measures to limit/reduce emissions of greenhouse gases (GHGs) - Measures taken by industries against global warming - Energy and resource saving for CO2 reduction in major energy-intensive industries - Global issues and development of clean-energy vehicles	IMPLEMENTING PARTNER	INT'L CENTER FOR ENVIRONMENTAL TECH. TRANSFER
	JICA CENTER	Chubu International Center
	COOPERATION PERIOD	2003~2007
	REMARKS	


OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>[Objective] - Participants will develop feasible actions to solve problems in the field for which they are responsible.</p> <p>To reach the objective, participants are expected to achieve the following: 1) To understand the concept of mainstreaming climate change policy into sustainable development 2) To understand the measures for developing national communications 3) To understand the methodology of developing inventories of greenhouse gas emissions and sinks 4) To understand measures for adaptation and mitigation against climate change 5) To make a draft of action plans to solve problems in the field for which the participants are responsible</p>	<p>[Target Organizations] 1) Governmental organizations in charge of climate change issues 2) Organizations designated as UNFCCC focal points</p> <p>[Target Group] - Administrative officials who are presently in charge of climate change/global warming issues</p>	
CONTENTS	PROGRAM PERIOD	Jan.10.2008 ~ Mar.8.2008
<p>Preparatory phase: - Participants will make a country report on the current situation of the climate change policy in their country. - Participants will identify the essential problems regarding to their own job and make a job report on those problems and their possible solutions.</p> <p>Program in Japan: - Participants are expected to understand the overall view of the climate change issue in order to fulfill the responsibilities stipulated by the UNFCCC through lectures, discussions, practical exercises and site visits. Besides these activities, participants are expected to make action plans both in groups and as individuals to address the climate change issue and make presentations at the end of the program. - Lectures consists of the following subjects: (1) Outline of climate change (2) Measures to be taken 1) Vulnerability, adaptation and mitigation measures (3) GHG reduction measures and sinks (4) Energy conservation and renewable energy (5) International framework 1) Methodologies to calculate GHG emissions 2) Guideline of National Communication 3) Kyoto protocol and CDM</p> <p>Development phase: - The draft of the action plans made in the program in Japan should be shared in the organizations of participants and should be elaborated as feasible action plans. - Six months after leaving Japan, participants will report the progress of the final action plans to JICA.</p>	IMPLEMENTING PARTNER	MINISTRY OF THE ENVIRONMENT
	JICA CENTER	Tsukuba International Center
	COOPERATION PERIOD	2007~2009
	REMARKS	<p>This program aims to help developing countries fulfill their obligations as a member of UNFCCC. Through this program, participants will gain knowledge of a broad range of climate change issues. All activities including lectures will be interactive, and participants will be required to work in groups and as individuals, so active participation in the program and high motivation is essential. Related website: Ministry of the Environment: http://www.env.go.jp/en/Kyoto Mechanism Information Platform: http://www.kyomecha.org/e/index.html</p>


Environmental and Social Considerations in Oceania 大洋州地域環境社会配慮		 0784114 Environmental Management—Other Environmental Management Issues 10 participants / English	
OBJECTIVE		TARGET ORGANIZATIONS / GROUP	
Participants will be able to increase their capability of providing appropriate guidance to organizations engaged in EIA as well as making more appropriate judgment for the implementation of EIA in their countries by referring to a number of advanced cases. Through the course, participants are expected to: (1) Be able to explain the fundamental ideas, mission and problems of EIA. (2) Learn the efforts of international aid agencies to increase the awareness of environmental and social issues and be able to describe the requirements for development projects. (3) Be able to explain the points of procedures and techniques for the implementation of EIA. (4) Gain the skills to facilitate smooth consensus-building through group exercises. (5) Be able to compare the EIA systems of one's own country with those required by international aid agencies, and consider the solutions for the problems hampering one's country's EIA, by this comparison.		1) Examining authority for EIA (Environmental Impact Assessment), 2) National or Local Government organizations engaged in large-scale development projects, which will require EIA	
CONTENTS		PROGRAM PERIOD	Oct.28.2007 ~ Nov.17.2007
Preparatory phase: The following tasks should be performed by the selected participants. 1) Preparations for Job Description Report and its presentation. 2) Consultation, discussion, information gathering and problem analysis for the Action Plan. Program in Japan: Through these subjects, participants formulate Action Plan for solving issues at their organization. 1) Introduction to EIA, 2) Roles of EIA in International Cooperation, 3) Practice of Environmental and Social Considerations, 4) Site Visits, 5) Presentation After the participants' return: The actions described in the Action Plan will be implemented.		IMPLEMENTING PARTNER	Overseas Environmental Cooperation Center, Japan
		JICA CENTER	Tokyo International Center
		COOPERATION PERIOD	2005~2007
		REMARKS	Since this program is subject to administrative officers with technical background, researchers may not be able to attain their academic objectives through this training program.
Industrial Pollution Control Management for Middle Eastern Countries 中東地域産業環境対策		 0784021 Environmental Management—Other Environmental Management Issues 7 participants / English	
OBJECTIVE		TARGET ORGANIZATIONS / GROUP	
Enable the participants (administrators in charge of controlling industrial environment) to formulate policies and programs for guiding industries by utilizing the analysis techniques, equipment control, and administrative measures taught in this course. To understand: 1) air pollution control administration and pollution control technologies, 2) water pollution control administration and pollution control technologies, 3) waste treatment administration and effective treatment technologies, 4) measurement of environmental pollutants and their effects upon the human body and the natural world, and 5) environmental improvement techniques, and to design an environmental improvement activity plan to suit an issue in the participant's country.		<ul style="list-style-type: none"> • Public Organization in charge of Industrial Pollution Control • Administrators with 3 or more years of work experience in industrial environmental management. • University degree from engineering department or comparable knowledge preferably in the fields of chemical engineering, sanitary engineering, environmental engineering, or civil engineering. • 3 or more years of work experience. • Aged between 25 and 45. 	
CONTENTS		PROGRAM PERIOD	Oct.30.2007 ~ Feb.22.2008
(1) Air pollution control administration and pollution control technologies, (2) Water pollution control administration and pollution control technologies, (3) Waste treatment administration and effective treatment technologies, (4) Measurement of environmental pollutants and their effects upon the human body and the natural world, and (5) Environmental improvement techniques, and design of an environmental improvement activity plan to suit an issue in the participant's country.		IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION
		JICA CENTER	Kyushu International Center
		COOPERATION PERIOD	2006~2010
		REMARKS	

Environmental Protection and Management of Mining areas in the Balkan Countries バルカン地域 鉱山地域における環境保護・管理 Target Countries : Balkan		0784111 Environmental Management—Other Environmental Management Issues 8 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>This program is intended to improve the level of protection and management of environment in mining areas by appropriate monitoring and control of harmful substances such as mining wastes and leachate in former Yugoslavia and neighboring nations.</p> <p>The ultimate purpose is to maintain and administer good health of the people in the area.</p>	<p>1. Administrative officers in the central or local governments in charge of supervising mine development and its environmental management</p> <p>2. Individuals with a minimum of 5-year experience in environmental management in a national or local administrative body</p> <p>3. University graduates or above</p>		
CONTENTS	PROGRAM PERIOD	Mar.26.2008～Apr.26.2008	
<p>1. Basic theories of prevention of environmental deterioration in mining area and upgrading of managerial capability</p> <p>2. Mechanism of environmental pollution in mining area</p> <p>3. Environmental standards and basic environmental policies of inspection and administration, etc. related to mining activities in Japan</p> <p>4. History and the present situation of mining pollution in Japan and countermeasures against it</p> <p>5. Formulation of action plan for implementing / improving environmental protection management in mining areas in your countries</p>	IMPLEMENTING PARTNER	Japan Mining Engineering Center for International Cooperation	
	JICA CENTER	Tokyo International Center	
	COOPERATION PERIOD	2005～2007	
	REMARKS		

Heavy Metal and Other Hazardous Substance Pollution Control 環境中の有害汚染物質対策		0780224 Environmental Management—Other Environmental Management Issues 6 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP		
<p>This course is designed for participants to acquire the abilities to evaluate from emission sources on the environment pollution control, and formulate measures to prevent pollution due to hazardous substances through the following outputs:</p> <p>(1) Understand recent conditions and history of pollution caused by hazardous substances, including Minamata disease, etc. caused by metal containments</p> <p>(2) Understand the effects on human health resulting from metal contaminants and other hazardous substances</p> <p>(3) Understand local government's pollution controls for hazardous substances such as environmental assessment and environmental systems based on laws and ordinances</p> <p>(4) Understand analytical techniques and methods of environmental monitoring implemented by local government so as to obtain a grasp of current status of environment</p> <p>(5) Understand methods of surveying to obtain a grasp of sources of environmental pollution due of metal contaminants</p>	<p>(1) University graduates with a chemistry background, or the equivalent aptitude and knowledge</p> <p>(2) Key administrative engineers (not including researcher) in the environmental field with at least 5 years of experience</p> <p>(3) Between 30 - 40 years of age</p>		
CONTENTS	PROGRAM PERIOD	Jun.4.2007 ~ Aug.11.2007	
<p>Step1 <Know the background to hazardous pollutant countermeasures></p> <p>1-1 Overview of Pollution Due to Hazardous Substances (Lecture)</p> <p>1-2 Health Impacts, etc., of Hazardous Substances (Lecture)</p> <p>Step2 <Acquire basic information relating to hazardous pollutant countermeasures></p> <p>2-1 Environmental Measures by Local Government (Lecture)</p> <p>2-2 Environmental Monitoring (Lecture/Practice)</p> <p>Step3 <Learn concrete methods relating to hazardous pollutant countermeasures></p> <p>3-1 Studies Trace Pollution Sources</p> <p>3-2 3R Promotion Techniques (Lecture/Observation)</p> <p>3-3 Pollution Control Technologies (Facility Tour)</p> <p>Step4 <Acquire solutions from specialists for accomplishment of tasks in the home country></p> <p>Step5 <Action Plan Presentation and Verification of Manifested Effects of Training> Follow-up by JICA-GEC Network</p>	IMPLEMENTING PARTNER	OSAKA PREFECTURAL GOVERNMENT, DEP. OF ENVIRON.& Agri.	
	JICA CENTER	Osaka International Center	
	COOPERATION PERIOD	2006～2010	
	REMARKS	Participants are required to bring some photos, slides, or data of examples of hazardous substances pollution.	

Research on Environment Technology 環境調和技術		 0780729 Environmental Management—Other Environmental Management Issues 5 participants / English	
OBJECTIVE		TARGET ORGANIZATIONS / GROUP	
<p>[Objective] - The objective of this program is to master appropriate technologies and skills, and to develop leading researchers in the field of environmental technology.</p> <p>To reach the objective, participants are expected to achieve the following: 1) To master methods to carry out research activities by themselves 2) To deepen knowledge on environmental technology 3) To build a broad network with other researchers 4) To make a presentation at an academic conference 5) To make a final report based on results of the research activities in Japan 6) To make a draft paper on how the research subject will be evolved in their respective organizations and will contribute for solving the issue in the field of environmental technology in their countries.</p>		<p>[Target Organizations] Public research institutes, universities</p> <p>[Target Group] (1) Researchers in the field of environmental technology (2) Individuals with Masters degree or equivalent (3) Individuals with at least 3 years of research experience</p>	
CONTENTS		PROGRAM PERIOD	Jul.24.2007 ~ Mar.8.2008
<p>Preparatory phase: - Participants are requested to make their own research proposals according to the topic of the research subject determined before their coming to Japan. In this process it is essential to contact the host researchers and to have consultations.</p> <p>Program in Japan: - Introductory lectures in AIST (1.5 weeks) 1) Introductory lectures 2) Observation tour of the research institutes in Tsukuba Science city - Individual research (about 7 months): According to the subject determined before coming to Japan, participants will be assigned as a member of the laboratory of the host researcher, conduct research under the supervision of the host researcher, and write up the results in a final report. By the end of the program, the participants will make a draft paper on how the research subject will be evolved in their respective organizations and will contribute for solving the issue in the field of environmental technology in their countries. - Subjects to be offered in relation with the following fields: Environmental measurement and monitoring technology; Environmental assessment and evaluation; Eco-Friendly technology; Eco-material development; Wastes treatment technology; Energy utilization technology; etc.</p> <p>Development phase: - The draft paper will be shared with the respective organizations of the participants. Six months after the end of the program in Japan, the participants will report the progress of their activities in their organizations to Japan.</p>		IMPLEMENTING PARTNER	National Institute of Advanced Industrial Science
		JICA CENTER	Tsukuba International Center
		COOPERATION PERIOD	2007~2009
		REMARKS	- The program includes intensive Japanese language lessons (25 hours). - Related website: National Institute of Advanced Industrial Science and Technology http://www.aist.go.jp/index_en.html

Risk Assessment and Monitoring for Environmental Chemicals 環境負荷化学物質の分析技術及びリスク評価		 0780811 Environmental Management—Other Environmental Management Issues 8 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
The aim of this program is to give leading technical officers and researchers the knowledge and technologies needed for risk assessment and monitoring of environmental chemicals. (1) To learn about technologies for risk assessment for environmental and industrial chemicals and their impacts on human health and ecosystems (2) To learn about the theory and principles of techniques used for monitoring environmental and industrial chemicals in environmental resources and agricultural products (3) To gain analytical techniques and skills in instrument analysis, immunoassay and bioassay methods (4) To complete research reports at the end of the first and second half periods on a given theme, and to prepare an action plan on the utilization and promotion of knowledge and techniques gained in the program for the specialists in related areas in respective countries	(1) Middle-ranking technical officers in the fields of environmental science (2) Leading technical officers and researchers in charge of risk assessment and monitoring of environmental chemicals	
CONTENTS	PROGRAM PERIOD	Feb.11.2008 ~ Aug.16.2008
Lectures and practical exercises on: (1) Administration and laws for environmental chemicals (2) Environmental chemicals (3) Methods of analyzing environmental chemicals including pesticide residues in crops and the environment (4) Biotechnological approach (biotechnology, immunoassays, bioassays)	IMPLEMENTING PARTNER	Kobe University, Kobe Quarantine Station, Hyogo Prefectural Institute of Public Health and Environmental Sciences
	JICA CENTER	Hyogo International Center
	COOPERATION PERIOD	2003~2007
	REMARKS	

Environmental Impact Assessment for ODA Project ODAにおける環境影響評価		 0780936 Environmental Management—Other Environmental Management Issues 13 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
Participants will be able to increase their capability for providing appropriate guidance to organizations engaged in EIA (Environmental Impact Assessment) or ESC (Environmental and Social Considerations) as well as being able to make more appropriate judgment for the implementation of EIA in their countries by referring to numerous advanced cases. Through the program, participants are expected to: (1) Be able to explain the fundamental ideas, mission and problems of ESC. (2) Learn the efforts of international aid agencies to increase the awareness of ESC and be able to describe the requirements for development projects. (3) Be able to explain the points of procedures and techniques for the implementation of EIA/ESC. (4) Gain the skills to facilitate smooth consensus-building through workshops. (5) Be able to identify issues of EIA/ESC in their counties, analyze problems and logically present their solutions.	1) Examining authority for EIA (Environmental Impact Assessment), 2) National or Local Government organizations engaged in large-scale development projects, which will require EIA	
CONTENTS	PROGRAM PERIOD	May.21.2007 ~ Jun.17.2007
Preparatory phase: The following tasks should be performed by the selected participants. 1) Preparations for Inception Report (Cases conducting EIA in their organizations) and its presentation. 2) Consultation, discussion, information gathering and problem analysis for the Action Plan. Program in Japan: The main subjects that will be covered in the program follow. Through these subjects, participants formulate Action Plan for solving issues at their organization. 1) Introduction to EIA, 2) International cooperation and EIA, 3) Procedures and methodologies of EIA, 4) Operational skills, 5) Presentation skills After the participants' return: The actions described in the Action Plan will be implemented.	IMPLEMENTING PARTNER	Overseas Environmental Cooperation Center (OECC)
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	Since this program is subject to administrative officers with technical background, researchers may not be able to attain their academic objectives through this training program.

Environmental Radioactivity Analysis and Measurement Technique 環境放射能分析・測定技術		0780938
		Environmental Management—Other Environmental Management Issues 5 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>This program provides opportunity for technicians and researchers of environmental radioactivity analysis/measurement institutions in countries, that have nuclear power plants/experimental reactors or highly concentrated natural radiation sources to enable them to precisely measure radiation doses and protect people from its effects.</p> <p>By the end of this program, participants will be able:</p> <p>(1) To acquire basic knowledge necessary to carry out environmental radioactivity analysis & measurement,</p> <p>(2) To understand methods to collect & pretreat environmental samples,</p> <p>(3) To understand methods of radionuclide analysis (gamma-ray spectrometry, tritium analysis, radiostrontium analysis, uranium analysis and radon measurement),</p> <p>(4) To understand methods for measurement of environmental gamma ray dose rate and accumulate dose, and</p> <p>(5) To formulate action plan to apply acquired knowledge for future activities in their country.</p>	<p>[Target Organizations] Radioactivity analysis/measurement institutions.</p> <p>[Target Groups] Technicians or researchers with basic knowledge on environmental radioactivity analysis/measurement.</p>	
CONTENTS	PROGRAM PERIOD	Aug.14.2007 ~ Sep.15.2007
<p>This program consists of lectures, laboratory exercises, and observation tours. The following subjects will be covered:</p> <p>(1) Basics of Environmental Radioactivity Analysis,</p> <p>(2) Collection and Pretreatment of Environmental Samples,</p> <p>(3) Gamma-ray Spectrometry with a Ge Semiconductor Detector,</p> <p>(4) Tritium Analysis,</p> <p>(5) Radiostrontium Analysis,</p> <p>(6) Uranium Analysis,</p> <p>(7) Radon Measurement,</p> <p>(8) Measurement of Environmental Gamma Ray,</p> <p>(9) Formulation of Action Plan</p>	IMPLEMENTING PARTNER	JAPAN CHEMICAL ANALYSIS CENTER
	JICA CENTER	Tokyo International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	Countries, that have nuclear power plants and/or experimental reactors or highly concentrated natural radiation sources, and those making effort to monitor environmental radioactivity.

Environmental Management Technology in Chemical Industries 化学産業における環境管理技術		0780982
		Environmental Management—Other Environmental Management Issues 10 participants / English
OBJECTIVE	TARGET ORGANIZATIONS / GROUP	
<p>The participants are expected to obtain the capabilities of applying environmental management skills and methods in their respective countries, through learning of the latest information regarding those skills used in Japan.</p> <p>[Expected Results] 1. To broaden understanding of the legal system and management technique for chemicals through the whole life cycle from production to disposal of products as well as their environmental management 2.To acquire technical knowledge needed for the management of chemical substances such as test and assessment methods, risk assessment techniques, etc. 3.To gain a better understanding on comprehensive knowledge of the latest technology currently used in Japan for environmental management i.e. safety management and reduction of effluent discharge, detoxification of hazardous chemicals, resources recycling, energy conservation, etc. 4.To gain understanding of environmental monitoring and domestic solid waste treatment conducted by local governments</p>	<p>[Target Organization] National or local governments, petrochemical and other chemical industries in charge of environmental management</p> <p>[Target Group] (1) Governmental inspectors or planners for the industry, business executives or technical engineers with at least 5 years of practical experience in the field of environmental conservation (2) Age: Under 45 years old (3) University graduates or those with equivalent academic background and proficient command of spoken and written English</p>	
CONTENTS	PROGRAM PERIOD	Jun.4.2007 ~ Jul.21.2007
<p>1: Orientations and the Latest Technologies Implemented in Local Government (1) Introduction of the City of Yokkaichi and its Petrochemical Industrial Complex (2) Laws on Emission and Disposal of Chemicals (3) Footsteps on Improving Environment (Yokkaichi's Experience) (4) Local Government's Environment Monitoring System 2: Risk Management Technology on Chemical Substances (1) Risk Management of Chemical Substances and Latest Technology of Analysis (2) Cleaner Production (3) Air Pollution and Water Pollution Control Technology 3: Environmental Management of Chemical Industries (Factories visit) 4: The Latest Technology for Chemical Substances Management (1) Solid Waste Final Disposal Site (2) Dioxin Analysis Technology (3) Toxic Chemical Substances Control (4) Energy Saving Type Wastewater Treatment Technology 5: Summary (Evaluation Meeting and Final report & Action Plan presentation)</p>	IMPLEMENTING PARTNER	INT'L CENTER FOR ENVIRONMENTAL TECH. TRANSFER
	JICA CENTER	Chubu International Center
	COOPERATION PERIOD	2005~2009
	REMARKS	http://www.icett.or.jp/ For applicants from non-governmental organization, an official authorization is needed to show the equivalence to a governmental organization.

Environmental Education Focused on Fresh Water Environment ▼ 0780991	
-For Tertiary Level Teaching Staff- Environmental Management—Other Environmental Management Issues	
水環境を主題とする環境教育 Nature Conservation—Other Nature Conservation Issues	
8 participants / English	
OBJECTIVE	TARGET ORGANIZATIONS / GROUP
<p>In order to develop and spread the environmental education in their respective countries, by the end of the program, participants are expected to gain the following outputs:</p> <ol style="list-style-type: none"> 1. To understand the idea and theory of environmental education, 2. To acquire the skills to make the curriculum of environmental education, and 3. To make the action plans to solve the problems which participants are facing. 	<ol style="list-style-type: none"> (1) University/College lecturers or equivalent (2) Engaged in environmental education (3) Under 35 years of age (4) University/college graduates or equivalent
CONTENTS	PROGRAM PERIOD 2007/8/20 - 2007/10/20
<ul style="list-style-type: none"> - Basic Concepts in Environmental Issues: Country Report Presentation, EE in General, Environmental Problems, Public Sanitation in General - EE Principles, Activities and Materials: Principles of EE, EE Activities and Teaching Materials - Deployment of EE: Know-how for Worldwide Dissemination of EE - Networking between Citizens, Schools and Governments - Presentation of Training Results: Lectures by Participants to University Students, Individual Discussion on Final Report 	IMPLEMENTING PARTNER Shiga University/ International Lake Environment Committee Foundation
	JICA CENTER Osaka International Center
	COOPERATION PERIOD 2005~2009
	REMARKS

Index

索引

INDEX

索引

A

0784078	Acid Deposition Monitoring Network in East Asia	527
	東アジア酸性雨モニタリングネットワーク技術	
0784106	Activation of Local Communities through Eco-friendly Tourism Promotion for the Kyrgyz Republic and Republic of Tajikistan.....	372
	キルギス・タジキスタン環境調和型観光開発による地域共同体の活性化	
0784003	Administration de l'Enseignement pour les pays Francophones d'Afrique.....	102
	仏語圏アフリカ「教育行政」	
0784126	Advanced Course: Detection of Early Gastrointestinal Cancer and Related Digestive Tumors	120
	上級早期胃癌診断	
0780787	Advanced Laboratory Technology for Care and Management of HIV-1 Infected Individuals.....	142
	H I V感染者のケアとマネジメントのための高度診断技術	
0780920	Advanced Research Course on Control of Zoonosis for Food Safety	420
	食の安全確保のための人畜共通感染症対策	
0780803	Advocating a Law-Oriented Infrastructure to Promote Foreign Direct Investment	395
	投資環境法整備	
0780926	Agricultural Extension Planning and Management.....	413
	農業普及企画管理者	
0784028	Agricultural Finance in Central Asia and Caucasus.....	408
	中央アジア・コーカサス地域農業金融	
0780903	Agricultural Infrastructure Improvement in Upland Crops Area	435
	畑地帯における農業基盤整備	
0780008	Agricultural Medicine and Rural Health -Occupational Hazard of Agriculture and Community Health in Rural Area-.....	128
	農村医学	
0784135	Agricultural Production and Distribution for Southeast European Countries	444
	南東欧地域農産物市場経済	
0780003	Agrobiotechnology	421
	アグロバイオテクノロジー	
0780854	Air Pollution Control	531
	大気汚染対策	
0784112	Air Pollution Source Monitoring Management for Asian Countries.....	528
	アジア地域大気汚染源モニタリング管理	
0780864	Air Quality Management Policy.....	529
	大気保全政策	
0780567	Analysis, Interpretation and Dissemination of Official Statistics.....	225
	官庁統計の解析、解釈及び公表コース	

0784012	Andean Community Productivity Improvement	358
	アンデス共同体生産性向上	
0780935	Application of Info.& Communications Technology to Production & Dissemination of Official Statistics	227
	官庁統計の作成及び公表のための情報通信技術の適用	
0780857	Application of Multimedia Technology for E-Education	312
	教育のためのマルチメディア応用技術	
0784197	Arid Land Agriculture by Efficient Water Use for Middle East	418
	中東地域における効率的水利用による農業技術	
0780877	ASEAN International Standards Development Course	393
	アセアン国際標準開発研修	
0780767	Asia Pacific Legal Metrology System.....	397
	アジア太平洋法定計量システム	
0784180	Asia-Africa Cooperation on "Rural Community Development by Livelihood Improvement Approach"	438
	アジア・アフリカ協力・生活改善アプローチによる農村コミュニティー開発	
0780124	ASOSAI Seminar	210
	ASOSAIセミナー	
0780847	Assurance of Food Safety and Quality Control.....	134
	食品の安全性確保	
0784241	Audit Technology for Energy Conservation for Asia.....	334
	アジア地域省エネルギー診断技術	
0780921	Automotive Technology for Environmental Protection.....	526
	環境保全のための自動車技術	

B

0780789	Biodiversity Information System.....	463
	生物多様性情報システム	
0780792	Bioindustry II.....	384
	バイオインダストリー II	
0784201	Biosafety Control for Emerging Infectious Diseases for Asia	148
	アジア地域新興感染症バイオハザード対策	
0784242	Bond Market Development in ASEAN Countries	346
	アセアン地域債券市場整備	
0780711	Building Codes and Control Systems (Building Safety and Social/ Environmental Consideration)	497
	建築基準と規制システム (建築物の安全性と環境社会配慮)	
0784142	Business Management for Caucasian Countries	357
	コーカサス地域 経営管理	

C

0780752	Capacity Building for Local Government in Sustainable Regional Fishery Development.....	469
	地域水産業の持続的発展に寄与する行政担当者育成	

0784202	Capacity Building for Officers Dealing with AR-CDM Project for Asia-Pacific Region and South & Central America	549
	アジア大洋州・中南米地域AR-CDM (CDM植林) 担当者育成	
0780793	Capacity Building for Project Staff Regarding Kyoto Mechanism	549
	京都メカニズムプロジェクト担当者養成	
0784196	Capacity Development for the supports of Farmers' Organizations and Management for Francophone Africa..	439
	仏語圏アフリカ地域農民組織化・運営支援に係る能力強化	
0784171	Capacity Development for the trade promotion between Central America and Asia	374
	中米・アジア貿易振興のためのキャパシティ・ディベロップメント	
0784195	Capacity Development of Host Countries of CDM/JI for Southeast European and CIS countries.....	548
	南東欧・CIS地域京都メカニズム能力開発	
0780738	Cardiovascular Diseases	131
	循環器病対策	
0780714	Cattle Artificial Insemination Extension System.....	426
	牛人工授精普及システム	
0784251	CBR Promotion in the Middle East	253
	中東地域CBR事業促進	
0780026	Chemical Management Policy	523
	化学物質管理政策研修	
0780911	Child Health and Welfare Workshop	166
	母子保健福祉研修	
0784119	Cleaner Production in Process Industries for Latin American Countries (for Managers and Engineers of Process Industries).....	546
	中南米地域 プロセス工業におけるクリーナープロダクション	
0780825	Clinical Course in Urology for General Surgeons.....	133
	外科医のための泌尿器科臨床研修	
0780961	Clinical Laboratory Technology	139
	臨床検査技術	
0784015	Clinical Laboratory Technology for Francophone African Countries	122
	仏語圏アフリカ臨床検査技術	
0780813	Clinical Medicine and Research for Tropical Doctors.....	152
	熱帯地の医師のための臨床医学と研究	
0780863	Coastal Fisheries Resource Management	470
	沿岸漁業資源管理	
0780975	Coastal Fishing Technique for Sustainable Resource Use	471
	持続可能な沿岸漁業	
0784183	Collaboration between Local Governments and Civil Society Organizations for Asia	215
	アジア地域地方自治体と市民社会の協働	
0784034	Collection and Analysis of Official Economic Statistics for Central Asian Countries.....	223
	中央アジア地域官庁経済統計の収集及び解析	
0780783	Colloquium on Urban Public Transport.....	281
	都市公共交通コロキウム	
0784220	Community based Disaster Prevention in Middle East - Introduction of Kobe's Efforts	194
	中東地域防災福祉コミュニティ	

0784199	Community Development through Decentralization in the Andes Region	217
	アンデス地域における地方分権化を通じた地域開発	
0784248	Community Empowerment through Safe Water Management for Arid Regions in French Speaking Africa..	176
	仏語圏アフリカ 乾燥地域 村落飲料水管理	
0784235	Community Health Administration for Improvement of Regional Disparity in Anglophone Africa.....	123
	英語圏アフリカ地域地域格差是正のための保健行政システム改善	
0780794	Community-Based Cancer Prevention for Asia & Pan Pacific Countries	126
	アジア・環太平洋諸国地域がん予防対策	
0784038	Community-based Fisheries Diversification in Pacific Small Island States	472
	大洋州地域 島嶼国漁村主導型水産業多様化促進	
0784127	Community-Based Maternal and Child Health for African Countries	163
	アフリカ地域 地域母子保健行政	
0780948	Comprehensive Bridge Engineering	285
	橋梁総合コース	
0780947	Comprehensive City Planning.....	500
	都市計画総合	
0780999	Comprehensive Disaster Risk Management.....	197
	総合防災行政	
0784219	Comprehensive Strategy for Recovery from Natural Disasters for Middle East: Lessons Learned from the Great Hanshin-Awaji Earthquake Case	193
	中東地域自然災害からの復興戦略～阪神・淡路大震災現場からの教訓	
0780782	Comprehensive Urban Transportation Planning and Project.....	280
	総合都市交通計画・プロジェクト	
0780226	Comprehensive Waste Management Technique	544
	廃棄物管理総合技術	
0780012	Computer (CIO (Chief Information Officer) for E-Government Promotion (A)).....	296
	コンピュータ (電子政府推進のための情報化戦略責任者 (C I O) (A))	
0780013	Computer (CIO (Chief Information Officer) for E-Government Promotion (B))	297
	コンピュータ (電子政府推進のための情報化戦略責任者 (C I O) (B))	
0780014	Computer (Client Server Application Specialist for E-Government Promotion).....	298
	コンピュータ (電子政府推進のためのクライアントサーバアプリケーションスペシャリスト)	
0780016	Computer (Database Specialist for E-Government Promotion)	299
	コンピュータ (電子政府推進のためのデータベーススペシャリスト)	
0780017	Computer (Network Specialist for E-Government Promotion (A)).....	300
	コンピュータ (電子政府推進のためのネットワークスペシャリスト (A))	
0780018	Computer (Network Specialist for E-Government Promotion (B)).....	301
	コンピュータ (電子政府推進のためのネットワークスペシャリスト (B))	
0780019	Computer (Project Manager for E-Government Promotion (A)).....	302
	コンピュータ (電子政府推進のためのプロジェクトマネージャー (A))	
0780020	Computer (Project Manager for E-Government Promotion (B))	303
	コンピュータ (電子政府推進のためのプロジェクトマネージャー (B))	
0780021	Computer (Security Specialist for E-Government Promotion)	304
	コンピュータ (電子政府推進のためのセキュリティスペシャリスト)	
0780023	Computer (Web Application Specialist (Open Source) for E-Government Promotion (A))	306
	コンピュータ (電子政府推進のためのWebアプリケーションスペシャリスト(オープンソース系) (A))	

0780024	Computer (Web Application Specialist (Open Source) for E-Government Promotion (B)).....307 コンピュータ(電子政府推進のためのWebアプリケーションスペシャリスト(オープンソース系)(B))	307
0780022	Computer (Web Application Specialist (Vender) for E-Government Promotion).....305 コンピュータ(電子政府推進のためのWebアプリケーションスペシャリスト(ベンダー系))	305
0780886	Computerized Machine Control for Mechanical Automation-Essentials for Cleaner Production-547 コンピューターによる機械制御-クリーナープロダクションのための高度設備システムの構築	547
0780015	Conservation and Sustainable Management of Mangrove Ecosystems454 マングローブ生態系の持続可能な管理と保全	454
0780865	Conservation, Restoration and Wise-Use of Wetland Ecosystems and Their Biological Diversity463 湿地における生態系・生物多様性とその修復・再生及び賢明な利用	463
0784006	Construction and Designing of Sound Material Cycle Society for Asian Countries541 アジア地域循環型社会の構築	541
0780708	Construction Equipment and Mechanized Construction Management.....495 建設機械及び建設施工監理	495
0784133	Control de Desastres.....192 中米防災対策	192
0780051	Coordinator Training for Tertiary Education-Industry-Government Link to Develop Automobile Supporting Industries369 自動車裾野産業育成のための産官学連携コーディネータ養成	369
0780778	Copyright Systems Development.....395 著作権制度整備	395
0780804	Corruption Control in Criminal Justice229 汚職防止刑事司法支援	229
0784098	Creating Knowledge-based Management for Asia: Synthesizing East and West.....77 アジア地域知識経営創造セミナー	77
0780972	Crime Prevention (Administration of Criminal Justice)231 犯罪防止(刑事司法)	231
0780973	Crime Prevention (Senior Seminar)232 犯罪防止(上級)セミナー	232
0780971	Crime Prevention (Treatment of Offenders).....230 犯罪防止(矯正保護)	230
0784048	Criminal Justice for Central Asia.....228 中央アジア地域刑事司法研修	228
0784191	Criteria & Indicators (C&I) and Forest Certification for Pan-Pacific Countries453 環太平洋地域 C&I・森林認証	453
0784208	Cross Border Transport Infrastructure for Mekong Region countries.....272 メコン地域クロスボーダー交通インフラ	272
0780931	Customs Administration214 税関行政	214

D

0780816	Dental Education.....133 歯学教育	133
---------	----------------------------------	-----

0780800	Detection Technology of Pathogens for Food Animals.....	429
	畜水産物生産現場における病原体検査技術	
0780199	Development Farm Machinery for Small-Scale Farmers.....	424
	小規模農家用適正農機具開発普及	
0780044	Development of Comprehensive Assistance System for Victims.....	265
	総合的被害者支援システムの開発	
0780884	Development of Laboratory Diagnosis of Resistant Microbes -General Microbiology Applied to Clinical Laboratory-	153
	薬剤耐性病原体の実験室診断	
0780572	Development of Strategies on Climate Change.....	550
	地球温暖化対策コース	
0780901	Development Policies.....	213
	開発政策	
0780855	Digital Video Production for Education and Dissemination	310
	教育・普及活動のためのデジタルビデオ教材制作	
0784185	Disaster Management and Preparedness in Southeast European Countries.....	192
	南東欧地域 防災対策	
0780221	Disaster Mitigation, Preparedness and Restoration for Infrastructure.....	195
	インフラ施設の自然災害に対する抑止・軽減対策及び復旧対策	
0784005	Disaster Prevention in School for Asian Countries	190
	アジア地域防災教育研修	
0784047	Disaster Prevention Management for Central Asia and Caucasus	190
	中央アジア・コーカサス地域防災行政	
0780876	Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide.....	187
	火山学・総合土砂災害対策	
0780990	Distribution of Fisheries Products (focused on wholesale markets).....	447
	生鮮食料品流通（水産物）	
0780006	Domestic Waste Water Treatment Techniques	535
	生活排水対策	
0780965	Drug Abuse Prevention Activities	140
	薬物乱用防止啓発活動	

E

0784053	Early Childhood Education in Central and Western Africa.....	87
	中西部アフリカ地域 幼児教育	
0780827	Economical Planning and Operation for Electric Power Transmission.....	332
	電力輸送効率化	
0784232	Eco-Tourism and Strategic Regional Development for Eastern Europe.....	508
	東欧地域エコツーリズムと戦略的地域振興	
0784010	Education for Children with Disabilities for South American Countries	105
	南米地域 障害児教育	
0784040	Education in Japan: Applying Japan's Experience to Developing Countries for Latin American Countries....	100
	中南米地域 日本の教育経験	

0780074	Effective Use of Industrial Water and Re-use of Waste Water.....	536
	工業用水使用合理化及び廃水再生利用	
0784198	Electric Power Forum for Asia.....	325
	アジア電力フォーラム	
0780889	Empowerment of Rural Women.....	486
	農村女性能力向上	
0784212	Endogenous Regional Economic Development Utilizing Local Resources for Central Asia.....	506
	中央アジア地域地域資源を活かした内発的地域経済開発研修	
0780315	Energy Efficiency and Conservation.....	335
	省エネルギー	
0780049	Energy Policy.....	329
	エネルギー政策	
0780944	Engineering on Water Supply Systems.....	183
	上水道施設技術	
0780571	Enhanced Mechatronics Technology for VET Instructors.....	99
	メカトロニクス指導技術	
0784172	Enhancement of Governance for building Peace in Sub-Sahara Africa.....	245
	サブサハラ・アフリカ地域平和構築としてのガバナンス強化	
0784049	Enhancement of Water Users' Associations for Central Asia and Caucasus.....	409
	中央アジア・コーカサス地域水利組合強化	
0780895	Enterprise Networking Regional Development.....	367
	企業ネットワークによる中小企業振興	
0780007	Environmental Administration with Community Participation.....	535
	住民との協働による環境都市づくり	
0784114	Environmental and Social Considerations in Oceania.....	551
	大洋州地域環境社会配慮	
0780798	Environmental Conservation Measure in Construction Project.....	498
	建設事業における環境保全対策	
0780991	Environmental Education Focused on Fresh Water Environment -For Tertiary Level Teaching Staff-.....	556
	水環境を主題とする環境教育	
0780031	Environmental Education for Sustainable Development-Conservation of Coastal Ecosystems for Lives of Local Communities-.....	455
	持続可能な開発のための環境教育－沿岸生態系と住民生活の保全－	
0780759	Environmental Education Through a Nature Experience.....	107
	自然体験を通じた環境教育トレーニング	
0780936	Environmental Impact Assessment for ODA Project.....	554
	ODAにおける環境影響評価	
0780765	Environmental Management of Regional Drainage Basin.....	457
	地域流域環境管理	
0784168	Environmental Management -Pollution Control- for Southwest Asia.....	521
	南西アジア地域 公害防止行政	
0780982	Environmental Management Technology in Chemical Industries.....	555
	化学産業における環境管理技術	
0780992	Environmental Policy and Environmental Management System.....	527
	環境政策・環境マネジメントシステム	

0784111	Environmental Protection and Management of Mining areas in the Balkan Countries	552
	バルカン地域 鉱山地域における環境保護・管理	
0784138	Environmental Protection Technology and Management against Air Pollution	528
	日韓共同 大気環境保全管理	
0780938	Environmental Radioactivity Analysis and Measurement Technique	555
	環境放射能分析・測定技術	
0780768	Executives' Seminar on Public Works and Management.....	493
	国土技術マネジメント幹部セミナー	
0784011	Extension Methodologies of Organic Agricultural Techniques for Small Scaled Farmers for Central America and Caribbean countries	417
	中米・カリブ地域 小規模農民支援 有機農業技術普及手法	

F

0784177	Facilitating Trade and Investment in Indian-rim Economic Region.....	375
	アフリカ環インド洋経済圏貿易投資促進	
0784108	Financial Policy for Central Asia and Caucasus Region	341
	中央アジア・コーカサス地域財政政策	
0780814	Fire Fighting Techniques	198
	消火技術	
0784064	Flood Hazard Mapping for Asian Countries.....	185
	アジア地域 洪水ハザードマップ作成	
0780227	Food Processing and Preservation Technology	444
	食品加工・保全技術	
0780039	Food Sanitation Administration	129
	食品保健行政	
0780849	Foreign Trade Development	381
	貿易促進	
0780919	Forest Management Through Coexistence.....	459
	共生による森林保全	
0780970	Forest Watershed Environment, Soil and Water Conservation Technology	457
	森林流域環境、水土保全技術	
0780053	Formulation of Environmental Standards and Regulations.....	523
	環境汚染規準・規制策定手法	
0784103	Forum on Institutionalization of Evaluation System.....	81
	評価制度フォーラム	
0780906	Future Health Planning based on Health Forecasting Method	136
	将来予測に基づく保健医療政策立案	

G

0780976	Gender Mainstreaming in Fishing Community Development.....	487
	漁村開発におけるジェンダー主流化	

0780764	General Management for Regional Development and Planning II.....	510
	地域開発計画管理Ⅱ	
0784187	Geological Mapping and Mineral Information Management for Africa.....	336
	アフリカ地域地質・鉱物資源情報整備	
0780987	GIS(Geographic Information System) Technology for Sustainable Management of Natural Resources and Agricultural Production.....	414
	G I S (地理情報システム) による天然資源・農産物の管理	
0780874	Global Mapping: Contribution to Global Mapping Development by GIS.....	511
	地球地図作成技術：地球地図整備に貢献することを目指した地理情報システム	
0780887	Global Seismological Observation.....	189
	グローバル地震観測	
0780896	Group Training Course on Competition Policy and Law.....	342
	競争法・政策研修	

H

0780918	Hazard Analysis Management for Animal Food.....	447
	畜産食品の危害リスク管理	
0784209	Hazardous Waste Management and Appropriate Disposal for Asia	546
	アジア地域有害廃棄物管理・適正処理	
0780823	Health and Environmental Technologists.....	153
	衛生環境分析技術者	
0780960	Health Systems Management.....	127
	保健衛生管理	
0780986	Heat Treatment and Metal Finishing Technology for Improving Metal Property	386
	材料性質改善処理技術	
0780224	Heavy Metal and Other Hazardous Substance Pollution Control	552
	環境中の有害汚染物質対策	
0780959	Hospital Administration and Health Services Management	139
	病院管理技術とヘルスサービスマネージメント	
0784043	Hospital Administration for Latin American Countries.....	119
	中南米地域 病院管理	
0780010	Hospital Management.....	128
	病院経営・財務管理	
0784056	Hospital Management for Southeast European Countries.....	125
	南東欧地域 病院運営	
0780873	Hospital Pharmacy	136
	病院薬学	
0784192	Human Resource Development in the field of Maternal and Child Health in Francophone Africa.....	164
	仏語圏アフリカ地域 母子保健人材育成	
0784186	Human Resource Development in the Field of Social Welfare for Oceania	251
	大洋州地域障害者福祉人材育成	
0780757	Human Resources Development in the Field of Maternal and Child Health.....	167
	母子保健人材育成	

0780939 Hydro-Electric Power Engineering for Stable and Sustainable Supply (for Electric / Mechanical Engineers).....333
安定供給型水力発電

I

0780952 ICT Executives' Seminar (Broadcasting).....315
I C T 幹部セミナー (放送)

0780996 Immigration Control Administration (Asian Countries).....209
出入国管理行政 (アジア諸国)

0784204 Implementation of WTO Agreements in Central and South America.....373
中南米地域WTO協定の履行支援

0784194 Improvement and Modification of Agricultural Machinery for Africa.....419
アフリカのための農業機械改良技術

0784086 Improvement in the Capability for using Aid for Central Asia and Caucasus Region.....73
中央アジア・コーカサス地域 援助活用能力向上

0784044 Improvement of Blood Screening for Central American Countries.....149
血液スクリーニング検査向上 (中米地域)

0780950 Improvement of Housing and Living Environments.....501
住宅・住環境改善

0784228 Improvement of Public Health for Reconstruction in the Middle Eastern countries121
中東地域復興における公衆衛生改善

0780054 Improvement of Regional Disparity on Basic Education.....104
基礎教育における地域格差是正

0784016 Improvement of School Management in Sub-Saharan Africa.....90
サブ・サハラアフリカ地域における学校運営改善

0784211 Improvement of TVET Management with public-private partnership (PPP) for BMENA Countries.....96
拡大中東・北アフリカ (BMENA) 諸国産業技術教育・職業訓練における官民連携

0780881 Improvements of Implementation on Security Exports Controls in Asia379
アジアにおける輸出管理運用技術向上

0780041 Improving Teaching Methods in Science and Mathematics in Primary Education92
初等理科教授法

0780941 Industrial and Commercial Statistics for East Asia and ASEAN Countries394
産業統計 (東アジアおよびアセアン諸国)

0784021 Industrial Pollution Control Management for Middle Eastern Countries551
中東地域産業環境対策

0780891 Industrial Technology Education109
産業技術教育

0780815 Industrial Wastewater Treatment Techniques538
産業廃水処理技術

0780713 Information Management for Maritime Activity and Disaster Prevention (Internationally Accredited
Category B Course for Hydrographic Survey).....274
海洋利用・防災のための情報整備

0784113 Information Network Designing for Pacific Countries.....294
大洋州地域 ネットワーク設計者養成

0780047	Infrastructure for Agricultural and Rural Development	442
	農業農村開発のためのインフラ整備	
0780211	Integrated Agriculture and Rural Development Through the Participation of Local Farmers	443
	農民参加による農業農村開発	
0784223	Integrated Arsenic Mitigation for Asian countries	184
	アジア地域総合的砒素汚染対策	
0780988	Integrated Basin Management for Lake Environment	539
	湖沼環境保全のための統合的流域管理	
0780810	Integrated Pest Management for Plant Protection	430
	植物保護のための総合防除	
0780851	Integrated Water Resources and Environmental Management in Arid Regions	180
	乾燥地における統合的水資源・環境管理	
0780839	Integrated Water Resources Management	177
	統合的水資源管理	
0784233	Integrated Water Resources Management for Middle East	175
	中東地域統合的水資源管理	
0780956	Intellectual Disability in Community Activity	259
	地域活動としての知的障害者支援	
0780736	Intellectual Property for APEC Economies	394
	APEC 知的財産権	
0780993	Intellectual Property Rights	381
	国際知的財産権	
0784173	Intellectual Property Rights in Africa	392
	アフリカ地域知的財産権	
0780898	Intensive Course on Museology	108
	博物館学集中コース	
0784234	International Contract Administration for Asia	208
	アジア地域国際契約マネジメント	
0780048	International Forensic Seminar on Image Processing	236
	画像処理に関する国際法科学セミナー	
0780977	International Maritime Conventions and Ship Safety Inspection	272
	海事国際条約及び船舶安全検査	
0784182	International Seminar on Civil and Commercial Law -Corporate governance focused on nonmarket governance-	390
	国際民商事法Ⅲ「コーポレートガバナンス－非市場型ガバナンス」(CLMV 諸国)	
0780845	International Seminar on Taxation (General Course)	212
	国際税務行政セミナー (一般コース)	
0780846	International Seminar on Taxation (Senior Course)	209
	国際税務行政セミナー (上級コース)	
0784203	International Taxation for Asia	349
	アジア地域国際課税	
0780197	Internet Applied Technology	308
	インターネット適応技術	
0780799	Introductory Gene Manipulation and Bioinformatics for Agriculture	429
	農業生産のための遺伝子操作技術とバイオインフォマティクス	

0780730 Nuclear Power Generation Infrastructure course	326
原子力発電基盤整備計画	
0780002 IP Backbone Network Technologies	295
I P 伝送路網の構築・監視技術	
0780052 IP Network Technician for E-Government Promotion	308
電子政府推進のためのIPネットワーク技術者育成 (A)	
0780923 Irrigation and Drainage for Rural Development	435
かんがい排水・農村開発	
0780890 Irrigation Water Resources in Arid & Semi-Arid Region and E.I.A. for Sustainable Development	180
乾燥地水資源の開発と環境評価	
0784094 IT human resource development program for Southwest Asian Countries	293
南西アジア地域 IT人材育成	

J

0780805 JICA-NGO Partnership Training Course on Participatory Community Development for Practitioners	443
J I C A - N G O 連携による実践的参加型村落開発	

L

0780739 Laboratory Diagnosis Techniques for Global Polio Eradication	150
世界ポリオ根絶のための実験室診断技術	
0780957 Latest Cancer Diagnosis and Treatment	138
最新のがんの診断と治療	
0780989 Leadership Development for Information Systems Promotion	318
情報化推進のためのリーダー育成	
0780430 Leadership Development of Persons with Disabilities	258
障害者リーダー育成コース	
0780030 Leadership Training for Deaf Persons	256
聾者のための指導者	
0784245 Leadership Training for Women Through Rural Life Improvement (by Kaizen) for Central and South America	481
中南米地域農村部生活改善を通じた女性のリーダーシップ育成	
0780985 Lifestyle-Related Diseases Prevention	141
生活習慣病予防対策	
0780932 Local Governance (Policy Making and Civil Society)	219
地方自治研修	
0784175 Local Governance for African Countries	218
アフリカ地域地方行政	
0780994 Local Government Administration and Public Services (Participatory Local Development)	222
地方自治体行政 (参加型地域開発)	
0780900 Low Input Agricultural Management System	434
低投入型農業生産管理システム	

M

0784050	Mainstreaming and Empowerment of Persons with Disabilities in Africa	254
	アフリカ地域障害者の地位向上	
0780885	Maintenance Management for Cleaner Production.....	547
	クリーナープロダクションのための保安全管理	
0784215	Maintenance of Refrigeration System for Caribbean countries	475
	カリブ地域冷凍機保守	
0780011	Management and Conservation of Coral Reef Ecosystem in Asia Pacific Region	462
	サンゴ礁生態系の保安全管理（アジア・太平洋地域）	
0780756	Management for Eco-Tourism and Sustainable Use of Natural Park.....	456
	自然公園の管理・運営と利用（エコツアー）	
0780027	Management of Human Capacity Development Programs	106
	人材育成プログラム運営	
0784118	Management of Medical Service in Disaster for Andean countries	191
	アンデス地域災害医療マネジメント	
0784184	Management of Urban Water System for Southeast European Countries.....	177
	南東欧地域 都市上下水道事業管理	
0780734	Management on Trade and Investment Insurance	379
	貿易保険制度運用	
0784104	Manufacturing Technology and Production Management System for Southeast Asian Countries	383
	東南アジア地域ものづくり基盤技術研修	
0780822	Marine Environment Protection for Senior Officials in the Maritime Authorities and Law Enforcement Authorities	525
	海事及び法令執行機関における上級職員のための海洋環境保全	
0780809	Maritime Education and Training for Safety Management(Engineering)	278
	海事安全教育訓練（機関）	
0780743	Maritime Education of Advanced Information Technology (Navigation)	277
	情報技術応用海事教育（航海）	
0784023	Maritime Law Enforcement for East Asian Countries	233
	東アジア海上犯罪取締り	
0780807	Maritime Search and Rescue and Disaster Prevention Course for Policy Planners	275
	海難救助・海上防災	
0784013	Maternal and Child Health Promotion Based on Community in Central and South America	157
	地域母子保健強化（中南米）	
0784037	Mathematics Education in Primary and Secondary School in Pacific Small Island States	89
	初等中等算数・数学教育向上（大洋州地域）	
0780215	Measures Against Urban Environmental Problems	524
	都市生活型の環境問題	
0784131	Medical Equipment and Maintenance for Central and South America	121
	中南米地域医療機材管理・保守	
0780998	Medical Staff Training Course	140
	医療技術スタッフ練成コース	

0784139	Mental Health Service after Disasters in Asia	191
	アジア地域災害後のメンタルヘルスサービス	
0780780	Meteorology	189
	気象学	
0780808	Microbial Inspection for Food Safety	446
	食品微生物検査技術	
0780892	Mitigation Strategy for Mega-Urban Earthquake Disaster	196
	大都市地震災害軽減のための総合戦略	
0780934	Modules on Fundamental Official Statistics	226
	統計モジュール	
0780788	Motor Vehicle Inspection and Maintenance System	281
	自動車検査整備制度	
0784217	Museum Training for Middle Eastern Region.....	389
	中近東地域博物館研修	
0780001	Mycotoxin Inspection in Food	445
	マイコトキシン検査技術	
N		
0780980	National and Regional Development Policy.....	502
	国土・地域開発政策	
0780123	Natural Disaster Mitigation.....	195
	自然災害防災研究	
0784243	Necessary Policy Measures and Reform Strategies for Financial System Stability in NIS Countries.....	347
	N I S 地域金融システム安定化政策と改革戦略	
0784163	NEPAD Programme on Technical Assistance for Infrastructure (Concrete Structure Maintenance).....	507
	NEPAD インフラ支援 (コンクリート構造物メンテナンス)	
0780953	Networking of Rural Community Information Infrastructure	316
	村落情報化基盤整備手法	
0780818	Nondestructive Inspection Technique for Quality Management & Plant Asset Management.....	385
	非破壊検査技術	
0784181	Non-life Insurance System Development for Indochina Countries	373
	インドシナ地域損害保険制度整備	
0780229	Non-Revenue Water Management.....	178
	上水道無収水量管理対策	
0784247	Nurse Education for Africa	124
	アフリカ地域看護教育	
0780255	Nursing Management	130
	看護指導者育成	
0784107	Nursing Management of Maternal and Child Health for African Countries	161
	アフリカ母子保健看護管理	

0

0780005 Occupational and Environmental Health Management for Sustainable Development.....	260
持続可能な発展のための職業環境保健マネジメント	
0780222 Occupational Disease Prevention and Working Environment Improvement.....	261
職業病防止と作業環境	
0780769 Occupational Safety Management in Construction Industry.....	264
建設業における労働安全管理	
0780862 OISCA Rural Life Improvement and Rural Development for Women.....	483
オイスカ農村女性の生活改善と村づくり研修	
0780035 Operating Management of Earthquake-Tsunami-Volcano Eruption Observation System.....	188
地震津波火山観測システムの運用・管理	
0780762 Operation & Maintenance of Sewerage Facilities.....	536
下水道維持管理	
0780870 Operation and Maintenance of Urban Water Supply Systems.....	182
都市上水道維持管理	
0780196 Operation of Understanding on Rules and Procedures Governing the DSU, WTO Agreement.....	380
W T O協定・紛争解決了解の運用	
0780946 Optical Fiber Cable Technologies.....	314
光ファイバーケーブル	
0780724 Organic Agriculture Technology for Environment Conservation.....	427
環境保全型有機農業技術	
0784046 Organizing Farmers and Roles of Agricultural Cooperatives for Central Asian Countries.....	408
中央アジア地域 農民組織化と農協の役割	

P

0784116 Participatory Irrigation Management System for Paddies for Asian Countries.....	416
アジア地域 農民参加型用水管理システム	
0780984 Participatory Local Social Development: Project Planning and Management.....	509
参加型地域社会開発のプロジェクト計画・管理	
0780727 Participatory Local Social Development: Theories and Practices.....	509
参加型地域社会開発の理論と実践	
0784125 Participatory Rural Development for the Establishment of the Central America Network.....	436
中米・カリブ地域 住民参加型農村開発のプロジェクト運営管理	
0780025 Pasture Based Livestock Farming Development.....	422
草地畜産開発	
0780843 Planning & Management of Eco-tourism in Tropical and Subtropical Area.....	458
熱帯・亜熱帯地域におけるエコツーリズム企画・運営	
0780859 Planning & Management of the Conservation of Historic Townscape.....	108
町並み保全の手法と運営	
0780046 Planning and designing of Agricultural Statistics for Agricultural Policy Making.....	410
農業政策立案のための農業統計企画・設計	

0780922	Planning and Management of National Mapping and Surveying	512
	国家測量事業計画・管理	
0780852	Planning of Fisheries Community Development.....	473
	漁業コミュニティ開発計画	
0780983	Plant Engineering and Technical Standard for Refineries, Chemical and Fossil Power Plants.....	334
	石油、化学及び火力発電プラントの設備管理と技術基準	
0784022	Plant Quarantine (Mekong Region)	415
	植物検疫（メコン地域）（19年度休止）	
0780824	Plant Quarantine(Thermal Treatment for the Disinfestation of Fruit Flies) II.....	430
	植物検疫（ミバエ類殺虫技術）II	
0780924	Plant Variety Protection	412
	植物品種保護	
0784179	Post-Conflict Educational Reconstruction and Development in Africa	102
	アフリカ紛争後復興期における教育開発	
0780772	Post-Harvest Rice Processing.....	446
	米の収穫後処理技術	
0780826	Poultry Production and Management Technology	431
	鶏飼養管理・生産技術	
0784008	Power Sector Development for Central Asia and Caucasus Region.....	325
	中央アジア・コーカサス地域 電力セクター開発	
0784205	Practical Approach for International Trade in APEC countries	378
	APEC地域国際貿易のための実践的アプローチ	
0780968	Practical Case Studies on Sustainable Forest Management.....	459
	持続可能な森林経営の実践活動促進	
0780842	Practical Corporate Management for Productivity Improvement	370
	生産性向上のための実践的経営管理	
0784221	Practical Production Management (Theory and Practice on Productivity Improvement) for South America.....	391
	南米地域生産性向上実践技術	
0784035	Practical Seminar on Investment Promotion for South-Eastern Europe	377
	南東欧地域実践的投資促進セミナー	
0780004	Practice of Science Education for Secondary School	93
	中等科学教育実技	
0780351	Prevention of Cultured Fish Disease and Fish-Borne Disease	474
	養殖魚の健康と安全管理	
0780028	Private Sector Initiative in Public Service.....	398
	公共サービスにおける民間資金・ノウハウの活用	
0784041	Production Management for Southeast European countries	365
	南東欧地域 生産管理	
0784110	Project Formulation for Regional Development Focused on Human Security for Southeast Asian Countries	505
	東南アジア地域 人間の安全保障を重視した地域開発プロジェクト形成	
0780230	Project Management and Evaluation for Civil Engineers in Public Works	495
	公共事業の計画・管理・評価	
0784188	Promoting Forest Ecotourism to Revitalize Regional Economies in Africa.....	453
	アフリカ地域 森林エコツーリズムの推進による地域経済活性化プログラム	

0784213	Promotion and Support of New Venture for Central and South America.....	359
	中南米地域起業・新規事業支援研修	
0780841	Promotion of Enabling Environment for Civil Society and Community Development.....	221
	市民社会活動の促進とコミュニティ開発	
0784237	Promotion of Non-formal Education for Asia.....	95
	アジア地域ノンフォーマル教育拡充	
0780958	Promotion of Social Participation of Persons with Disabilities through Sports.....	260
	障害者スポーツを通じた社会参加	
0780321	Prosthetic and Orthotic Technique.....	257
	補装具製作技術	

R

0780897	Radio Regulatory Administration.....	313
	電波監理行政	
0780951	Railway Management.....	283
	鉄道経営	
0784244	Realization Analysis of Population Statistics for South America.....	224
	南米地域人口統計実務・分析	
0784045	Regional Development for Central Asian Countries.....	504
	中央アジア地域 地域開発セミナー	
0784222	Regional Development Promotion for ASEAN countries -One Village One Product-.....	507
	アセアン地域地域産業振興研修	
0784216	Regional Industrial Development by PPP for Central America.....	360
	中米地域官民パートナーシップによる産業振興	
0780917	Regional Measures and Methods for Pollution Control for Environmental Engineers.....	526
	地域環境保全対策と技術	
0784176	Regional ODA Seminar for Africa.....	74
	アフリカ地域国際協力セミナー	
0784025	Regional Workshop on Avian Influenza Control for Asian Countries.....	415
	アジア地域 鳥インフルエンザ防除対策ワークショップ	
0780781	Regulation and Type Approval System for Safety and Environmental Protection of Motor Vehicle.....	279
	自動車の環境・安全に関する基準・認証制度	
0784210	Rehabilitation of degraded lands in Asia and Africa.....	464
	アジア・アフリカ地域荒廃地の植生回復	
0780776	Remote Sensing Technology(Upper Elementary to Intermediate Level).....	295
	リモートセンシング技術(初級上-中級レベル)	
0780342	Rescue Techniques.....	237
	救急救助技術	
0780034	Research on Biomass Technology.....	328
	バイオマス有効利用技術	
0780729	Research on Environment Technology.....	553
	環境調和技術	
0780749	Research on Forest Environment and Resources.....	456
	森林環境・資源研究	

0780045	Research on Standards, Measurements, Evaluation and Geosciences for Industry	396
	産業・社会知的基盤技術	
0780866	Research on Veterinary Technology	434
	獣医技術研究	
0784137	Restoration of Freshwater Environment by Eco-sound Technology	533
	淡水環境修復（日韓共同研修）	
0780771	Rice Research Techniques.....	428
	稲研究	
0780811	Risk Assessment and Monitoring for Environmental Chemicals.....	554
	環境負荷化学物質の分析技術及びリスク評価	
0780766	River and Dam Engineering.....	179
	河川及びダム工学	
0780216	Road Engineering and Administration	276
	道路技術	
0784002	Rural Development for Small-Scale Farmers Through the Agricultural Cooperatives Activity in Asia.....	407
	農業協同組合活動を通じた農村振興（アジア地域）	
0784174	Rural Development in African countries	437
	アフリカ地域農村開発	
0784249	Rural Development through Promoting Small Herbivorous Animal's Husbandry for Africa	440
	アフリカ地域小型草食家畜生産を通じた農村開発	

S

0784239	Safe Motherhood Midwifery Course for Asia	156
	アジア地域安全な出産のための助産師研修	
0780945	Satellite Communications Engineering	314
	衛星通信技術	
0780038	School Health.....	91
	学校保健	
0784231	School Management Development for Central and South America.....	101
	中南米地域学校運営改善	
0784230	Science and Mathematics Education Improvement for Middle East	89
	中東地域小学校理科数科教育改善	
0784009	Science Experiment in Primary Education (Southwest Asian Countries).....	88
	小学校における理科実験教育（南西アジア諸国）	
0780888	Secondary Education Development.....	94
	中等教育開発	
0780875	Seismology, Earthquake Engineering and Disaster Mitigation	188
	地震・耐震・防災工学	
0780893	Seminar for Foreign Senior Police Officers	241
	上級警察幹部セミナー	
0780741	Seminar for Health Policy Development.....	131
	保健衛生政策向上セミナー	
0780835	Seminar for JBIC's Official Financial Cooperation.....	76
	公的資金協力セミナー	

0780029 Seminar for Local Government Officer on Private Sector Development	219
地方自治体による民間産業の活性化セミナー	
0780838 Seminar for ODA Loan in Environmental Improvement and Anti-Pollution Measures.....	76
環境改善・公害対策融資セミナー（円借款事業連携）	
0780748 Seminar for Promotion of Gender Equality III.....	485
男女共同参画推進セミナーIII	
0784029 Seminar on Administration for Rural/Regional Development: One Village, One Product Movement for ASEAN Countries.....	503
ASEAN地域振興行政セミナー（一村一品運動）	
0780840 Seminar on Agricultural and Rural Development.....	432
農村振興セミナー	
0780400 Seminar on Air Traffic Management	273
航空交通管理セミナー	
0780878 Seminar on Airport Engineering Policy	275
空港技術・政策セミナー	
0780318 Seminar on Aviation Security	273
航空保安セミナー	
0780744 Seminar on CNS Technology	274
航空通信・航法・監視（CNS）技術セミナー（19年度休止）	
0780974 Seminar on Comprehensive Solid Waste Management.....	545
廃棄物総合管理セミナー	
0780837 Seminar on Consequence and Crisis Management of Chemical and Biological Terrorism	235
アジア・大洋州地域諸国に対する生物テロ被害対処及び危機管理セミナー（19年度休止）	
0780820 Seminar on Control of AIDS and ATL.....	143
AIDS／ATLの疫学及び対策セミナー	
0780706 Seminar on Control of Drug Offences	238
薬物犯罪取締セミナー	
0780963 Seminar on Criminal Investigation	242
国際捜査セミナー	
0780979 Seminar on Development and Application of Construction Engineering	502
建設技術の開発・応用セミナー	
0784218 Seminar on Development and Promotion of SMEs in South-Eastern Europe.....	366
南東欧地域中小企業振興セミナー	
0780943 Seminar on Economic Development Policies -Strategy for Sustainable Growth-.....	343
経済政策セミナー	
0780796 Seminar on Emergency/Disaster Medicine.....	132
救急・大災害医療セミナー	
0780869 Seminar on Enhancement of Vocational Training	100
職業訓練向上セミナー	
0780880 Seminar on Epidemiology and Control Measures of Vaccine Preventable Diseases - Polio End game -.....	147
ワクチン予防可能疾患の疫学及び対策セミナー ～ポリオ、麻疹、B型肝炎対策及び新ワクチン導入～	
0784160 Seminar on Epidemiology and Control Measures of Vaccine Preventable Diseases for French-speaking African Countries.....	146
仏語圏アフリカ地域ワクチン予防可能疾患の疫学及び対策セミナー	

0780833 Seminar on Evaluation of Japan's ODA Loan Projects.....	75
円借款プロジェクト評価セミナー	
0780853 Seminar on Financial System	348
金融制度強化セミナー	
0780723 Seminar on Gender Mainstreaming Policies for Government Officers	485
ジェンダー主流化政策のための行政官セミナー	
0780009 Seminar on Gender Perspective in Environment and Development	483
環境と開発と男女共同参画セミナー	
0780709 Seminar on Government Audit	211
政府会計検査セミナー	
0784162 Seminar on Government Audit System for Central Asian Countries.....	207
中央アジア地域 会計検査制度セミナー	
0780569 Seminar on Governmental Human Resource Management for Senior Officials	211
上級人事管理セミナー	
0780717 Seminar on How To Reduce Child Deaths and International Cooperation - In focus on Millennium Development Goals, No.4, 5 and 6 -.....	166
子どもの死亡削減と国際協力セミナー ～ミレニアム開発目標の達成をめざして～	
0780346 Seminar on Human Resource Development Administration	99
職業能力開発行政セミナー	
0780819 Seminar on Infectious Hepatitis, Its Epidemiology, Prevention and Treatment.....	152
肝炎の疫学とその予防、治療対策セミナー	
0780777 Seminar on International Terrorism Investigation	240
国際テロ事件捜査セミナー	
0780742 Seminar on Labour-Management Relations Policy Development	263
労使関係政策向上セミナー	
0780320 Seminar on National Government Administration for Senior Officials.....	210
上級国家行政セミナー	
0780937 Seminar on Ozone Layer Protection	530
オゾン層保護対策セミナー	
0780871 Seminar on Parasite Control Administration for Senior Officers II -A step Towards Primary Health Care- ...	135
国際寄生虫予防指導者セミナー	
0784017 Seminar on Police Administrative System for East African Countries.....	235
東部アフリカ警察行政セミナー	
0780737 Seminar on Police Info-Communications.....	239
警察情報通信セミナー	
0780718 Seminar on Policy of Industrial Safety and Health.....	262
労働安全衛生政策セミナー	
0784123 Seminar on Port Facility Security for ASEAN countries.....	271
アセアン地域港湾保安セミナー	
0780955 Seminar on Postal Service Management	317
郵便事業経営セミナー	
0780867 Seminar on Public Personnel Administration for Middle Level Officials.....	212
人事行政セミナー	
0780212 Seminar on Public Works Administration in Regional Government.....	494
地域土木行政セミナー	

0780949 Seminar on Road Administration.....	271
道路行政セミナー	
0780995 Seminar on Small & Medium Enterprise Development Policies	344
中小企業政策セミナー	
0780981 Seminar on Strategic Port Management	279
港湾戦略運営セミナー	
0784214 Seminar on Sustainable Human Security and Capacity Development for Asia	78
アジア地域「持続的な人間の安全保障とキャパシティ・ディベロップメント」セミナー	
0784170 Seminar on the International Cooperation for South and Central American Countries.....	73
中南米諸国対象国際協力セミナー	
0780209 Seminar on the Promotion of Education for Girls and Women.....	484
女性の教育推進セミナー	
0780345 Seminar on Training Management in Vocational Training Institutions.....	98
職業訓練管理セミナー	
0780930 Seminar on Women's Entrepreneurship Development Training for Leaders	482
女性起業家育成のための指導者セミナー	
0780033 Seminar: Educating Leaders of Communities for the Improvement of Women's Status and Quality of Life	484
女性の生活と地位向上に寄与するリーダーの養成	
0784164 Seminario para Fortalecer la Seguridad en los Paises Latinoamericanos.....	234
中南米地域治安対策強化セミナー	
0784018 Sewage treatment technique for Central and South America	533
中南米地域生活排水処理	
0780779 Sewage Works Engineering and Stormwater Drainage Technology	537
下水道技術・都市排水コース	
0780791 Shipping Administration	278
海運行政	
0784128 Small & Medium Enterprise Development Policy Making for Middle East Countries	362
中東地域を対象とした中小企業振興	
0784226 Small and Medium Enterprises / Local Industry Activation for South America.....	361
南米地域中小企業・地場産業活性化	
0784079 Small Enterprises Promotion for Southern African Countries.....	363
南部アフリカ地域中小企業育成	
0780860 Small-Scale Hydro Power and Clean Energy Power Engineering	332
小水力及びクリーンエネルギー発電技術	
0780850 Soil Diagnosis and Conservation.....	433
土壌の診断と保全コース	
0784224 Solid Waste Management for Southwest Asia - Discussion for Realizing the Improvement Measures -	542
南西アジア地域廃棄物管理－具体的改善策の策定に向けて－	
0784109 Stock Exchange Seminar for Asian Countries	345
証券取引所セミナー（アジア地域）	
0780336 Stock management and Enhancement in the Sea.....	474
海域における水産資源の管理及び培養	
0780964 Stop TB Action Training Course.....	144
ストップ結核アクション研修	

0784190	Strengthening of Local Education for SMASSE-WECSA for Sub-Saharan Africa	103
	サブサハラアフリカ地域 地方教育強化 (SMASSE-WECSA)	
0784206	Strengthening of Market Competitiveness of Agricultural Products in the African Countries	376
	アフリカ地域農産物輸出競争力強化	
0780913	Study Programme for Pharmaceutical Affairs Experts.....	137
	薬事行政官研修	
0780912	Study Programme for the Senior Social Insurance Administrators	252
	高級事務レベル社会保険行政研修	
0780907	Study Programme for the Senior Social Welfare Administrators.....	251
	高級事務レベル社会福祉行政研修	
0780910	Study Programme on Communicable Diseases Control.....	154
	感染症対策研修	
0780908	Study Programme on Drug Abuse and Narcotics Control.....	241
	麻薬行政官研修	
0780914	Study Programme on Manufacturing Control of Essential Drugs -GMP Course-	137
	必須医薬品製造品質管理研修 (GMP コース)	
0784130	Support for the Establishment of Neonatal Screening System for Congenital Hypothyroidism for Latin American Countries.....	158
	中南米地域 新生児マス・スクリーニング確立支援 (クレチン症)	
0780848	Sustainable Aquaculture Development.....	475
	持続的増養殖開発	
0784200	Sustainable community development by citizens' participation for West Balkan countries	522
	西バルカン地域市民参加による持続可能な地域づくりと環境保全	
0780882	Sustainable Development of Mining.....	336
	鉱山開発と持続可能な成長	
0780042	Sustainable Livestock Production System.....	423
	循環型家畜生産システム	
0780200	Sustainable Management of Irrigation and Drainage Project	425
	かんがい排水プロジェクトの持続的管理	
0780978	Sustainable Port Development and Planning.....	276
	港湾開発・計画	
0780036	Sustainable Rural Development	441
	持続的農村開発	
0784229	Sustainable Tourism Development in CARICOM.....	388
	カリコム持続可能な観光開発	
0784169	Sustainable Tourism Development in Micronesia Region	387
	ミクロネシア3国：持続可能な観光開発	
0780770	Sustainable Use of Plant Genetic Resources	428
	植物遺伝資源の持続的利用	
0780997	System of Environmental Management of Enclosed Coastal Seas.....	540
	閉鎖性海域の水環境管理技術	

T

0780904	Technical Support for SME Promotion (Biotechnology/Plastics Technology) I.....	370
	中小企業振興のための技術支援（バイオ・高分子産業分野） I	
0780905	Technical Support for SME Promotion (Organic Materials/Inorganic Materials & Metals) II.....	371
	中小企業振興のための技術支援（有機化学工業／無機化学工業・金属産業分野） II	
0780817	Telecommunication Network Planning and Designing.....	309
	総合通信網計画設計	
0780894	Telecommunication Outside Plant Engineering Techniques.....	313
	通信線路技術者育成	
0780821	Telecommunication Subscriber Line Network Maintenance Techniques.....	309
	加入者通信線路網保守技術	
0780954	Telecommunications Policy and Regulations.....	317
	電気通信政策	
0780967	Telecommunications Standardization.....	318
	電気通信標準化	
0780775	Television Engineering.....	320
	テレビジョン放送技術	
0780716	Television Programme Production (General).....	320
	テレビ番組制作（総合）	
0780220	The Course for IT System Techniques for Agriculture.....	411
	農業のITシステム化技術	
0780883	The Course in Modernization of Cargo Transport (Physical Distribution).....	284
	物流近代化	
0780933	The Group Training Course in Fire Prevention Techniques.....	198
	火災予防技術	
0780797	The Improvement for Electric Power Distribution Grid.....	331
	配電網整備	
0784039	The policy of regional industry promotion for South Eastern Europe.....	364
	南東欧地域産業振興政策	
0780969	The Role of Agricultural Cooperatives to be Played in Activation of Rural Economy.....	412
	農村経済活性化に果たす農協の役割	
0780915	The Seminar on Administration by Competent Authorities for Better Management of Water Services.....	183
	水道管理行政	
0784051	The Seminar on Maternal and Child Health for French-Speaking African Countries.....	160
	母子保健（仏語圏アフリカ）	
0780856	Theory and Practice on Public Enlightenment Using Multimedia.....	311
	マルチメディア利用による普及啓蒙活動の理論と実践	
0780760	Therapeutic Massage Instructors for Visually Impaired Persons (Asia Pacific).....	254
	視覚障害者自立支援のためのマッサージ指導者育成研修（アジア太平洋）	
0780578	Thermal Power Engineering Course for Gas Turbine and Coal Fired Steam Turbine.....	330
	ガスタービン・蒸気タービン(石炭)火力発電	
0784207	Top Management Forum on Local Government Reform for Asia and Africa.....	216
	アジア・アフリカ地域地方行政	

0780828	Top Managers' Seminar	220
	地方行政に携わる幹部との交流セミナー	
0780830	Top Managers' Seminar	220
	地方行政に携わる幹部との交流セミナー	
0780829	Top Managers' Seminar Fire Control Administration.....	240
	消防行政に携わる幹部との交流セミナー	
0780225	Tourism Development for Regional Sustainability	380
	持続可能な地域観光振興	
0780942	Tourism Promotion and Marketing: Targeting the Japanese Market	382
	観光振興とマーケティング	
0784055	Tourism Promotion for Southeast European Countries	377
	南東欧地域 観光振興	
0780079	Traffic Police Administration Seminar	236
	交通警察行政研修	
0780043	Training Course for Expert on Flood-related Disaster Mitigation	186
	洪水関連災害防災専門家育成研修	
0780773	Training Course for the Specialist of Nosocomial Infection Control and Prevention	151
	院内感染管理指導者養成研修	
0780879	Training Course on Production Certification (IEC/CB Scheme) for ASEAN Countries	393
	アセアン製品認証 (I E C / C B スキーム) 実践コース	
0780861	Training Courses for the International Welding Engineer	385
	国際溶接技術者研修	
0780050	Training of Trainers for Supporting SME	368
	中小企業指導者育成	
0780032	Tropical Biomass Utilization	327
	熱帯バイオマス利用	
0784165	Tsunami Disaster Mitigation for Asian Countries	187
	アジア地域 津波防災	
0780966	Tuberculosis Laboratory Network for DOTS Expansion.....	145
	D O T S 拡大のための結核菌検査コース (結核対策細菌検査マネジメント)	
0784014	TV Program Production Team Training for French-Speaking African Countries	319
	仏語圏アフリカ TV番組制作チームトレーニング	

U

0784193	Upland Cereal Crops Management for Extension Officers in Asia and Africa.....	421
	アジア・アフリカ地域畑地帯農業管理普及職員	
0784019	Upland Rice Variety Selection Techniques for Sub-Sahara Africa	419
	サブ・サハラアフリカ陸稲品種選定技術	
0780325	Urban Development (Land Readjustment).....	496
	都市整備	
0780844	Urban Environment and Transportation	282
	都市環境と交通	

0780801	Urban Greenery and Park Administration	499
	都市緑化行政	
0784134	Urban Planning and Land Readjustment Project for South American Countries	493
	南米地域 都市計画・土地区画整理事業	
0780802	Urban Solid Waste Management.....	545
	都市廃棄物処理	
0780218	Utilization and Preservation Techniques for Animal Products.....	445
	畜産物の利用と保蔵技術	

V

0780367	Vaccine Quality Control Technology.....	146
	ワクチン品質管理技術	
0780858	Vegetable Cultivation Technology.....	433
	野菜栽培技術	
0780213	Veterinary Technology for Farm Animals	426
	産業動物の獣医技術	
0780872	Vocational Rehabilitation and Employment Promotion of Persons with Disabilities -Workshop Management...255	
	職業リハビリテーションと障害者の就労	
0784225	Vocational Training for its Application to Businesses for Central and South America	96
	中南米地域産業と連携した職業訓練	
0780785	Vocational Training Instructors (Mechanical Engineering for Instructors and Engineers).....	97
	職業訓練指導員（機械専門技術）	
0780784	Vocational Training Instructors(Information Technology and Computer for Instructors and Engineers).....	97
	職業訓練指導員（情報技術）	

W

0784246	Waste Effluent Pollution Control Caused by Mining and Manufacturing Industries for Central and South America	534
	中南米地域鉱工業による廃水汚染対策	
0780121	Waste Management and 3Rs (Reduce,Reuse,Recycle) Policy	544
	廃棄物3R・再資源化（19年度休止）	
0784026	Waste Management Technologies and 3R's for Central and South American Countries.....	543
	中南米地域 廃棄物処理技術および3R	
0780962	Water Environmental Monitoring.....	538
	水環境モニタリング	
0784042	Water quality monitoring for Central Asia.....	532
	中央アジア水質モニタリング	
0784027	Water Supply in Small and Medium Scale Cities in Central Asia.....	181
	中央アジア地域 中小規模都市給水	
0784073	Water Supply Management for Middle Eastern countries.....	182
	中東地域上水道維持管理	

0784143	Waterworks Engineering for Caucasus and East Asia Regions.....	181
	コーカサス・東アジア地域 寒冷地水道	
0780763	Waterworks Engineering II	178
	水道技術者養成II	
0784178	Wetland Conservation for Southeast European Countries	461
	南東欧地域湿原保全	
0784030	Wildlife Conservation and Management for Africa	460
	アフリカ地域野生生物保護管理	
0780219	Women Leaders' Training on Health Promotion and Nutrition Improvement	125
	健康と栄養改善のための女性指導者研修	
0784227	Women's Health and Maternal and Child Health Support for the Middle East Countries	159
	中東地域女性の健康支援を含む母子保健方策	
0780868	Workshop on Adolescent Sexual and Reproductive Health -Strengthening Strategy for Youth Friendly Environment and Partnership Development-	168
	思春期保健ワークショップ（若者の自己決定力向上の環境づくりにむけて）	
0784122	Workshop on BCC Strategy for Improving Reproductive Health Status for African Countries.....	162
	アフリカ地域 リプロダクティブ・ヘルス行動変容戦略ワークショップ	
0780707	Workshop on Reproductive Health Strategy for NGO Senior Officers -Capacity Development of NGO towards Sustainability-	165
	リプロダクティブ・ヘルスNGO指導者ワークショップ（自立を目指したNGOの能力強化）	
0784238	Workshop on Safer Motherhood Strategy for Asia (Improvement of Conducive Environment for Mothers at the Community Level)	155
	より安全な妊娠と出産戦略アジア地域ワークショップ（妊産婦をとりまくコミュニティーにおける環境作りに向けて）	

Z

0780758	Zero Emission-Type Agriculture & Environmental System for Rural Areas	411
	ゼロ・エミッション型農業・農村環境システム	

PROGRAMS WITH SPECIFIC TARGET COUNTRIES

地域または条約・国際組織等により対象国を限定する研修

Please refer to description of each program for further details of specification.

ASIA

0784002	Rural Development for Small-Scale Farmers Through the Agricultural Cooperatives Activity in Asia.....	407
	農業協同組合活動を通じた農村振興（アジア地域）	
0784005	Disaster Prevention in School for Asian Countries	190
	アジア地域防災教育研修	
0784006	Construction and Designing of Sound Material Cycle Society for Asian Countries	541
	アジア地域循環型社会の構築	
0784008	Power Sector Development for Central Asia and Caucasus Region.....	325
	中央アジア・コーカサス地域 電力セクター開発	
0784009	Science Experiment in Primary Education (Southwest Asian Countries).....	88
	小学校における理科実験教育（南西アジア諸国）	
0784022	Plant Quarantine (Mekong Region).....	415
	植物検疫（メコン地域）（19年度休止）	
0784023	Maritime Law Enforcement for East Asian Countries	233
	東アジア海上犯罪取締り	
0784025	Regional Workshop on Avian Influenza Control for Asian Countries	415
	アジア地域 鳥インフルエンザ防除対策ワークショップ	
0784027	Water Supply in Small and Medium Scale Cities in Central Asia.....	181
	中央アジア地域 中小規模都市給水	
0784028	Agricultural Finance in Central Asia and Caucasus.....	408
	中央アジア・コーカサス地域農業金融	
0784029	Seminar on Administration for Rural/Regional Development: One Village, One Product Movement for ASEAN Countries.....	503
	ASEAN地域振興行政セミナー（一村一品運動）	
0784034	Collection and Analysis of Official Economic Statistics for Central Asian Countries.....	223
	中央アジア地域官庁経済統計の収集及び解析	
0784042	Water quality monitoring for Central Asia.....	532
	中央アジア水質モニタリング	
0784045	Regional Development for Central Asian Countries.....	504
	中央アジア地域 地域開発セミナー	
0784046	Organizing Farmers and Roles of Agricultural Cooperatives for Central Asian Countries.....	408
	中央アジア地域 農民組織化と農協の役割	
0784047	Disaster Prevention Management for Central Asia and Caucasus	190
	中央アジア・コーカサス地域防災行政	
0784048	Criminal Justice for Central Asia.....	228
	中央アジア地域刑事司法研修	

0784049	Enhancement of Water Users' Associations for Central Asia and Caucasus.....	409
	中央アジア・コーカサス地域水利組合強化	
0784064	Flood Hazard Mapping for Asian Countries.....	185
	アジア地域 洪水ハザードマップ作成	
0784078	Acid Deposition Monitoring Network in East Asia	527
	東アジア酸性雨モニタリングネットワーク技術	
0784086	Improvement in the Capability for using Aid for Central Asia and Caucasus Region.....	73
	中央アジア・コーカサス地域 援助活用能力向上	
0784094	IT human resource development program for Southwest Asian Countries.....	293
	南西アジア地域 IT人材育成	
0784098	Creating Knowledge-based Management for Asia: Synthesizing East and West.....	77
	アジア地域知識経営創造セミナー	
0784103	Forum on Institutionalization of Evaluation System.....	81
	評価制度フォーラム	
0784104	Manufacturing Technology and Production Management System for Southeast Asian Countries	383
	東南アジア地域ものづくり基盤技術研修	
0784106	Activation of Local Communities through Eco-friendly Tourism Promotion for the Kyrgyz Republic and Republic of Tajikistan.....	372
	キルギス・タジキスタン環境調和型観光開発による地域共同体の活性化	
0784108	Financial Policy for Central Asia and Caucasus Region.....	341
	中央アジア・コーカサス地域財政政策	
0784109	Stock Exchange Seminar for Asian Countries	345
	証券取引所セミナー（アジア地域）	
0784110	Project Formulation for Regional Development Focused on Human Security for Southeast Asian Countries	505
	東南アジア地域 人間の安全保障を重視した地域開発プロジェクト形成	
0784112	Air Pollution Source Monitoring Management for Asian Countries.....	528
	アジア地域大気汚染源モニタリング管理	
0784116	Participatory Irrigation Management System for Paddies for Asian Countries	416
	アジア地域 農民参加型用水管理システム	
0784123	Seminar on Port Facility Security for ASEAN countries.....	271
	アセアン地域港湾保安セミナー	
0784137	Restoration of Freshwater Environment by Eco-sound Technology	533
	淡水環境修復（日韓共同研修）	
0784138	Environmental Protection Technology and Management against Air Pollution.....	528
	日韓共同 大気環境保全管理	
0784142	Business Management for Caucasian Countries	357
	コーカサス地域 経営管理	
0784143	Waterworks Engineering for Caucasus and East Asia Regions.....	181
	コーカサス・東アジア地域 寒冷地水道	
0784162	Seminar on Government Audit System for Central Asian Countries.....	207
	中央アジア地域 会計検査制度セミナー	
0784165	Tsunami Disaster Mitigation for Asian Countries.....	187
	アジア地域 津波防災	
0784168	Environmental Management -Pollution Control- for Southwest Asia	521
	南西アジア地域 公害防止行政	

0784181	Non-life Insurance System Development for Indochina Countries	373
	インドシナ地域損害保険制度整備	
0784182	International Seminar on Civil and Commercial Law -Corporate governance focused on nonmarket governance-.....	390
	国際民商事法Ⅲ「コーポレートガバナンス－非市場型ガバナンス」(CLMV諸国)	
0784183	Collaboration between Local Governments and Civil Society Organizations for Asia	215
	アジア地域地方自治体と市民社会の協働	
0784198	Electric Power Forum for Asia.....	325
	アジア電力フォーラム	
0784201	Biosafety Control for Emerging Infectious Diseases for Asia	148
	アジア地域新興感染症バイオハザード対策	
0784203	International Taxation for Asia.....	349
	アジア地域国際課税	
0784207	Top Management Forum on Local Government Reform for Asia and Africa.....	216
	アジア・アフリカ地域地方行財政	
0784208	Cross Border Transport Infrastructure for Mekong Region countries.....	272
	メコン地域クロスボーダー交通インフラ	
0784209	Hazardous Waste Management and Appropriate Disposal for Asia	546
	アジア地域有害廃棄物管理・適正処理	
0784212	Endogenous Regional Economic Development Utilizing Local Resources for Central Asia.....	506
	中央アジア地域地域資源を活かした内発的地域経済開発研修	
0784214	Seminar on Sustainable Human Security and Capacity Development for Asia	78
	アジア地域「持続的な人間の安全保障とキャパシティ・ディベロップメント」セミナー	
0784222	Regional Development Promotion for ASEAN countries -One Village One Product-.....	507
	アセアン地域地域産業振興研修	
0784223	Integrated Arsenic Mitigation for Asian countries	184
	アジア地域総合的砒素汚染対策	
0784224	Solid Waste Management for Southwest Asia - Discussion for Realizing the Improvement Measures -	542
	南西アジア地域廃棄物管理－具体的改善策の策定に向けて－	
0784234	International Contract Administration for Asia.....	208
	アジア地域国際契約マネジメント	
0784237	Promotion of Non-formal Education for Asia.....	95
	アジア地域ノンフォーマル教育拡充	
0784238	Workshop on Safer Motherhood Strategy for Asia (Improvement of Conducive Environment for Mothers at the Community Level)	155
	より安全な妊娠と出産戦略アジア地域ワークショップ（妊産婦をとりまくコミュニティーにおける環境作りに向けて）	
0784239	Safe Motherhood Midwifery Course for Asia	156
	アジア地域安全な出産のための助産師研修	
0784139	Mental Health Service after Disasters in Asia	191
	アジア地域災害後のメンタルヘルスサービス	
0784241	Audit Technology for Energy Conservation for Asia.....	334
	アジア地域省エネルギー診断技術	
0784242	Bond Market Development in ASEAN Countries	346
	アセアン地域債券市場整備	

0784243	Necessary Policy Measures and Reform Strategies for Financial System Stability in NIS Countries.....	347
	N I S 地域金融システム安定化政策と改革戦略	
0780227	Food Processing and Preservation Technology	444
	食品加工・保全技術	
0780768	Executives' Seminar on Public Works and Management.....	493
	国土技術マネジメント幹部セミナー	
0780839	Integrated Water Resources Management.....	177
	統合的水資源管理	
0780846	International Seminar on Taxation (Senior Course)	209
	国際税務行政セミナー（上級コース）	
0780853	Seminar on Financial System	348
	金融制度強化セミナー	
0780877	ASEAN International Standards Development Course.....	393
	アセアン国際標準開発研修	
0780879	Training Course on Production Certification (IEC/CB Scheme) for ASEAN Countries.....	393
	アセアン製品認証（I E C / C B スキーム）実践コース	
0780881	Improvements of Implementation on Security Exports Controls in Asia	379
	アジアにおける輸出管理運用技術向上	
0780930	Seminar on Women's Entrepreneurship Development Training for Leaders	482
	女性起業家育成のための指導者セミナー	
0780941	Industrial and Commercial Statistics for East Asia and ASEAN Countries	394
	産業統計（東アジアおよびアセアン諸国）	
0780996	Immigration Control Administration (Asian Countries).....	209
	出入国管理行政（アジア諸国）	

PACIFIC

0784037	Mathematics Education in Primary and Secondary School in Pacific Small Island States	89
	初等中等算数・数学教育向上（大洋州地域）	
0784038	Community-based Fisheries Diversification in Pacific Small Island States.....	472
	大洋州地域 島嶼国漁村主導型水産業多様化促進	
0784113	Information Network Designing for Pacific Countries.....	294
	大洋州地域 ネットワーク設計者養成	
0784114	Environmental and Social Considerations in Oceania	551
	大洋州地域環境社会配慮	
0784169	Sustainable Tourism Development in Micronesia Region	387
	ミクロネシア3国：持続可能な観光開発	
0784186	Human Resource Development in the Field of Social Welfare for Oceania	251
	大洋州地域障害者福祉人材育成	

LATIN AMERICA

0784010	Education for Children with Disabilities for South American Countries	105
	南米地域 障害児教育	

0784011	Extension Methodologies of Organic Agricultural Techniques for Small Scaled Farmers for Central America and Caribbean countries	417
	中米・カリブ地域 小規模農民支援 有機農業技術普及手法	
0784012	Andean Community Productivity Improvement	358
	アンデス共同体生産性向上	
0784013	Maternal and Child Health Promotion Based on Community in Central and South America	157
	地域母子保健強化 (中南米)	
0784018	Sewage treatment technique for Central and South America	533
	中南米地域生活排水処理	
0784026	Waste Management Technologies and 3R's for Central and South American Countries.....	543
	中南米地域 廃棄物処理技術および3R	
0784040	Education in Japan: Applying Japan's Experience to Developing Countries for Latin American Countries....	100
	中南米地域 日本の教育経験	
0784043	Hospital Administration for Latin American Countries.....	119
	中南米地域 病院管理	
0784044	Improvement of Blood Screening for Central American Countries.....	149
	血液スクリーニング検査向上 (中米地域)	
0784118	Management of Medical Service in Disaster for Andean countries	191
	アンデス地域災害医療マネジメント	
0784119	Cleaner Production in Process Industries for Latin American Countries (for Managers and Engineers of Process Industries).....	546
	中南米地域 プロセス工業におけるクリーナープロダクション	
0784125	Participatory Rural Development for the Establishment of the Central America Network.....	436
	中米・カリブ地域 住民参加型農村開発のプロジェクト運営管理	
0784126	Advanced Course: Detection of Early Gastrointestinal Cancer and Related Digestive Tumors	120
	上級早期胃癌診断	
0784130	Support for the Establishment of Neonatal Screening System for Congenital Hypothyroidism for Latin American Countries.....	158
	中南米地域 新生児マス・スクリーニング確立支援 (クレチン症)	
0784131	Medical Equipment and Maintenance for Central and South America	121
	中南米地域医療機材管理・保守	
0784133	Control de Desastres.....	192
	中米防災対策	
0784134	Urban Planning and Land Readjustment Project for South American Countries	493
	南米地域 都市計画・土地区画整理事業	
0784164	Seminario para Fortalecer la Seguridad en los Países Latinoamericanos.....	234
	中南米地域治安対策強化セミナー	
0784170	Seminar on the International Cooperation for South and Central American Countries.....	73
	中南米諸国対象国際協力セミナー	
0784171	Capacity Development for the trade promotion between Central America and Asia	374
	中米・アジア貿易振興のためのキャパシティ・ディベロップメント	
0784199	Community Development through Decentralization in the Andes Region	217
	アンデス地域における地方分権化を通じた地域開発	
0784204	Implementation of WTO Agreements in Central and South America.....	373
	中南米地域WTO協定の履行支援	

0784213	Promotion and Support of New Venture for Central and South America.....	359
	中南米地域起業・新規事業支援研修	
0784216	Regional Industrial Development by PPP for Central America	360
	中米地域官民パートナーシップによる産業振興	
0784221	Practical Production Management (Theory and Practice on Productivity Improvement) for South America.....	391
	南米地域生産性向上実践技術	
0784225	Vocational Training for its Application to Businesses for Central and South America	96
	中南米地域産業と連携した職業訓練	
0784226	Small and Medium Enterprises / Local Industry Activation for South America	361
	南米地域中小企業・地場産業活性化	
0784229	Sustainable Tourism Development in CARICOM and Middle America	388
	カリコム及び中米諸国持続可能な観光開発	
0784231	School Management Development for Central and South America	101
	中南米地域学校運営改善	
0784244	Realization Analysis of Population Statistics for South America	224
	南米地域人口統計実務・分析	
0784245	Leadership Training for Women Through Rural Life Improvement (by Kaizen) for Central and South America	481
	中南米地域農村部生活改善を通じた女性のリーダーシップ育成	
0784246	Waste Effluent Pollution Control Caused by Mining and Manufacturing Industries for Central and South America	534
	中南米地域鉱工業による廃水汚染対策	

MIDDLE EASTERN COUNTRIES

0784021	Industrial Pollution Control Management for Middle Eastern Countries.....	551
	中東地域産業環境対策	
0784073	Water Supply Management for Middle Eastern countries	182
	中東地域上水道維持管理	
0784128	Small & Medium Enterprise Development Policy Making for Middle East Countries	362
	中東地域を対象とした中小企業振興	
0784197	Arid Land Agriculture by Efficient Water Use for Middle East	418
	中東地域における効率的水利用による農業技術	
0784211	Improvement of TVET Management with public-private partnership (PPP) for BMENA Countries.....	96
	拡大中東・北アフリカ (BMENA) 諸国産業技術教育・職業訓練における官民連携	
0784217	Museum Training for Middle Eastern Region.....	389
	中近東地域博物館研修	
0784227	Women's Health and Maternal and Child Health Support for the Middle East Countries	159
	中東地域女性の健康支援を含む母子保健方策	
0784228	Improvement of Public Health for Reconstruction in the Middle Eastern countries	121
	中東地域復興における公衆衛生改善	
0784230	Science and Mathematics Education Improvement for Middle East	89
	中東地域小学校理数科教育改善	

0784233	Integrated Water Resources Management for Middle East.....	175
	中東地域統合的水資源管理	
0784251	CBR Promotion in the Middle East.....	253
	中東地域CBR事業促進	

AFRICA

0784003	Administration de l'Enseignement pour les pays Francophones d'Afrique.....	102
	仏語圏アフリカ「教育行政」	
0784014	TV Program Production Team Training for French-Speaking African Countries.....	319
	仏語圏アフリカ TV番組制作チームトレーニング	
0784015	Clinical Laboratory Technology for Francophone African Countries.....	122
	仏語圏アフリカ臨床検査技術	
0784016	Improvement of School Management in Sub-Saharan Africa.....	90
	サブ・サハラアフリカ地域における学校運営改善	
0784017	Seminar on Police Administrative System for East African Countries.....	235
	東部アフリカ警察行政セミナー	
0784019	Upland Rice Variety Selection Techniques for Sub-Sahara Africa.....	419
	サブ・サハラアフリカ陸稲品種選定技術	
0784050	Mainstreaming and Empowerment of Persons with Disabilities in Africa.....	254
	アフリカ地域障害者の地位向上	
0784051	The Seminar on Maternal and Child Health for French-Speaking African Countries.....	160
	母子保健（仏語圏アフリカ）	
0784053	Early Childhood Education in Central and Western Africa.....	87
	中西部アフリカ地域 幼児教育	
0784079	Small Enterprises Promotion for Southern African Countries.....	363
	南部アフリカ地域中小企業育成	
0784107	Nursing Management of Maternal and Child Health for African Countries.....	161
	アフリカ母子保健看護管理	
0784122	Workshop on BCC Strategy for Improving Reproductive Health Status for African Countries.....	162
	アフリカ地域 リプロダクティブ・ヘルス行動変容戦略ワークショップ	
0784127	Community-Based Maternal and Child Health for African Countries.....	163
	アフリカ地域 地域母子保健行政	
0784160	Seminar on Epidemiology and Control Measures of Vaccine Preventable Diseases for French-speaking African Countries.....	146
	仏語圏アフリカ地域ワクチン予防可能疾患の疫学及び対策セミナー	
0784163	NEPAD Programme on Technical Assistance for Infrastructure (Concrete Structure Maintenance).....	507
	NEPAD インフラ支援（コンクリート構造物メンテナンス）	
0784172	Enhancement of Governance for building Peace in Sub-Sahara Africa.....	245
	サブサハラ・アフリカ地域平和構築としてのガバナンス強化	
0784173	Intellectual Property Rights in Africa.....	392
	アフリカ地域知的財産権	
0784174	Rural Development in African countries.....	437
	アフリカ地域農村開発	

0784175	Local Governance for African Countries.....	218
	アフリカ地域地方行政	
0784176	Regional ODA Seminar for Africa.....	74
	アフリカ地域国際協力セミナー	
0784177	Facilitating Trade and Investment in Indian-rim Economic Region.....	375
	アフリカ環インド洋経済圏貿易投資促進	
0784179	Post-Conflict Educational Reconstruction and Development in Africa	102
	アフリカ紛争後復興期における教育開発	
0784180	Asia-Africa Cooperation on "Rural Community Development by Livelihood Improvement Approach"	438
	アジア・アフリカ協力・生活改善アプローチによる農村コミュニティ開発	
0784187	Geological Mapping and Mineral Information Management for Africa.....	336
	アフリカ地域地質・鉱物資源情報整備	
0784188	Promoting Forest Ecotourism to Revitalize Regional Economies in Africa.....	453
	アフリカ地域 森林エコツーリズムの推進による地域経済活性化プログラム	
0784190	Strengthening of Local Education for SMASSE-WECSA for Sub-Saharan Africa	103
	サブサハラアフリカ地域 地方教育強化 (SMASSE-WECSA)	
0784192	Human Resource Development in the field of Maternal and Child Health in Francophone Africa.....	164
	仏語圏アフリカ地域 母子保健人材育成	
0784194	Improvement and Modification of Agricultural Machinery for Africa.....	419
	アフリカのための農業機械改良技術	
0784196	Capacity Development for the supports of Farmers' Organizations and Management for Francophone Africa...	439
	仏語圏アフリカ地域農民組織化・運営支援に係る能力強化	
0784206	Strengthening of Market Competitiveness of Agricultural Products in the African Countries	376
	アフリカ地域農産物輸出競争力強化	
0784235	Community Health Administration for Improvement of Regional Disparity in Anglophone Africa.....	123
	英語圏アフリカ地域地域格差是正のための保健行政システム改善	
0784247	Nurse Education for Africa	124
	アフリカ地域看護教育	
0784248	Community Empowerment through Safe Water Management for Arid Regions in French Speaking Africa	176
	仏語圏アフリカ 乾燥地域 村落飲料水管理	
0784249	Rural Development through Promoting Small Herbivorous Animal's Husbandry for Africa	440
	アフリカ地域小型草食家畜生産を通じた農村開発	
0784030	Wildlife Conservation and Management for Africa	460
	アフリカ地域野生生物保護管理	
0780004	Practice of Science Education for Secondary School	93
	中等科学教育実技	
0780219	Women Leaders' Training on Health Promotion and Nutrition Improvement	125
	健康と栄養改善のための女性指導者研修	
0780895	Enterprise Networking Regional Development.....	367
	企業ネットワークによる中小企業振興	

EUROPE

0784035	Practical Seminar on Investment Promotion for South-Eastern Europe	377
	南東欧地域実践的投資促進セミナー	
0784039	The policy of regional industry promotion for South Eastern Europe	364
	南東欧地域産業振興政策	
0784041	Production Management for Southeast European countries	365
	南東欧地域 生産管理	
0784055	Tourism Promotion for Southeast European Countries	377
	南東欧地域 観光振興	
0784056	Hospital Management for Southeast European Countries.....	125
	南東欧地域 病院運営	
0784111	Environmental Protection and Management of Mining areas in the Balkan Countries	552
	バルカン地域 鉱山地域における環境保護・管理	
0784135	Agricultural Production and Distribution for Southeast European Countries	444
	南東欧地域農産物市場経済	
0784178	Wetland Conservation for Southeast European Countries	461
	南東欧地域湿原保全	
0784184	Management of Urban Water System for Southeast European Countries.....	177
	南東欧地域 都市上下水道事業管理	
0784185	Disaster Management and Preparedness in Southeast European Countries.....	192
	南東欧地域 防災対策	
0784200	Sustainable community development by citizens' participation for West Balkan countries	522
	西バルカン地域市民参加による持続可能な地域づくりと環境保全	
0784218	Seminar on Development and Promotion of SMEs in South-Eastern Europe.....	366
	南東欧地域中小企業振興セミナー	
0784232	Eco-Tourism and Strategic Regional Development for Eastern Europe.....	508
	東欧地域エコツーリズムと戦略的地域振興	

OTHER REGIONS

0784191	Criteria & Indicators (C&I) and Forest Certification for Pan-Pacific Countries	453
	環太平洋地域 C&I・森林認証	
0784193	Upland Cereal Crops Management for Extension Officers in Asia and Africa.....	421
	アジア・アフリカ地域畑地帯農業管理普及職員	
0784195	Capacity Development of Host Countries of CDM/JI for Southeast European and CIS countries.....	548
	南東欧・CIS地域京都メカニズム能力開発	
0784202	Capacity Building for Officers Dealing with AR-CDM Project for Asia-Pacific Region and South & Central America	549
	アジア大洋州・中南米地域AR-CDM (CDM植林) 担当者育成	
0784210	Rehabilitation of degraded lands in Asia and Africa	464
	アジア・アフリカ地域荒廃地の植生回復	
0784215	Maintenance of Refrigeration System for Caribbean countries	475
	カリブ地域冷凍機保守	

0784219	Comprehensive Strategy for Recovery from Natural Disasters for Middle East: Lessons Learned from the Great Hanshin-Awaji Earthquake Case	193
	中東地域自然災害からの復興戦略～阪神・淡路大震災現場からの教訓	
0784220	Community based Disaster Prevention in Middle East - Introduction of Kobe`s Efforts.....	194
	中東地域防災福祉コミュニティ	
0780011	Management and Conservation of Coral Reef Ecosystem in Asia Pacific Region	462
	サンゴ礁生態系の保全管理（アジア・太平洋地域）	
0780036	Sustainable Rural Development	441
	持続的農村開発	
0780760	Therapeutic Massage Instructors for Visually Impaired Persons (Asia Pacific)	254
	視覚障害者自立支援のためのマッサージ指導者育成研修（アジア太平洋）	
0780794	Community-Based Cancer Prevention for Asia & Pan Pacific Countries	126
	アジア・環太平洋諸国地域がん予防対策	
0780837	Seminar on Consequence and Crisis Management of Chemical and Biological Terrorism	235
	アジア・大洋州地域諸国に対する生物テロ被害対処及び危機管理セミナー（19年度休止）	
0780864	Air Quality Management Policy	529
	大気保全政策	
0780872	Vocational Rehabilitation and Employment Promotion of Persons with Disabilities -Workshop Management ...	255
	職業リハビリテーションと障害者の就労	
0780920	Advanced Research Course on Control of Zoonosis for Food Safety	420
	食の安全確保のための人畜共通感染症対策	
0780960	Health Systems Management.....	127
	保健衛生管理	
0780971	Crime Prevention (Treatment of Offenders).....	230
	犯罪防止（矯正保護）	
0780972	Crime Prevention (Administration of Criminal Justice).....	231
	犯罪防止（刑事司法）	
0780973	Crime Prevention (Senior Seminar)	232
	犯罪防止（上級）セミナー	

SPECIFIC TREATY/ORGANIZATION

0784205	Practical Approach for International Trade in APEC countries	378
	APEC地域国際貿易のための実践的アプローチ	
0780124	ASOSAI Seminar.....	210
	ASOSAIセミナー	
0780567	Analysis, Interpretation and Dissemination of Official Statistics	225
	官庁統計の解析、解釈及び公表コース	
0780730	Nuclear Power Generation Infrastructure course.....	326
	原子力発電基盤整備計画	
0780734	Management on Trade and Investment Insurance	379
	貿易保険制度運用	
0780736	Intellectual Property for APEC Economies.....	394
	APEC知的財産権	

0780739	Laboratory Diagnosis Techniques for Global Polio Eradication.....	150
	世界ポリオ根絶のための実験室診断技術	
0780776	Remote Sensing Technology(Upper Elementary to Intermediate Level).....	295
	リモートセンシング技術（初級上－中級レベル）	
0780778	Copyright Systems Development.....	395
	著作権制度整備	
0780784	Vocational Training Instructors(Information Technology and Computer for Instructors and Engineers).....	97
	職業訓練指導員（情報技術）	
0780785	Vocational Training Instructors (Mechanical Engineering for Instructors and Engineers).....	97
	職業訓練指導員（機械専門技術）	
0780793	Capacity Building for Project Staff Regarding Kyoto Mechanism	549
	京都メカニズムプロジェクト担当者養成	
0780833	Seminar on Evaluation of Japan's ODA Loan Projects.....	75
	円借款プロジェクト評価セミナー	
0780835	Seminar for JBIC`s Official Financial Cooperation	76
	公的資金協力セミナー	
0780838	Seminar for ODA Loan in Environmental Improvement and Anti-Pollution Measures.....	76
	環境改善・公害対策融資セミナー（円借款事業連携）	
0780862	OISCA Rural Life Improvement and Rural Development for Women	483
	オイスカ農村女性の生活改善と村づくり研修	
0780874	Global Mapping: Contribution to Global Mapping Development by GIS.....	511
	地球地図作成技術：地球地図整備に貢献することを目指した地理情報システム	
0780932	Local Governance (Policy Making and Civil Society).....	219
	地方自治研修	
0780934	Modules on Fundamental Official Statistics	226
	統計モジュール	
0780935	Application of Info.& Communications Technology to Production & Dissemination of Official Statistics	227
	官庁統計の作成及び公表のための情報通信技術の適用	
0780937	Seminar on Ozone Layer Protection	530
	オゾン層保護対策セミナー	
0780977	International Maritime Conventions and Ship Safety Inspection	272
	海事国際条約及び船舶安全検査	
