






12. Agricultural/Rural Development


Mycotoxin Inspection in Food マイコトキシン検査技術		GROUP 	0980001
Agricultural/Rural Development—Other Agricultural/Rural Development Issues Health —Health System		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This program is designed to ensure capacity development of food inspection organizations.</p> <p>【Objective】 Participants will be able to apply the most feasible approach for assuring food safety, with acquired expertise on analysis and control of mycotoxins.</p> <p>【Outputs】 (1) To acquire and apply the methodology and technology for the analysis of mycotoxins (2) To be able to explain the basic principles of the method for isolation and identification of mycotoxin-producing fungi (3) To be able to explain the importance of control and management of mycotoxins (4) To be able to explain about food safety and regulation/standards of mycotoxins (5) To formulate an action plan for disseminating the most feasible knowledge and technology for each country</p>	<p>【Target Organizations】 Governmental and non-governmental organizations in the field of food inspection</p> <p>【Target Group】 (1) Current Duties: be a technical officer or inspector presently engaged in food inspection, (2) Experience: have more than three (3) years' experience in food inspection (3) Educational Background: be a graduate of university or equivalent (4) Others: those who are to stay in the same field after the completion of this program. Age should be under thirty five (35) years</p>		
CONTENTS	PROGRAM PERIOD	Jan.25.2010 ~ May.8.2010	
<p>【Core Phase in Japan】 <u>Related to output (1):</u> Lectures and Lab practices Aspergillus flavus contamination of groundnuts and maize Fusarium contamination of wheat and maize, Sampling for mycotoxins Analysis of mycotoxins such as aflatoxins and fusarium mycotoxins <u>Related to output (2):</u> Lectures and Lab Practices Introduction to fungi, Isolation identification of fungi, etc. Method of the isolation and identification of mycotoxins-producing fungi <u>Related to output (3):</u> Lectures and observations Control of mycotoxins <u>Related to output (4):</u>Lectures and Observations Food sanitation law and food inspection <u>Related to output (5):</u> Report Making and Presentation Midterm report resentation. Guidance for action plan making.</p>	IMPLEMENTING PARTNER	KOBE INSTITUTE OF HEALTH, NAGOYA CITY PUBLIC HEALTH INSTITUTE, ETC.	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Mycotoxins are secondary metabolites of fungi and they are the most serious carcinogenic contaminants in grains, corns, nuts, and so on. 70% of program are allocated to lab practice.	

Agrobiotechnology アグロバイオテクノロジー		GROUP 	0980003
Agricultural/Rural Development—Agricultural Development		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This program is designed for researchers and technologists in biotechnology and bioscience to develop their capacity and raise the level of technical skills based on fundamental theory and practical knowledge. In this program special importance is attached to the research field utilizing microorganisms, livestock and higher plants.</p> <p>【Objective】 At the completion of the program, participants will be able to select biotechniques suitable for each participating country based on the acquired comprehension on fundamental principles and expertise on experimental techniques.</p> <p>【Outputs】 (1) To be able to explain fundamental principles in biotechnology (2) To be able to explain the general situation of biotechnology and its application (3) To acquire fundamental and experimental methods for biotechnology in the fields of microorganisms, livestock and higher plants (4) To obtain a general capacity of judgment in selecting suitable biotechniques</p>	<p>【Target Organizations】 Governmental research organizations and universities in the field of biotechnology and bioscience</p> <p>【Target Group】 (1) Current Duties: be a researcher or technologist engaged in research activities in microorganisms, livestock and higher plants (2) Experience: have more than three (3) years n these fields (3) Educational Background: uiversity graduates with master degree</p>		
CONTENTS	PROGRAM PERIOD	Mar.15.2010 ~ Aug.7.2010	
<p>Special importance is attached to the research field using microorganisms, livestock and higher plants.</p> <p>【Core Phase in Japan】 <u>Related to outputs (1) & (2):</u> Lectures and Observations 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, genetic modification, etc. Screening of useful microorganisms <u>Related to outputs (3) & (4):</u> Lab Works Plant tissue culture, stress response and cellular signal transduction Genetic engineering, gene mapping by molecular markers Screening of useful microorganisms etc.</p>	IMPLEMENTING PARTNER	GRADUATE SCHOOL OF AGRICULTURAL SCIENCE, KOBE UNIVERSITY	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Graduate students of Kobe University will join some lectures for active exchange of information and opinions.	

Pasture Based Livestock Farming Development 草地畜産開発		GROUP 	0980025
Agricultural/Rural Development—Agricultural Development			
		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / 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. 	<ol style="list-style-type: none"> (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, 		
CONTENTS	PROGRAM PERIOD	Apr.7.2009 ~ Aug.15.2009	
<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	JICA Tohoku	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Tropical Biomass Utilization 熱帯バイオマス利用		GROUP 	0980032
Agricultural/Rural Development—Rural Development			
Target Countries: Tropical/sub-tropical countries		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To enable participants to learn methods of measuring the endowment of biomass and the possible amount of utilization, and designing effective ways of using it.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> (1) To understand approaches to create a re-cycling oriented society, referring to the concepts of Biomass Nippon and the Biomass Asia Programs. (2) To understand methods of estimating unused biomass resources, planning of utilization systems and their evaluation. (3) To understand individual technologies; e.g. biomass production, collection, transportation, conversion, and monitoring, to formulate a biomass utilization plan. 	<p>[Target Organizations] Engaged in the planning, promotion and utilization of biomass</p> <p>[Target Group] <ol style="list-style-type: none"> (1) Individuals with at least 3 years of experience in the field of above mentioned (2) University graduates in the field of science (3) Individuals 25-35 years of age </p>		
CONTENTS	PROGRAM PERIOD	Sep.29.2009 ~ Dec.5.2009	
<p><Preliminary phase (activities in home country)></p> <p>(1) Formulating a country report describing the present situation of Biomass utilization in the participant's country and the role of their organization.</p> <p><Core Phase (activities in Japan)></p> <p>(1) Acquire methods for designing a recycling society and biomass utilization system and approaches for designing recycling societies which utilize biomass (such as 'Biomass Nippon', 'Concept of Biomass Town'), estimating the amount of endowment and production of biomass, designing a biomass utilization system and evaluating the impact of biomass utilization. (2) Acquire methods for measuring the biomass resources, a planning technique for a biomass utilization system and techniques for evaluating the effect of biomass. (3) Acquire specific techniques related to the design of biomass utilization systems, biomass production and collection methods for unused biomass resources, biomass energy conversion, utilization of biomass transforming materials, and the measurement, monitoring and evaluation of biomass utilization.</p>	IMPLEMENTING PARTNER	University of the Ryukyus	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

Veterinary Technology for Farm Animals 産業動物の獣医技術		GROUP  0980213
Agricultural/Rural Development—Agricultural Development		
		7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The level of participants' knowledge and techniques of veterinary medicine (mainly for cattle) will be improved.</p> <p>To reach the objective, the participants are expected to achieve the following:</p> <p>(1) To improve clinical techniques of diagnosis and treatment (internal medicine, surgery and reproduction) of frequent diseases of farm animals (mainly cattle)</p> <p>(2) To improve control measures against infectious diseases and herd infection</p> <p>(3) To learn about sanitation management such as meat inspection, food sanitation and veterinary public health for supply of safe animal products</p> <p>(4) To learn about veterinary administration in Japan, present situation of educational research and role of veterinarians in animal husbandry</p>	<p>(1) University graduates in veterinary medicine and those qualified as veterinarian</p> <p>(2) Leading veterinarians who handle farm animals (mainly cattle)</p> <p>(3) At least 5 years of practical experience</p>	
CONTENTS	PROGRAM PERIOD	Aug.11.2009 ~ Nov.21.2009
<p>Preparatory Phase : Present job activities and issues concerning farm animals are described in the job report</p> <p>Curriculum in Japan :</p> <p>(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,</p> <p>(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.</p> <p>(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.</p>	IMPLEMENTING PARTNER	HOKKAIDO VETERINARY MEDICAL ASSOCIATION
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2006~2010
	REMARKS	


Utilization and Preservation Techniques for Animal Products 畜産物の利用と保蔵技術		GROUP  0980218
Agricultural/Rural Development—Other Agricultural/Rural Development Issues		
		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】By acquiring a series of processing and preservation techniques, and understanding the traceability of animal products for food safety, to develop human resources capable of increasing the added value of foods through maintaining the quality of animal products and improving food safety.</p> <p>【Outputs】To attain the objective, the participants are expected to achieve the followings:</p> <p>(1) To be able to explain livestock fattening, slaughtering techniques, processing and preservation techniques thorough advanced theories about meat science and food hygiene to related technicians and researchers,</p> <p>(2) To be able to identify the problems by comparing the Japanese sanitary control system and the participant's country's system,</p> <p>(3) To prepare the Improvement and Extension Plan on utilization of animal products and preservation techniques, and the Improvement Plan on sanitary control system which are realistic in the participant's country.</p>	<p>【Target Organizations】 Institutions relating to the animal product processing industry or food science</p> <p>【Target Group】 (1) Technical experts or researchers (2) Age: From 25 to 40 years old (3) Individuals who are able to handle and eat pork meat (as the practice includes making and tasting pork products).</p>	
CONTENTS	PROGRAM PERIOD	Feb.14.2010 ~ May.20.2010
<p>【Preparatory phase】To submit the Inception report including an introduction of work, problems facing in the country, interest in the program and its reason.</p> <p>【Program in Japan】This program consists of the following contents:</p> <p>(1) Fattening techniques (production and preparation of feed, physiology of meat and fattening techniques), Slaughtering and carcass dressing, Meat science (meat quality inspection and analysis of meat substance), Food hygiene (properties of milk products, production and hygiene of milk and milk products)</p> <p>(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</p> <p>(3) Outline and system of traceability of beef in Japan, Safety of meat and processed meat products, Food hygiene and HACCP</p> <p>(4) Analyze the problems described in the Inception Report and make the practical Interim Report on activity objective after returning home, expected outputs and major contents of activities.</p>	IMPLEMENTING PARTNER	Obihiro Univ. of Agric. & Veterinary Medicine, Regional Food Processing Technology Center
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2006~2010
	REMARKS	<p>【Program in home country】 To submit the Final report on the progress of activities.</p> <p>Participants should be able to handle and eat pork meat (as practice includes making and tasting pork products).</p>


IT System Techniques for Agriculture 農業のITシステム化技術		GROUP	0980220
Agricultural/Rural Development—Agricultural Policy and System Information and Communication Technology—Information and Communication Technology		6 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 To develop human resources who can contribute to agricultural development through comprehension the agricultural information system with spread sheet and database processing.</p> <p>【Outputs】 To attain above mentioned the objective, the participants are expected to achieve the followings:</p> <p>(1) To be able to explain the functions and benefits of agricultural information network systems, (2) To be able to utilize the skill to built a database of agriculture and livestock, (3) To be able to utilize the skill of data processing and data analysis, (4) To be able to transmit agricultural information.</p>	<p>【Target Organizations】 Official institutions which collecting, processing and providing an agricultural information, such as weather conditions, soil conditions and cropping pattern, to concerned parties</p> <p>【Target Group】 (1) Who has been collecting, processing and providing an agricultural information, such as weather conditions, soil conditions and cropping pattern (2) Who has basic computer skills, sufficient experience in information processing and have intence interest in programming. (3) Age: 25-40 years old</p>		
CONTENTS	PROGRAM PERIOD	Jan.17.2010 ~ Apr.22.2010	
<p>【Preparatory phase】 Submit an Inception report which includes contents of work, facing problems, particular interest in the program and its reason. Fill out the questionnaire.</p> <p>【Program in Japan】 This program consists of lectures, practical exercises, observations and discussions of the following contents: (1) Concept and operation of agricultural information: Introduction of Agricultural information building, information security, O&M system, LAN system, etc. (2) Individual database building, VBA coding, data-file processing. (3) Analyze the problems described in the Inception report and make a practical Interim report on activity objective after returning home, expected outputs and major contents of activities.</p> <p>【Program in home country】 In accordance with the Interim report, submit the Final report including the progress of activities within 6 month.</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Food Processing and Preservation Technology 食品加工・保全技術		GROUP	0980227
Agricultural/Rural Development—Other Agricultural/Rural Development Issues		4 participants	English
Target Countries: Asia			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Participants will enhance their capabilities to develop and produce processed foods of high quality and added value, utilizing agricultural resources in their own countries.</p> <p>【Outputs】 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</p>	<p>【Target Group】 (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) University degree or equivalent in a science program</p>		
CONTENTS	PROGRAM PERIOD	Jan.9.2010 ~ Mar.19.2010	
<p>1) General Training (Lectures): Learn administrative systems and technologies on food processing and preservation in Japan.</p> <p>2) Site Observations: Understand the process of food processing system in Japan, from research and development of products to distribution, by visiting food-related facilities (factories, research institutes, etc.)</p> <p>3) Practical training: acquire skills and knowledge on specific topics (these may vary every year): Topic 1. Cultivation and Breeding of Mushroom Topic 2. Analysis and Evaluation on Functionality of Food Component Topic 3. Saccharification of Rice and Manufacturing Test of a Sweet Alcoholic Japanese Drink (Amazake) using Enzyme (The above are the example from year 2008)</p>	IMPLEMENTING PARTNER	Hiroshima International Center	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2006~2010	
	REMARKS	The training period is still to be fixed.	

Organic Agriculture Technology for Environment Conservation 環境保全型有機農業技術		GROUP	0980724
Agricultural/Rural Development—Agricultural Development			
16 participants / English/Japanese			
OBJECTIVE		TARGET ORGANIZATION / 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	Feb.18.2010 ~ Nov.21.2010
<p>1. History of agriculture History of rice farming and organic agriculture in Japan / Diffusion of chemical fertilizer and its negative effect / Global food situation / Rural development worldwide</p> <p>2. Environment conservation in agriculture Current situation of aquatic contamination and its relation with agriculture, techniques for water quality improvement / Current situation of ground pollution and its countermeasures and mechanism / Biomass resources –Character, variety and potential</p> <p>3. Techniques of organic agriculture for environmental conservation Land Improvement / Insect Pest Control / Organic Agriculture Techniques</p> <p>4. Rural development in Japan History of rural development in Japan / Marketing and distribution of agricultural goods / Farmer organization and institution-building</p> <p>5. Formulation and presentation of Action Plans</p>		IMPLEMENTING PARTNER	OISCA
		JICA CENTER	JICA Chubu
		COOPERATION PERIOD	2007~2009
		REMARKS	http://www.oisca.org/e/

Advanced Research Course on Control of Zoonosis for Food Safety 食の安全確保のための人畜共通感染症対策		GROUP	0980920
Agricultural/Rural Development—Agricultural Development Health—Other Infectious Diseases			
9 participants / English			
OBJECTIVE		TARGET ORGANIZATION / GROUP	
<p>【Objective】 To develop human resources capable of research of protozoan diseases to improve the skills and competence of participants who are primarily responsible for laying the foundation for the development of control measures against diseases.</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings: (1) To be able to carry out basic research in vitro on particular zoonotic diseases, (2) To be able to share the knowledge, skills and technologies obtained in Japan with other staff members in the target organization, (3) To be able to improve and apply the effective control measures on protozoan diseases, (4) To be able to utilize the fundamentals and progress of major protozoan diseases as well as zoonoses.</p>		<p>【Target Organizations】 Private or public research and educational institutions</p> <p>【Target Group】 1) Holders of Bachelors or Masters of Science or graduates of veterinary medicine or medical science and with more than 3 years of experience in the target organization 2) Individuals engaged in research on animal or human protozoans, food-borne influenza and prion, and willing to continue the research relating to the output of the course 3) Age: Under 35 years old</p>	
CONTENTS		PROGRAM PERIOD	Oct.25.2009 ~ Aug.27.2010
<p>【Preparatory phase】 To submit the Inception Report which includes an introduction of work in the course, problems facing in the target country, fields of particular interest in the course and its reason.</p> <p>【Program in Japan】 This course mainly covers the following 7 themes. All participants are attached to a suitable research laboratory in one of the following fields. In each field, the participants will study the advanced technologies of diagnosis, treatment, prevention, and host pathological response through research in collaboration with instructors.</p> <p>(1) Functional Genomics and Genetic Biochemistry (2) Epidemiology and Control of Protozon Diseases (3) Molecular Genetics of Vectors (4) Molecular Diagnosis of Protozon Diseases (5) Advanced Preventive Medicine (6) Food-borne Bacterial Diseases and Chemotherapy (7) Emerging and Re-emerging Diseases</p> <p>The participants will make a mid-term and final report on the research subject for their presentation.</p>		IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine
		JICA CENTER	JICA Obihiro
		COOPERATION PERIOD	2005~2009
		REMARKS	A diploma will be awarded by the Obihiro University of Agriculture and Veterinary Medicine at the end of the course. Participants will be requested to answer the questionnaire about diffusion of outcomes of the program after returning home.

Plant Variety Protection 植物品種保護		GROUP 	0980924
Agricultural/Rural Development—Agricultural Policy and System			
		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】</p> <p>Currently, new varieties of plants should be protected in WTO•TRIPS agreement in each country, and the legal systems to carry out TRIPS agreement are adjusted in many developing countries. The objective of this program is to strengthen the implementation of plant variety protection system under UPOV in each country properly.</p> <p>【Outputs】</p> <ol style="list-style-type: none"> To understand the outline of plant variety protection (plant breeders' rights) system under UPOV and the Japanese System To learn the Japanese way of examining applied plant varieties for registration of plant variety protection To learn how to set up test guidelines used for the examination 	<p>【Target Organizations】</p> <p>Central Government or Local Government engaged in the system development for plant variety protection</p> <p>【Target Group】</p> <ol style="list-style-type: none"> Staff who is engaged in the system development for plant variety protection University graduate or equivalent academic background Age: 25-45 years old 		
CONTENTS	PROGRAM PERIOD	Aug.24.2009 ~ Nov.8.2009	
<p>This program consists of lectures, practical exercises, study tours, presentations and discussions. It mainly covers:</p> <p>(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.)</p> <p>(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.)</p> <p>(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.)</p>	IMPLEMENTING PARTNER	NATIONAL CENTER FOR SEEDS AND SEEDLINGS	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

GIS(Open Source Geographic Information Systems) 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		GROUP 	0980987
Agricultural/Rural Development—Agricultural Policy and System			
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】</p> <p>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】</p> <p>To reach the objectives, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> To acquire basic theory and techniques of FOSS (GRASS, Mapserver and others) To obtain techniques to apply GIS through case study To learn the practical application of GIS in Japan for the sustainable management of natural resources and agricultural production To make an Action Plan to improve the management of natural resources and agricultural production by using GIS 	<p>【Organization】</p> <ol style="list-style-type: none"> Central or local governments in charge of policy-making for sustainable management of natural resources and/or agricultural production; Universities and institutes of agricultural sciences <p>【Group】</p> <ol style="list-style-type: none"> In a position to disseminate GIS technology Individuals belonging to one of the organizations mentioned above with over 5 years of experience Individuals with some experience of using GIS, but not experts 		
CONTENTS	PROGRAM PERIOD	Aug.17.2009 ~ Sep.26.2009	
<p><Preparatory Phase></p> <p>Creation of a Country & Job Report / Submission of a Questionnaire describing the current situation of using GIS at one's organization</p> <p><Program in Japan></p> <p>Introduction to GIS for the sustainable management of natural resources and agricultural production / Basic theory of GIS / How to manipulate the Linux-GRASS / Basic theory of Remote Sensing and its application / Spatial data sharing using Free and Open Source Software (FOSS) / Case Study / Application of GPS to GIS - GPS with GRASS / Application of GIS to the management of natural resources and agricultural production / Field Visit</p> <p><Post-Program Activities></p> <p>After the participants' return</p> <ol style="list-style-type: none"> To Report on the Action Plan to the respective supervisors and organizations To submit a Progress Report describing the progresses and/or results in realizing the Action Plan 	IMPLEMENTING PARTNER	Nagoya Univ. Int'l Cooperation C. for Agric. Education	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2005~2009	
	REMARKS	http://icca.e.nagoya-u.ac.jp/en/index.html	

Organic Agriculture Technology(Sustainable Agriculture) for Central Asia 中央アジア地域 有機農業技術(環境保全型農業)		R/F		0984033
Target Countries: Central Asian Countries		9 participants /		Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP			
<p>【Objectives】 This program aims to provide the participants with knowledge and techniques of organic agriculture. The participants are expected to consider how to diffuse the organic agriculture technology in participant's home country.</p> <p>【Outputs】 (1)To understand the roles of government and farmers' organization to support farmers. (2)To learn theories and practice of organic agriculture technology. (3)To learn the risks of agrichemicals. (4)To formulate Action Plan describing how to diffuse the knowledge and ideas acquired in Japan to participant's home country</p>	<p>【Target Group】 (1)Technical officers in charge of agricultural development in central/local government (2)Members of agricultural organization (3)Members of NGOs working for agricultural development</p>			
CONTENTS	PROGRAM PERIOD	Jun.24.2009 ~ Jul.25.2009		
<p><Preliminary Phase>Formulation and submission of Job Report</p> <p><Phase in Japan> (1)Overview of agriculture in Japan/Hokkaido,Agricultural cooperatives in Japan, Research institution of agriculture (2)Plant nutrition, Compost, Fertilizer and manure, Utilization of livestock wastes, Visiting farmers in Hokkaido (3)Agrichemicals, Agrichemical residue (4) Making materials to diffuse organic agriculture technology, Formulation of Action Plan</p> <p><Finalization Phase> Implementation of the Action Plan and the report of the progress.</p>	IMPLEMENTING PARTNER	Hokkaido International Agri-exchange Association(HIAA)		
	JICA CENTER	JICA Sapporo		
	COOPERATION PERIOD	2008~2010		
	REMARKS			

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		R/F		0984193
Target Countries: Asia and Africa region		9 participants /		English
OBJECTIVE	TARGET ORGANIZATION / GROUP			
<p>【Objectives】 To develop human resources who can make and disseminate the solution for facing problem by applying intensive crop cultivation techniques and efficient extension system which learnt.</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings: (1) To be able to explain the intensive crop cultivation techniques, (2) To be able to explain the efficient and area specific extension systems, (3) To be able to sort out action plan to solve facing program of agricultural extension based on PDCA (Plan, Do, Check, Act) cycle.</p>	<p>【Target Organizations】 Organizations which tackle agricultural technical guidance directly to upland cereal crops farmers (mainly wheat, potatoes and beans). 【Target Group】 (1) Who address agricultural technical guidance directly to upland cereal crops farmers (mainly wheat, potatoes and beans). Exclude university researchers. (2) Age: 25-45 years old (3) More than 3 years practical experience in this field (4) Due to heavy field work activities, pregnant nominee is excluded</p>			
CONTENTS	PROGRAM PERIOD	May.31.2009 ~ Jul.29.2009		
<p>【Preparatory phase】 Submit the Inception report which includes contents of work, facing problems, particular interest in the program and its reason. Fill out the questionnaire.</p> <p>【Program in Japan】 This program consists of lectures, practical exercises, observations and discussions of the following contents: (1) Crop cultivation management (simple soil analysis, water saving irrigation techniques, organic farming), agricultural machinery, farm stay program (2) Cooperation activities with research institute, agricultural extension in Japan, agricultural cooperative system, women's activities in rural areas (3) Project cycle management, workshop for solving facing problems (4) Analyze the problems described in the Inception report and make a practical Interim report on activity objective after returning home, expected outputs and major contents of activities.</p>	IMPLEMENTING PARTNER	Agricultural Technology Center of Obihiro city, Obihiro City Public Corporation for Agriculture Promotion		
	JICA CENTER	JICA Obihiro		
	COOPERATION PERIOD	2007~2009		
	REMARKS	<p>【Program in home country】 In accordance with the Interim report, submit the Final report including the progress of activities within 6 month.</p>		

Improvement and Modification of Agricultural Machinery for Africa アフリカのための農機具改良技術		R/F	0984194
Target Countries: Africa region		Agricultural/Rural Development—Agricultural Development	
		8 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 To develop human resources capable of 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 【Outputs】 To reach the objective, participants are expected to achieve the followings: (1) To be able to explain mechanism and the way of performance test of agricultural machines, (2) To be able to explain improvement and repair techniques of agricultural machinery and countermeasures to its troubles to improve efficiency of agricultural machine use, (3) To be able to explain the efficient way of introduce and disseminate of agricultural mechanization and its service system in local area.	【Target Organizations】 ① Ministry of Agriculture (department of dissemination of agricultural machines, agricultural experimental station, agricultural cooperatives) ② Universities and research institutes 【Target Group】 (1) Agricultural extension staff and/or agricultural machine technicians (2) More than 3 years practical experience in this field (3) Due to field activities, pregnant nominee is excluded		
CONTENTS	PROGRAM PERIOD	Jan.6.2010 ~ Mar.6.2010	
【Preparatory phase】 Submit the Inception report which includes contents of work, facing problems, particular interest in the program and its reason. Fill out the questionnaire. 【Program in Japan】 This program consists of lectures, practical exercises, observations and discussions of the following contents: (1) Theory of agricultural machinery, Service system for agricultural machines, diffusion of techniques for machine maintenance, inspection service, (2) Basic techniques of agricultural machine, maintenance and improvement, dissemination of performance test and evaluation for agricultural machine, (3) Improvement techniques of agricultural machines, machinery design method (make plans of developed machines and drawing up instruction/ operating manual), (4) Analyze the problems described in the Inception report and make a practical Interim report on activity objective after returning home, expected outputs and major contents of activities.	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine /Tokachi Industry Promotion Center	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2007~2009	
	REMARKS	【Program in home country】 In accordance with the Interim report, submit the Final report including the progress of activities within 6 month.	


Facility maintenance and water management on irrigation and drainage by joint program for counterpart personnel プロジェクトカウンターパート合同研修「灌漑排水のための施設管理・水管理」		R/F	0984274
Target Countries: Country, whose common language is English		Agricultural/Rural Development—Agricultural Development	
		14 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objective】 Concept on project planning and implementation, management and transfer to farmers after completion of project, in needed, in consideration with sustainable distribution of agricultural water to beneficiaries farmers are shared among organization concerned and farmers. 【Expected Results】 1. to understand Japanese governmental policy on rural development (especially in the field of irrigation and drainage) 2. to understand the role of each implementing body (nation, prefecture, organization, etc) on the implementation of irrigation and drainage project 3. to understand the function and role of in Japan 4. to understand various viewpoints to be considered for irrigation and drainage project (participatory approach, gender, environment, etc.) 5. to conduct a briefing based on results of domestic activities (create report) for officials in the organization and other stakeholders.	【Target Organizations】 Governmental organization engaged in planning, implementation and management of irrigation and drainage project 【Target Group】 <Position> "Advanced level" engineers involved in the planning, implementation and management of irrigation and drainage projects. <Experience> work experience (more than one year) as a counterpart of JICA projects <More> agricultural engineering technician		
CONTENTS	PROGRAM PERIOD	Aug.9.2009 ~ Sep.5.2009	
This course is for JICA Project C/P on knowledge of techniques/ system of irrigation/ drainage (water/facility management), to sustainable supply agricultural water to farm 1. Outline of Rural Development in Japan Canal Irrigation System 2. Project Implementation Process Watershed Management / Facility Maintenance 3. Water Users' Associations in Japan (Land Improvement District: LID) Participatory Irrigation Management: PIM / Operation and Management of LID 4. Environment and Development Development and Gender / PRA, RRA / PCM Outline / Monitoring and Evaluation 5. Conducting briefing, seminar and workshop	IMPLEMENTING PARTNER	JICA Tsukuba	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2009~2011	
	REMARKS	Including practice of water management and facility maintenance in the Japanese government agency which has responsibility for water distribution to the feeder terminal and waterways	

Rice Production Research in Africa (Master's Degree: International Agricultural Development) アフリカ・コメ生産研究(長期)		L/T	0981101
Target Countries: Developing countries in the tropics		6 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Advanced research capability about rice production technology of officers or researchers who work for agricultural experimental station, university or governmental institutions of agriculture development office of plant quarantine is improved</p> <p>【Expected Results】 1. Making a research plan of Japan about the rice production study in Africa 2. To be able to explain the basic theory on rice production and rice post-harvest 3. To be able to explain the natural or social technologies on rice production through the research on experimental or survey and analytical practices 4. To be able to explain the current situation of agricultural production in Japan 5. Making a research plan in own countries</p>	<p>【Target Organization】 The organization such as agricultural experimental station, university or governmental institutions of agriculture development</p> <p>【Target Group】 Researchers who has an experience for more than 2 years. (more than 5 years experience is preferable) who completed the course of thremmatology, crop science, crop protection, agricultural economy, or farm management science in the university.</p>		
CONTENTS	PROGRAM PERIOD	Feb.7.2010 ~ Mar.31.2012	
<p>This program is designed for rice production technology in Africa, and those who need to learn basic technology for rice production of agronomy, breeding technology, plant protection technology, extension and farm management, and economic for rice post-harvest, and understand the practical plant protection in Japan</p> <p>1. Make a research plan in Japan, based on discussion with Japanese and respective countries' resource persons 2. Take the related lectures in Tokyo University of Agriculture 3. Conduct experiments on the topics from the country of origin to master the various technology for rice production 4. Visit institutions/farms related to rice production and take seminars and symposium on agricultural production in Japan 5. Make a reseach plan in own countries, based on discussion with Japanese and respective countries' resource persons</p>	IMPLEMENTING PARTNER	Division of International Agricultural Development, Graduate School of Agriculture, Tokyo University of Agriculture	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2009~2011	
	REMARKS	Participate in a course of Tokyo University of Agriculture.	

Measurement and Treatment Technology for Persistent Organic Pollutants for Insurance of Safety and Reliable Foodstuff (Master's Degree) 食の安全・安心の確保のための残留性有機汚染物質の計測技術と対策処理技術(長期)		L/T	0981107
Target Countries: Countries that have foodstuff pollution by chemicals and fertilizer		1 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Each participant can develop his/her capacity in planning of investigation and problem solving in the field of foodstuff pollution through gaining knowledge and techniques in environment investigation, harmful chemical substances and analytical methods.</p> <p>【Expected Results】 (1) To identify problems and make draft of research plan (2) To acquire basic knowledge for handling environmental problems and are able to analyze environmental contamination and arrange problems in order (3) To make proposals for environmental improvement in order to solve problems in their countries</p>	<p>【Target Organization】 Research agencies or government involved in investigation and analysis in foodstuff pollutions and development of safe foodstuff.</p> <p>【Target Group】 Current Duties: be a researcher at research agencies or government involved in investigation and analysis in foodstuff pollutions and development of safe foodstuff Experience: university graduate and more than 2 years' experience in the field above Age: be under 40 years old (Age around 30 years old is preferred.) Applicants who work with JICA as counterparts are given priority.</p>		
CONTENTS	PROGRAM PERIOD	Sep.23.2009 ~ Sep.29.2011	
<p>This program aims to have participants learn investigation methods and analysis technology in regards to foodstuff pollution from environment polluting substances and to train participants who will take leading roles in planning and investigations for solving foodstuff pollution problems in their countries.</p> <p>(1.Practice and Presentation) -Making inception report on current situation and problems in the research field -Making draft of research plan by contacting with the supervisor in the university (2.Lecture, Practice and Research) -Lecture on Environmental investigation methods, environmental substance cycle theory, environmental, science of environmental measurements, air pollution theories, environmental improvement chemistry, and biological environment protection science research and other special lectures and hands-on training (3.On-Site Training and Research) -Site visit and on-site training at institutions where safe technology for food production is applied, and writing up of master's thesis</p>	IMPLEMENTING PARTNER	Center of Advanced Technology for the Environment, Faculty of Agriculture, Ehime University	
	JICA CENTER	JICA Shikoku	
	COOPERATION PERIOD	2009~2011	
	REMARKS		


Food safety 食の安全(長期)		L/T	0981127
		Agricultural/Rural Development—Agricultural Development	
		3 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 To develop human resources to contribute for solving problems of food production and safety in the target country and its neighboring countries throughout the process of conducting research methods and planning research work.</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings: (1) To be able to explain basic animal and food hygiene, (2) To be able to explain basic subjects, (3) To be able to explain applying animal and food hygiene, (4) To be able to complete thesis on research work of their country's issue based on the output of above mentioned research activities.</p>	<p>【Target Organizations】 Governmental and educational research institutions in the fields of veterinary medicines and animal husbandry</p> <p>【Target Group】 (1) Teaching staffs, researchers, technicians, administrative officers who have more than 5 years of experience in this field. (2) To be no more than 40 years old</p>		
CONTENTS	PROGRAM PERIOD	Oct.1.2009 ~ Sep.30.2011	
<p>【Program Japan】 Participants will take the following subjects and conduct research work, and make up a thesis summarizing the research content. (1) Core subject Epidemiology, Food safety economics, Animal production hygiene, Food hygiene, Food production chemistry, Risk analysis in livestock, Zoonoses, Recycle-oriented animal husbandry, Laboratory work on animal production hygiene (Food or Production) (2) Basic subject Basic veterinary medicine, Food nutrition chemistry, Animal husbandry (3) Selection subject Livestock applied molecular-biotechnology, Animal Resource Science, Infectious immunology, Animal welfare, Administration of food sanitation (4) Research work (5) Submission of thesis</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine, Graduate school, Faculty of Animal Husbandry	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2008~2010	
	REMARKS	A master's degree in Animal and Food Hygiene will be awarded to those who fulfill the requirement of the program by the Obihiro University of Agriculture and Veterinary Medicine.	

Sustainable Rice Cultivation 稲作を中心とした環境保全型農業の確立(長期)		L/T	0981139
		Agricultural/Rural Development—Agricultural Development	
		2 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Participants acquire sustainable production techniques through guidance from professors and master thesis writing. They also expected to learn knowledge and skill of comprehensive farm management for effective practice of the above techniques. Further, leadership and technique of their parent organization is also developed through practice of action plan made by participants.</p> <p>【Outputs】 (1) To clarify problems related to the field in home country and make training plans (2) To learn environmental-friendly technology for rice cropping (3) To research utilization of the acquired expertise in home country (4) Participants will make action plan that their organization should try to put the research achievement in practice.</p>	<p>【Target Organizations】 Agricultural officials of central/local government</p> <p>【Target Group】 (1) Agricultural officials in charge of the guidance and dissemination at the field level or their manager class officials (2) Individuals with at least 5 years of work experience in this field (3) Sufficient command of spoken and written English to be able to conduct the research</p>		
CONTENTS	PROGRAM PERIOD	Mar.10.2010 ~ Mar.31.2012	
<p>(1) Before training starts, participants should make report about problems and its solutions related to the research field in home country. Based on the report, they will make training plan after consultation with professors. (2) In order participants to acquire expertise, the training will consist of seminar, thesis research and fieldwork. Participants will select the main research theme among the field of Soil Science, Plant Pathology, Animal Ecology, Agricultural Machinery, Agricultural Economics, and Zoology (Stock-holding Agriculture). Participants can study other subject in order to carry on their research. (3) Writing of master thesis and presentation of studies. If necessary, participants can have TV meeting with their parent organization during the training in order they can practice smoothly their action plan in the country. (4) Based on the master thesis, participants will make action plan of the parent organization so as to practice and utilize the research achievement in promotion activity. After they return to the country, Yamagata University will make follow-up guidance by TV meeting or dispatch of the study team if necessary.</p>	IMPLEMENTING PARTNER	Graduate School of Agricultural Sciences (Master Course), Yamagata University	
	JICA CENTER	JICA Tohoku	
	COOPERATION PERIOD	2008~2010	
	REMARKS	This program is designed for agricultural officials to promote knowledge and techniques obtained at the field level. Thus, this program is not appropriate for researchers.	

Agricultural Development and Environmental Preservation in Nile River Area ナイル川流域農業開発・環境保全支援(長期)		L/T		0981145
Target Countries: Countries which suffers from sever arid condition along the Nile River		1 participants		English
OBJECTIVE	TARGET ORGANIZATION / GROUP			
<p>【Objectives】 This program aims to help participants acquire appropriate research knowledge and skills to conduct sustainable and environmental-friendly agricultural and water resource development in arid and semi-arid areas in countries of the Nile River Basin.</p> <p>【Outputs】 (1) To acquire basic knowledge and skills in the selected research field (2) To apply the knowledge and skills acquired at (1) in practical trainings. (3) To write a thesis on a selected research field, which contributes to solving the problems in their respective countries</p>	<p>【Target Organizations】 Governmental organizations or research institutions which deal with agricultural development (Esp. irrigation water resource development)</p> <p>【Target Group】 (1) to have more than 3 years of experience in the field of Agricultural Development / Environment Protection in arid land areas. (2) less than 40 years of age</p>			
CONTENTS	PROGRAM PERIOD	Sep.23.2009 ~ Oct.2.2011		
<p>(1) Lectures / practical training on Bioproduction Science / Agricultural Environment and Forest Sciences / Agricultural Management and Information Science (2) Internship / field trip (3) Writing a master thesis which contributes to solving the problems in their respective countries</p>	IMPLEMENTING PARTNER	Graduate School of Agriculture and Graduate School of Engineering, Tottori University		
	JICA CENTER	JICA Chugoku		
	COOPERATION PERIOD	2008~2010		
	REMARKS	Participants will be awarded with Master's Degree in Agriculture from Tottori University upon successful completion of this program		


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 The participants are expected to achieve the followings; Agricultural policy and food supply–demand planning based on agricultural statistics will be prepared and arranged at participant’s organization.</p> <p>【Expected Results】 To achieve this program objective, participants are expected in Japan;</p> <ol style="list-style-type: none"> To improve the ability in agricultural policy making and food supply–demand planning towards sustainable agricultural production, To enhance further understanding of the necessity to improve agricultural statistics for agricultural policy making and food supply–demand planning, To consolidate knowledge on the methods of planning, designing and implementing agricultural census and sample survey suitable to respective country, To acquire knowledge of the quick–working and effective means of implementing statistical survey utilizing new technologies, and To obtain know–how to prepare the action plan for agricultural policy making and food supply–demand planning utilizing agricultural statistics. 	<p>【Target Organizations】 Agricultural administration agencies of the central government (ex. Ministry of Agriculture, etc.) which has Department / Bureau responsible for agricultural statistics or agricultural policy making and/or food supply–demand planning.</p> <p>【Target Group】 1. Officers who are statistics specialist, or holding the position of deputy (assistant to) head of policy making or statistics division. 2. have more than 5 year’s experience working in the central governmental agencies or other related organizations. 3. be able to operate the personal computer and software (cf. Word, Excel, PowerPoint, etc.) up to a certain level.</p>	
CONTENTS	PROGRAM PERIOD	Jul.21.2009 ~ Sep.5.2009
<ol style="list-style-type: none"> Preliminary Phase in a participant’s home country (by participating country side) Making “Inception Report” to list up related issues confronting the organization the participant is affiliated to and share the views with colleagues. The Report should be including; <ol style="list-style-type: none"> To clarify, analyze and recognize the CONTEXT to agricultural policy making and planning based on agricultural statistics by use of the concept of Capacity Assessment General situation on agricultural policy making and implementation, and on agricultural statistics, etc. Core Phase in Japan <ol style="list-style-type: none"> to improve the ability in agricultural policy making and food supply–demand planning towards sustainable agricultural production. to enhance further understanding of the necessity to improve agricultural statistics for agricultural policy making and food supply–demand planning. To consolidate knowledge on the methods of planning, designing and implementing agricultural census and sample survey suitable to respective country. to acquire knowledge of the quick–working and effective means of implementing statistical survey utilizing new technologies. to obtain know–how to prepare the action plan for agricultural policy making and food supply–demand planning utilizing agricultural statistics. Finalization Phase in a participant’s home country (by participating country side) <ol style="list-style-type: none"> To hold workshop on agricultural statistics as well as agricultural policy making and food supply–demand planning using knowledge and experiences in Japan, by ownership of participating organization. Approved by participant’s organization of Action Plan Participant implement the activities based on the approved Action Plan. Participants make and submit the “Progress Report” on situation of implementation of Action Plan, ⑤ Participants make and submit the “Final Report” on results of implementation of Action Plan. 	IMPLEMENTING PARTNER	Food Marketing Research and Information Center
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2007~2009
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Farm machinery and tools developed by participants through the training will be disseminated to small-scale farmers.</p> <p>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, government officers, reserchers, instructors and technicians dedicated for farm machinery production in rural areas or agricultural extension workers.</p> <p>(2) Expect to continue the rural development after the training</p> <p>(3) University graduates or equivalent</p> <p>(4) Age: 25-45 years old</p>	
CONTENTS	PROGRAM PERIOD	Feb.8.2010 ~ Oct.16.2010
<p>1. Preparatory phase</p> <p>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 (from the viewpoint of agricultural productivity and reduction of workload for women & youth labor)</p> <p>(2) Tentative analysis for solving identified issues</p> <p>(3) Availability of facilities for farm machinery production such as machine tools, materials, workshop and relevant conditions</p> <p>2. 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>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> <p>3. 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 within a year after return.</p>	<p>IMPLEMENTING PARTNER</p> <p>TSUKUBA INTERNATIONAL CENTRE, JICA</p> <p>JICA CENTER</p> <p>JICA Tsukuba</p> <p>COOPERATION PERIOD</p> <p>2005~2009</p> <p>REMARKS</p>	<p>JICA will implement a survey on the activities undertaken by participants. Reports sent by participants are considered as final reports.</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		GROUP  0980211
		Agricultural/Rural Development—Rural Development
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 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>【Expected Results】 1. To make job reports through a preliminary activity. 2. To learn the following methods through the training in Japan: (1) 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. (2) To learn rural development planning methods in Japan’s local administrative organizations, and become able to adapt such methods to their responsible areas. (3) Become able to establish farmers’ organization support policies in the responsible areas, through learning management methods of farmers’ organizations in Japan. 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. (2) Individuals in central or local government in the field of rural agricultural development with more than 5 years of experience. (3) Under 50 (fifty) years of age; (4) University graduates or equivalent; (5) Proficient in speaking and writing English. (6) Individuals in good health, physically and also mentally, to undergo the course of training. (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.16.2009 ~ Dec.20.2009
<p>1. To learn participatory rural development methods (1) Participatory rural development and gender (2) Rural restoration process after the War (3) Introduction of overseas participatory development examples (4) PCM Workshop</p> <p>2. To learn rural planning methods (1) Rural planning methods (2) Agricultural and rural development in Japan (3) Rural social and economical surveys (4) Systems of enterprises and planning in local municipalities</p> <p>3. To learn methods of making farmer’s organization (1) Activities of agricultural cooperatives/Organizing farmers (2) Activities of livelihood improvement groups and entrepreneurs’ groups (3) Roles of farmers’ organizations (water-users’ associations)</p> <p>4. To make reports, action plan, etc. (1) Job report presentation meeting (2) Action plan presentation</p>	IMPLEMENTING PARTNER	Under planning
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2006~2010
	REMARKS	


Cattle Artificial Insemination Extension System 牛人工授精普及システム		GROUP 	0980714
Target Countries: Countries with a meat cattle industry		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>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.</p> <p>Through the training program, participants are expected:</p> <ol style="list-style-type: none"> 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 improve in the respective countries. 	<p>Be engaged in administration, research and/or extension works in the livestock industry, holding a veterinarian's license or artificial inseminator's license.</p> <p>University graduate or equivalent academic background and practical experience.</p> <p>Under 40 years old in principle.</p>		
CONTENTS	PROGRAM PERIOD	May.19.2009 ~ Aug.15.2009	
<p>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:</p> <ol style="list-style-type: none"> (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	JICA Tohoku	
	COOPERATION PERIOD	2006~2010	
	REMARKS		


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Researchers who are in charge of Conservation and Sustainable Use of Plant Genetic Resources become to prepare Action Plans of technical transfer to their own job and their organization.</p> <p>【Expected Results】 1. A well summarized report to explain the present status of the countries and their institutes 2. A report compiled to explain the conservation of plant genetic resources the activities of the countries 3. Capacity building on integrated knowledge and technology concerning plant genetic resources research fields 4. Acquisition of research capacity on plant genetic resources research through implementation and data analysis of individual experiments 5. A proposal to transfer and use obtained knowledge and experimental techniques after going back to their countries</p>	<p>Applicants should: (1) be university graduates or equivalents, MSc holder preferable but non Ph. D. holders, (2) be presently engaged in research work in the field of plant genetic resources with more than 3 years of experience, (3) be over 25 and under 40 years of age, (4) have a sufficient command of spoken and written English to be able to conduct research</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.7.2009 ~ Nov.1.2009</p>
<p>1. Participants are requested to compile an inception report on the present situation on the plant genetic resources, problems to be solved, and research capacity of the countries and especially of their affiliated institutes. 2. Participants are requested to understand prevailing international situation on plant genetic resources and the present status of their countries. 3. Participants have to acquire necessary knowledge and technology for exploration, conservation, information management, evaluation and utilization of plant genetic resources in relation with crop breeding. 4. Participants should acquire necessary experimental techniques and research capability by making plans, implementation and data analysis of individual investigation of topics on plant genetic resources. 5. Participants should make a proposal to transfer knowledge and experimental methodology obtained to their affiliated institutes and other institutes in their countries.</p>	<p>IMPLEMENTING PARTNER</p>	<p>National Institute of Agrobiological Sciences (NIAS)</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	


Rice Cultivation Techniques Development 稲作技術開発		GROUP  0980771
		Agricultural/Rural Development—Agricultural Development
		8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 To acquire rice cultivation techniques and methods of assessment of traditional techniques based on local needs through conducting experiments, themes of which are decided by the participants' organizations, and to formulate an authorized Action Plan for capacity development of the participants' organization.</p> <p>【Expected Results】 1.Participants analyze technical and organizational issues on development rice cultivation techniques and organizations. 2.Participants understand fundamental rice cultivation techniques and methods of research. 3.Participants conduct individual experiment and write experimental report based on the results of it. 4.Participants understand various knowledge and methods for solving issues on development rice cultivation techniques. 5.Participants formulate Action plan for solving issues on development rice cultivation techniques and the plan is authorized by the organization.</p>	<p>【Target Organizations】 Administrative Body, Research and Experiment Station, Extension Center, etc.</p> <p>【Target Group】 1.Researchers or technicians in the field of rice. 2.At least 3 years of experience in the above field 3.University graduates or with equivalent background in the Agronomy</p>	
CONTENTS	PROGRAM PERIOD	Feb.8.2010 ~ Nov.14.2010
<p>【Preparatory Program】 1.Analyzation of issues on development rice cultivation techniques and organizations <Preparation of Inception Report></p> <p>【Program in Japan】 2.Acquisition of basic techniques on rice cultivation (Morphology, Physiology and Ecology, Soil Environment and Physiology of Plant Nutrition, Rice Breeding, Weed Control, Diseases and Insect Pests) and basic research methods (Statistical Analysis, Referring scientific literature) <Lectures, Observations and Practices, Study Tours></p> <p>3.Implementation of indivisual experiment <Preparation and presentation of technical report></p> <p>4.Acquisition of various knowledge and methods for solving issues (Extension methods, Project Cycle Management) <Preparation of Action Plan></p> <p>【Post Program】 5.Discussion, revision, authorization and submission of Action Plan</p>	IMPLEMENTING PARTNER	Overseas Agricultural Development Organization (OADA)
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008~2010
	REMARKS	

Foodborne Infection Prevention 食品微生物検査技術		GROUP 	0980808
Target Countries: Country which needs to improve food security and quality.		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 A plan to diffuse microbial examination techniques for upgrading inspection capability will be formulated by food inspection organization.</p> <p>【Outputs】 (1) To share information on the current situation and issues of participating countries (2) To be able to explain about the features of main pathogenic microorganisms causing food infection and latest inspection methods b (3) To be able to explain about the concept and practice of GLP (Good Laboratory Practice) (4) To be able to practice rapid and simplified techniques (5) To formulate action plan (interim report) on use of acquired knowledge and skills to share with lab staff in the same organization</p>	<p>【Target Organizations】 Governmental and non-governmental organizations in the field of food microbial inspection</p> <p>【Target Group】 (1) Current Duties: be a researchers or technical officer presently engaged in food microbial inspection in laboratory. Inspectors engaged only in sampling are not suitable for this course. (2) Experience: have more than three (3) years' experience in the field of food microbial control (3) Educational Background: be a graduate of university or equivalent</p>		
CONTENTS	PROGRAM PERIOD	Feb.1.2010 ~ May.1.2010	
<p>This program aims to upgrade the technical skills and methods necessary for conducting proper food microbial inspection to prevent foodborne infection and health hazards.</p> <p>【Preliminary Phase in a participant's home country】 Formulation and submission of job report. Preparation for the report presentation</p> <p>【Core Phase】 <u>Related to output (1):</u> Lectures and Presentation Presentation of job report and following discussion. Food Sanitation Law and monitoring of imported foods <u>Related to output (2):</u> Lectures and Lab Practices Present situation of foodborne infection in Japan Standardization of examination methods for foodborne microorganisms Alternative methods which are not approved officially in Japan Food poisoning bacteria and inspection method (<i>Listeria</i>, <i>Campylobacter</i>, <i>Clostridium perfringens</i>, etc.) Microbial examination for Food Standards (<i>Salmonella</i>, <i>E-coli</i> O157 etc.) Isolation and identification of coliforms, <i>Staphylococcus aureus</i>, etc. Inspection of Norovirus and Protozoa <u>Related to output (3):</u> Lectures and Lab Practices Examination for Pathogenic <i>Vibrio</i>, GLP <u>Related to output (4):</u> Lectures and Lab Practices Simple and rapid inspection method of foodborne bacteria such as ELISA, EIA, Chromogenic medium, PCR, etc. <u>Related to output (5):</u> Making and presentation of action plan Guidance sessions on the theme of action plan</p> <p>【Finalization Phase in a participant's home country】 Explanation of the action plan and submission of its final report compiled by a participating organization to JICA three (3) months after the return.</p>	IMPLEMENTING PARTNER	Kobe Quarantine Station, Ministry of Health, Labour and Welfare	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Current issues such as Norovirus, <i>Campylobacter</i> , <i>E-coli</i> O157, etc. are included in the curriculum in order to meet the needs of participating countries.	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 the agricultural extension workers realize implementation of IPM plan suited for the climatic, economic and social conditions of each participating country for farmers in the jurisdictional area of the organizations to which participants belong. The participants should learn global needs for sustainable system not only for food production but in conservation of landscape and biodiversity.</p> <p>【Outputs】 (1) To be able to explain about the background, theoretica basis and practices of the Integrated Pest Manamement (IPM). (2) To be able to explain about plant diseases; diagnosis and control plan. (3) To be able to explain about insect pests; diagnosis and control plan. (4) To be able to explain about weeds; diagnosis and control plan. (5) To be able to explain about chemical control, biotechnological method, etc. (6) To make IPM plan suited for each country (7) To implement IPM plan</p>	<p>【Target Organizations】 central and local governmental organizations including research organizations, universities and extension offices in the field of plant protection</p> <p>【Target Group】 Technical officers in charge of plant protection</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.25.2009 ~ Sep.5.2009</p>
<p>【Preliminary Phase in a participant's home country】 Formulation and submission of Job Report</p> <p>【Core Phase in Japan】 (1) Lectures on the theory and application of Integrated Pest Management to control plant pests; visiting institutes of advanced researches; feld practices at applied experimental stations. (2) Discussion on infection mechanism and control of plant pathogens; laboratory practices in the identification, inoculation experiments, and genetic analyses of resistance. (3) Discussion on forecasting and control of pest insects, including biological control: laboratory and field practices in the insect rearing, insect population estimation, propagation of natural enemies, and genetic analyses of resistance. (4) Discussion on theory and practice of weed control; laboratory practices in the chemical and ecological control of weeds. (5) Discusssion on chemical control and advanced biological technology, including GMO, for pest management; laboratory practices in the synthesis and bioassey of bioactive substances. (6) IPM Plan preparation and presentation</p> <p>【Finalization Phase in a participant's home country】 Application and implementation of IPM plan in the participant's country and submission of its progress report</p>	<p>IMPLEMENTING PARTNER</p>	<p>Graduate School of Agricultural Science, Kobe University</p>
	<p>JICA CENTER</p>	<p>JICA Hyogo</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	


Thermal treatment for the disinfection of fruit flies ミバ工類温度処理殺虫技術		GROUP 	0980824
Target Countries: Presence of economically damage fruit flies in the country		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Plant quarantine technicians in countries infested with fruit flies acquire quarantine treatment techniques suited to their conditions.</p> <p>【Outputs】 To reach the objective, participants are expected to achieve the following: (1) Participants can explain how to rear fruit flies in laboratories and how to make infested fruits for the disinfection test. (2) Participants can explain the procedures of a series of thermal disinfection test and the methods of experimental data analysis, after actually conducting these trials in the heat treatment and the cold treatment. (3) Participants can explain the procedures of a series of fruit heat or chilling injury test and the methods of experimental data analysis, after actually conducting these trials. (4) Participants can explain the fruit fly eradication program and the control of fruit flies, Japanese distribution system for imported agricultural commodities and the plant quarantine system in the participant's countries and Japan, after getting information about them. (5) Participants can explain about the problems of fruit flies, and can make an action plan for them.</p>	<p>【Target Organizations】 Plant quarantine organization</p> <p>【Target Group】 (1) Current Duties: be engineers of plant quarantine treatment(s) (vapor heat, cold treatment, etc), inspectors and officials of plant protection sectors (2) Experience: have experience in the plant quarantine works and have sufficient knowledge about fundamental entomology such as fruit flies (3) Educational Background: be university graduate or equivalent (4) Language: have a good command of English enough to make an oral presentation and write a report (5) Age: be under forty-six (46) years of age</p>		
CONTENTS	PROGRAM PERIOD	May.12.2009 ~ Sep.5.2009	
<p>This program is designed for plant quarantine sections of central or local governments to disseminate effective and suitable techniques for plant quarantine to develop their knowledge and skills which enable to participate in international trade.</p> <p>1.Preliminary Phase in a participant's home country (1)Analysis current issues in plant quarantine in participants' jurisdictional areas and their organizations (2)Formulation and submission of Job Report to JICA together with Application Form</p> <p>2.Core Phase (activities in Japan) (1) •Morphology and Taxonomy of fruit flies (Lecture and Exercise), •Genetic analysis (Lecture and Exercise), •Ecology and rearing methods of fruit flies (Lecture and Exercise), •Preparation of the Infested fruit (Exercise) (2) •Disinfection methods on plant quarantine (Lecture and Observation), •Techniques of disinfection test in heat and cold treatment (Lecture and Exercise) (3) •Fruit injury test in vapor heat and cold treatment(Lecture and Exercise),, •Method of data analysis in fruit injury test(Lecture and Exercise) (4) •Plant Quarantine system in Japan (Lecture and Observation), •Eradication Techniques for Pests (Lecture and Observation), •Japanese distribution system for imported agricultural commodities (Lecture and Observation) (5) •SWOT Analysis(a method of issue analysis) (Lecture and Exercise), •Drafting and Presentation of Action Plan (Exercise and Discussion), •Writing and Presentation of Final Report (Exercise)</p> <p>3.Finalization Phase (activities in home country) Application and implementation of the action plan back in the participants' countries and submission of their progress report to JICA in six (6) months after the end of the phase in Japan</p>	IMPLEMENTING PARTNER	Naha plant protection station, Ministry of Agriculture, Forestry, and Fisheries	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Expectations for the Participants: be related with JICA programs in this field will be preferable	


Poultry Production, Management and Disease prevention Technology 鶏飼養管理・生産技術及び鶏病対策		GROUP 	0980826
		Agricultural/Rural Development—Agricultural Development	
		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 The program point is dissemination of the knowledge and technology for poultry industrial promotion suitable for the area condition and therefore supervision, lead and advice of the administrative officer or the technical expert of the educational institution at the national or the regional level are necessary.</p> <p>【Outputs】 (1)No1 To understand Feeding Management in poultry, and to be able to conduct and disseminate poultry management suitable for the area condition and poultry performance. (2)No2 To understand Reproduction and Breeding in poultry, and to be able to apply the result to breeding and multiplication of breeds suitable for the area condition. (3)No3 To understand Nutrition and Feed, and to be able to apply the result to designing feed (4)No4 To understand Health control measures in poultry, especially basic disease control concerning avian flu, and to be able to conduct and disseminate proper prevention of disease for the environmental condition. (5)No5 To understand comprehensive knowledge and skills on poultry farming, and to be able to plan poultry industry development policy suitable for the area condition.</p>	<p>【Target Organizations】 administrative organ, technical extension organ and research and educational institute</p> <p>【Target Group】 (1)Farming administrative/technical extension staff in central and local government/institute (2)Individuals who have more than 3 years experiences in poultry (3)University graduates or equivalent (4)Individuals with a good command of English (5) Age: under 45 years old (6) Individuals in good health, both physically and mentally, to undergo the course of rigorous training (7)Must not be serving any form of military service</p>		
CONTENTS	PROGRAM PERIOD	Aug.25.2009 ~ Nov.28.2009	
<p>(1) •Lecture on: 1) metabolism and feeding management for improving growth and egg productivity, 2) growth of the embryo. Practice on egg candling, observation of hatching, selection of normal chicks and calculation of hatching rate, 3) rearing chick management and chick sexing (incl. practice), 4) manure fermentation and utilization and visit to related institute, 5) transition, current situation and future prospect of facilities for poultry production and visit to relate to facilities and institutions. (2) •Lecture and practice on reproductive physiology. • Practice on semen collection and artificial insemination. • Lecture on the history of poultry domestication in Japan and basic theory of genetic improvement. (3) •Lecture on: 1) outline of poultry nutrition, 2) nutritional characteristics of common feed and the ones which are used in the developing countries, 3) theoretical feed designing method (incl. practice), 4) utilization of byproducts to livestock feed and visit to related facility. •Practice on proximate analysis method of feed ingredients. (4) •Lecture and practice on epidemic prevention (disinfecting method of poultry houses and equipment, the type of vaccines and their applying methods, diagnostic method of major infectious disease, quarantine of imported animal). Visit to related institutions. • Lecture on health control measures based on the lecturer's experience in developing countries. • Lecture and practice on symptoms, diagnoses and autopsied findings of major infectious disease especially focus on avian flu. • Explanation on the outbreak of avian flu in Japan (Yamaguchi, Okayama and Kyoto pref.) and the measure of the government. • Lecture on zoonotic infection and its preventive measures. (5)• Lecture and practical training on basic knowledge of rural development. • Lecture on dissemination condition of all the country of the world. • Lecture on promoting indigenous breed chicken production and rural revitalization. Visit to related organizations. • Making, presentation and discussion about Action Plan by every participant. • Lecture and practice on PCM (Project Cycle Management) method. • Lecture on marketing of eggs and chicken. Visit to related organizations and institutions.</p>	IMPLEMENTING PARTNER	National Livestock Breeding Station Incorporated Administrative Agency	
	JICA CENTER	JICA Tohoku	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

Soil Diagnosis Technology for Sustainable Agricultural Production and Environmental Conservation 持続的農業生産と環境保全のための土壌診断技術		GROUP  0980850
		Agricultural/Rural Development—Agricultural Development
		7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Soil diagnosis (physical, chemical and biological) techniques and its usage are shared with researchers and engineers in the target organization.</p> <p>【Outputs】 To attain the objective, participants are expected to achieve the followings: (1) To be able to explain the relationships between agriculture and weather, terrain and soil conditions, (2) To be able to explain the concepts and methods of soil diagnosis to achieve the stable and added value agricultural production, (3) To be able to explain the concepts and methods of proper management and dissemination toward sustainable agriculture, (4) Activity plans (Interim reports) concerning dissemination of techniques is worked out, (5) To be transmitted the knowledge and techniques based on the activity plans.</p>	<p>【Target Organizations】 Agriculture related organizations implementing or considering the introduction soil analysis and diagnosis</p> <p>【Target Group】 (1) Researcher, analyst or university teaching staff of soil analysis (2) More than 3 year practical experience in soil analysis and technical guidance of cultivation (3) Age: 27-50 years old</p>	
CONTENTS	PROGRAM PERIOD	May.10.2009 ~ Jul.31.2009
<p>【Preparatory phase】 Submit an Inception report which includes contents of work, facing problems, particular interest in the program and its reason. Fill out the questionnaire.</p> <p>【Program in Japan】 This program consists of lectures, practical exercises, observations and discussions of the following contents: (1) Agricultural overview on world's and Japan's, especially Tokachi agriculture (2) Introduction to soil diagnosis (Soil analysis, utilization of soil diagnosis) (3) Soil improvement techniques (Water quality, soil heavy metal analysis and cooperation between farming and stockbreeding) (4) Project Cycle Management (5) Analyze the problems described in the Inception report and make a practical Interim report on activity objective after returning home, expected outputs and major contents of activities.</p> <p>【Program in home country】 In accordance with the Interim report, submit the Final report including the progress of activities within 6 month.</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2009~2011
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 The plan of dissemination of vegetable cultivation technology extracted as a problem in responsible area is made in belonging organization</p> <p>【Expected Results】 1. To be able to explain the situation and problems of both vegetable cultivation in small scale farmers and vegetable technology extension system 2. To be able to demonstrate Japanese useful vegetable cultivation technologies 3. To be able to demonstrate the vegetable cultivation technologies, which participants extracted before. 4. The draft plan (or, teaching materials plan) for disseminating the vegetables cultivation technology extracted as a problem in a small scale farmers is summarized as an action plan 5. Making a final action plan after consideration of the action plan in the belonging organization</p>	<p>【Target Organizations】 The organization of responsible for vegetable production or extension, such as agricultural research institute or university, agricultural extension institutes and NGO.</p> <p>【Target Group】 Personnel with work experiences in vegetable production or extension for more than 3 years.</p>	
CONTENTS	PROGRAM PERIOD	Feb.7.2010 ~ Nov.13.2010
<p>This program is designed for the organization such as agricultural research institute or agricultural extension institutes, to learn the basic vegetable cultivation technology, develop the capacity to adapt the technology to the respective countries and make a dissemination plan of it.</p> <p>【Program in Japan】Making and presentation of Inception Report 【Program in Japan】Common lecture and experiments (Main topics)(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 【Program in Japan】Individual experiments planning, implementing and compiling (Topics are considered based on extracted problems) 【Program in Japan】Action plan making 【Post Program】Considering the action plan in belonging organization, and submit the output as a final report</p>	IMPLEMENTING PARTNER	JICA Tsukuba
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2009~2011
	REMARKS	Individual experiment will be planned according to the issues that each participants or their institutions analyze.


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Participants develop self-reliant capacity to control animal diseases including transmissible diseases between human being and animals and assure safe-food. In addition, participants practice concrete activities to improve problems of the belonging organization, after returning to the respective countries.</p> <p>【Expected Results】</p> <ol style="list-style-type: none"> 1. To learn necessary technologies to diagnose and prevent animal disease 2. To learn necessary comprehensive knowledge about animal research 3. To learn data analysis and reporting of research papers 4. To practice technologies, knowledge and skills gained 	<p>【Target Organizations】 National Institute and universities of veterinary research, Institutes for animal diseases diagnostics</p> <p>【Target Group】 *Veterinarian who is not on the register in military forces *More than 5 (five) years experience in related fields *25~45 years old *Sufficient command of spoken and written English to be able to conduct research</p>	
CONTENTS	PROGRAM PERIOD	Mar.25.2010 ~ Oct.31.2010
<p>Participants develop research capacities in designing, planning, reporting and evaluation and establish systems to solve problems in animal health in respective countries.</p> <ol style="list-style-type: none"> 1. Training, example lecture, inspection, investigation to carry out the researches identifying and solving problems related to animal health , animal disease(virus, bacteria, eumycetes, protozoan, parasite, prion etc), diagnosis for production, toxicity, pathology, epidemiology, genetic engineering. 2. For knowledge acquisition of attendance of the latest lecture of the veterinarian subject and contribute to effective progress of the individual training. In addition, by trip of training to veterinarian related facility and learn it about the duties, organization and contribute to the acquisition of practical use. 3. Development of persons by training till they announce it in final report. 4. Development of PCM technique and lecture of the action plan, technical guidance assuming the practical to carry out the research contributing to the development of country after return home. In addition technical guidance for the member of training performed after return home if necessary. 	IMPLEMENTING PARTNER	National Institute of Animal Health
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2009~2011
	REMARKS	<p>The problem solving on the domestic animal hygiene in each country concerned is supported by guiding the taking summary of the execution result with technical support, when putting the action plan into reality after participants return home.</p>

Appropriate Management of Land and Water Resources for Effective Utilization in Arid/Semi-arid Regions 乾燥地における土地・水資源の適正管理と有効利用		GROUP 	0980890
Target Countries: Africa, Arabian countries where aridity index is less than 0.5		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Chief engineers of central and regional government who are in charge of land and water resources management, and researchers in the same field, will acquire necessary knowledge for the proper management of land and water resources, and disseminate what have acquired to within respective organizations in their home countries.</p> <p>【Outputs】 To achieve the above mentioned objective, the participants will acquire sufficient knowledge and skills in the following fields: (1) monitoring and analysis of land and water resources (2) proper utilization of water resources (3) field water management (4) land use and land management (5) wholesome agricultural and rural management</p>	<p>【Target Organisations】 Government agencies in charge of the management of land and water resources, and research organisations in the same field</p> <p>【Target Group】 Job position: technical officers and researchers in the fields concerned, who are expected to take supervising roles in the respected organizations Work experience: more than 5 years of experience in the fields concerned Age: less than 50 years of age</p>		
CONTENTS	PROGRAM PERIOD	Jun.12.2009 ~ Aug.21.2009	
<p>This program aims to promote sufficient knowledge and skills for proper management of water and land resources in African and Middle-Eastern countries, where lands are covered with arid and semi-land areas. The program is divided into 3 parts: 1.technical training period in Japan, 2.complementary training period in Egypt, and 3.post-training period, in which the participants are required to disseminate what have acquired within their respective organisations, and submit a report to JICA about their post-training activities, e.g. workshops. The course consists of lectures, site-visits, and discussions. (1)Agricultural Land and Water Management Acts in Japan (2)Water Resource Management (3)River System Management (4)Management of Irrigation and Drainage Facilities (5)Field Water Management (6)Management of Soil Physical Properties (7)Plant Management (8)Soil Management and Fertilization (9)Rural Management (10)Environmental Impact Assessment (11)Management of Geographical Information (12)Surface Water Hydrology and Flood Control (13) Application of GIS in Hydrology (14)Water Quality and Protection</p>	IMPLEMENTING PARTNER	Faculty of Agriculture, Tottori University	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2009~2011	
	REMARKS	After the technical training period in Japan, participants will go to Egypt, which has similar problems as where the participants are from, and have practical training for 3 weeks.	


Agricultural Infrastructure Improvement in the Fields for Rural Development 農村開発のための畑地帯における農業基盤整備		GROUP 	0980903
		Agricultural/Rural Development—Agricultural Development	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Expertise on construction plans and execution management is shared by engineers in the target organizations.</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings: (1) To be able to identify challenges about the legal system, processes up to the drafting of plans and project implementation systems, environmental considerations etc., by comparing the situations of target countries with those of Japan, (2) To be able to make judgments about the appropriateness of infrastructure improvement projects in terms of technical levels, economic viability, and environmental and social considerations, (3) To be able to explain typical construction methods in agricultural infrastructure improvement projects as well as highly versatile expertise and techniques, (4) To be able to identify short-, mid- and long-term challenges with regard to execution management and safety measures, (5) to be able to independently prepare audio-visual teaching materials for dissemination of expertise.</p>	<p>【Target Organizations】 Organizations implementing agricultural infrastructure improvement projects</p> <p>【Target Group】 1) leading engineers with experience in surveying, planning, construction management or infrastructure management for land improvement (irrigation, drainage, agricultural land improvement, disaster prevention) in crop field farming, 2) Those who have more than 3 years of practical experience in the relevant fields 3) Age: Under 50 years old</p>		
CONTENTS	PROGRAM PERIOD	May.17.2009 ~ Aug.8.2009	
<p>【Preparatory phase】 To submit an Inception report which includes an introduction of work, problem and its reason, and the expected solutions in the target organization.</p> <p>【Program in Japan】 This program consists of lectures, practical exercises, observations and discussions of the following contents: (1)Administrative organizations, the food situation and legislative systems in Japan, Affairs of the Tokachi region (history, land improvement projects, weather conditions, agriculture and agricultural cooperative organizations), explanation of projects to local residents, environmental and social considerations (2)Economic effects and project evaluation/multilateral evaluation of land improvement projects, environmental measures, utilization of satellite data, operation of agricultural machinery, biogas plants, Project Cycle Management (3)Irrigation and drainage in the fields (headworks, pipelines), planning and designing farm ponds, reorganization of farmland, disaster prevention on farmland, farm roads, farmland development, characteristics of civil engineering materials and utilization (4)Safety measures, execution planning/management (5)Preparation and utilization of teaching audio-visual materials for dissemination purposes (6) To make the Interim report including extension activities in participant's home country</p> <p>【Program in home country】 To carry out trainings to the engineers of the target organization utilizing audio-visual teaching materials for dissemination of expertise, and submit the Final report on the activities.</p>	IMPLEMENTING PARTNER	Hokkaido Regional Development Bureau	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2009~2011	
	REMARKS		


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will write and propose Action Plans to introduce animal food hazard reduction measures including HACCP in their organizations.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1)To understand the systems of food safety administration in Japan. (2)To understand food inspection methods of the international standard. (3)To understand theories and techniques of hygiene control for livestock food products at the production, proceeding and distribution stages. (4)To formulate Action Plans to utilize/introduce food hazard reduction measures including HACCP.</p>	<p>(1) This program is designed for examiners and inspectors concerned with production, processing and distribution of food, especially of animal food, at central or local government organizations, or those who are engaged in epidemiology at universities. (2) University graduates (3) Over 25 and under 45 years of age</p>	
CONTENTS	PROGRAM PERIOD	Jul.28.2009 ~ Sep.17.2009
<p><Preparatory phase> Formulation of Country Report <Phase in Japan></p> <p>Lectures: Outline of food sanitation (hygiene control, safety measures against food poisoning), Food production (meat processing, HACCP),Distribution system, etc.</p> <p>Practical exercises: Meat/dairy production, Detection of bacterium, Introduction of HACCP, etc.</p> <p>Observation: Meat production, Dairy production, Large-scale dairy farm, Wholesale market, etc.</p> <p>Others: Country Report, Action Plan, Discussion <Finalization Phase> Application and implementation of the Action Plan back in the participant's home country. Submission of the final report describing the progress of implementing the Action Plan.</p>	IMPLEMENTING PARTNER	RAKUNO GAKUEN UNIVERSITY
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2005~2009
	REMARKS	


Irrigation and Drainage for Rural Development かんがい排水・農村開発		GROUP  0980923
		Agricultural/Rural Development—Agricultural Development
		11 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 To develop the capacity of irrigation and drainage engineers to carry out agricultural infrastructure improvement with consideration of their application, participation, sustainability and environmental conservation entirely</p> <p>【Expected Results】 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</p>	<p>(1) Individuals presently engaged in actual irrigation and drainage works (2) University graduates or equivalent with at least 5 years of experience in their specialties (3) Age: over 25 and under 40 years old</p>	
CONTENTS	PROGRAM PERIOD	Feb.8.2010 ~ Oct.30.2010
<p>The following subjects are addressed throughout lectures, discussions, experiments, practical exercises, workshops and field visits:</p> <ol style="list-style-type: none"> 1. Agricultural infrastructure improvement 2. Agricultural land conservation and agricultural infrastructure maintenance 3. Rural development, irrigation and drainage technology <p>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.</p>	IMPLEMENTING PARTNER	JICA Tsukuba
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2005~2009
	REMARKS	


Agricultural Extension Planning and Management 農業普及企画管理者		GROUP  0980926
		Agricultural/Rural Development—Agricultural Policy and System
		15 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 The capacities will be developed to be able to make an effective agricultural extension promotion plan, focused on the planning, operation, progress management and evaluation of the developing countries.</p> <p>【Expected Results】 1. Write a INCEPTION 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: 1) the outline and principles of extension service (its structure, background, process behind agricultural improvement and status of administration & management of extension services in Japan), 2) the methods of progress management and evaluation of extension services, 3) the methods of extension planning, management and making of extension programs, 4) the method of training for extension personnel, 5) the method to identify problems and tasks by analyzing the state of extension services in their own countries 3. Make an action plan integrating the knowledge and experiences gained from the training program</p>	<p>【Target Organization】 Central or local government or NGO in the field of agricultural extension services</p> <p>【Target group】 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</p>	
CONTENTS	PROGRAM PERIOD	Jun.30.2009 ~ Sep.4.2009
<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	JICA Tsukuba
	COOPERATION PERIOD	2005~2009
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Participants are expected to revise and conduct 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 economy. To reach the objective, participants are expected to achieve the following:</p> <p>【Expected Results】</p> <ol style="list-style-type: none"> 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 methods such as PCM 	<p>【Target Organizations】 Central / local government or related NGOs (Non-governmental organizations) including farmers' organizations and agricultural cooperatives currently capable of managing projects at the offices of agricultural cooperative service.</p> <p>【Target Group】</p> <ol style="list-style-type: none"> 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 	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.11.2009 ~ Jul.16.2009</p>
<p>This program consists mainly of lectures, discussions and field trips. The main topics covered are:</p> <ol style="list-style-type: none"> 1. History and development of agriculture and agricultural cooperatives 2. Organizations and business activities of agricultural cooperatives 3. Distribution of Agricultural Products and Purchasing and Marketing Businesses 4. Credit business of Agricultural Cooperative 5. The role and activities of women in rural areas, promotion of rural industry by agricultural cooperatives 6. Farm guidance by agricultural cooperatives 7. Formulation of policy and plans related to agriculture and agricultural cooperatives 8. PCM method for making an Action Plan 	<p>IMPLEMENTING PARTNER</p>	<p>The Institute for the Development of Agricultural Cooperation in Asia</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
	<p>REMARKS</p>	


Distribution of Fisheries Products (focused on wholesale markets) 生鮮食料品流通(水産物)		GROUP 	0980990
Agricultural/Rural Development—Other Agricultural/Rural Development Issues			
Target Countries: Chile, Honduras, Indonesia, Philippines and Vietnam		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>(Objectives) Leading government officials who will be able to implement countermeasures to solve current distribution problems in the field of fisheries products will be fostered.</p> <p>(Outputs) 1. Understand the current problems of your own countries. 2. Understand: - distribution system for fisheries products in Japan. - development process, mechanism and present situation of central wholesale market in Japan 3. Understand: - production and shipment in producing districts in Japan - retail sales, processing in consumer markets in Japan 4. Prepare Action Plan</p>	<p>【Target Organizations】 Governmental organization in charge of food distribution.</p> <p>【Target Group】 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 program of this training course is focused on the wholesale market system and distribution through wholesale markets.) 2. Individuals with a sufficient command of spoken and written English. 3. Individuals with a basic computer skills good enough to handle software such as Word, Excel and Power Point.</p>		
CONTENTS	PROGRAM PERIOD	Aug.17.2009 ~ Oct.23.2009	
<p>(Programs in Japan) 1. Analyze the problems of your own countries by Country Report presentation. The country report presentation is conducted to enhance information sharing and discussion among participants and the training institution so as to find some possible solutions. 2. Understand the following points through lectures, observations and discussion. -distribution system for fisheries products, -history, mechanism, function and management of central wholesale market in Japan 3. Understand the following points through lectures, observations and discussion. - aqua culture and shipment in producing districts - food processing and packaging technology - retail sales in consumer markets 4. Prepare action plan which is to be implemented after returning home countries. (Post project phase) •Sharing action plan among participant's organization and making progress report of action plan by participant's organization.</p>	IMPLEMENTING PARTNER	THE OSAKA MUNICIPAL CENTRAL WHOLESAL MARKET	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2005~2009	
	REMARKS	The topic of this program is carried out with "Fresh fruits and vegetables" and "Fisheries products" every other year. FY 2009 is "Fisheries products"	


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)		R/F 	0984002
Target Countries: Asia		12 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 To implement the effective activities of Agricultural Cooperatives for the development of rural areas.</p> <p>【Outputs】 To reach the objective, participants are expected to 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</p>	<p>【Target Organization】 Agricultural Cooperatives and those supervising organizations 【Target Group】 (1)Current duties: Those who satisfy at least one of the requirements below: a: Management of Agricultural Cooperatives b: Officer who belongs to the organization of supervising Agricultural Cooperatives and who are also in charge of supporting, managing and supervising Agricultural Cooperatives, c: Supervisor on institutional banking in Agricultural Cooperatives (2)Experience in the relevant field: have at least five (5) years of working experience in the relevant field of Agricultural Cooperatives (3) Educational Background: be university graduate or equivalent (4) Language: have a good command of English enough to make an oral presentation and write a report</p>		
CONTENTS	PROGRAM PERIOD	Aug.25.2009 ~ Nov.17.2009	
<p>This program aims to ensure the capacity development of persons in charge of management and administration of Agricultural Cooperatives so that they are able to propose an action plan for improvement on operation and management of Agricultural Cooperatives for rural development.</p> <p>1.Preliminary Phase in a participant's home country (1)Analysis current issues in Agricultural Cooperatives in participants' jurisdictional areas and their organizations (2)Formulation and submission of Job Report to JICA together with Application Form</p> <p>2.Core Phase (activities in Japan) (1)Outline of Japan's Agricultural Cooperatives, Small scale farmers in Okinawa (Lecture and Observation) (2)Management of Agricultural Cooperatives, Human Resource Development for staff members of Agricultural Cooperatives, Activities of women groups in Agricultural Cooperatives (Lecture and Observation) (3)Community development for small scale farmers (Lecture and Exercise) (4)Method of SWOT Analysis, Formulation of an action plan (Lecture and Exercise)</p> <p>3.Finalization Phase (activities in home country) Application and implementation of the action plan back in the participants' countries and submission of their progress report to JICA within six (6) months after the end of the Core Phase in Japan</p>	IMPLEMENTING PARTNER	Okinawa Prefectural Agricultural Cooperatives	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2006~2010	
	REMARKS	Expectations for the Participants: be related with JICA programs in this field will be preferable	


Extension Methodologies of Organic Agricultural Techniques for Small Scaled Farmers for Central America and Caribbean countries 小規模農民支援有機農業技術普及手法		R/F  0984011
Target Countries: Central America and Caribbean Region		Agricultural/Rural Development—Agricultural Development 10 participants / Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Extension plans for small scale farmers, considering to local organic resources, are composed by organizations which are engaged in farming extension plans.</p> <p>【Expected Results】 1. Problems of organic farming spread in participants' own countries can be extracted and be explained. 2. Advanced examples concerning the spread of organic farming technology can be grasped and be explained compared with participants' own countries. 3. General knowledge and the technology in the field of organic farming can be learned. 4. Draft extension plans, which are the guidelines after returning, are composed. 5. Final extension plans concerning organic farming technology are composed and announced.</p>	<p>【Target Organizations】 Administrative agency, research institute, training facility and NGO, which assume roles to extend agricultural technology.</p> <p>【Target Group】 1. Officers, engineers or extensionists who are engaged in the agricultural extension for small scale famers. 2. Personnel with work experiences in the extension of organic agricultural techniques for at least 2 years. 3. Be able to submit the final report in 3 months after their return.</p>	
CONTENTS	PROGRAM PERIOD	Jul.12.2009 ~ Oct.10.2009
<p>This program is designed for participants and their organizations to develop their capacity in the planning of agricultural management and organic farming.</p> <p>1. Through prior activity, inception reports which analyze problems in participants' organizations and targeted areas are composed. 2. Through the local program in Costa Rica, advanced examples in the region that small farmers groups implement organic farming are learned. And also, current situations in participants' targeted areas are analyzed and program reports are composed. 3. Spread techniques and organic farming technology to devise farming plans with the view point of continuous production are learned through lectures, trainings and visits carried out in Japan. 4. Draft extension plans in the sustained organic farming technology are composed and announced. 5. Draft extension plans in the sustained organic farming technology are examined in the departments of participants, and final plans are composed. In addition, the final plans are shared with participants in each country through a remote seminar.</p>	IMPLEMENTING PARTNER	KOIBUCHI College of Agriculture and Nutrition, NPO Fudo, Saitama Prefecture
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2009~2011
	REMARKS	

Upland Rice Variety Selection for Africa アフリカ地域「陸稲品種選定技術」		R/F  0984019
Agricultural/Rural Development—Agricultural Development		
Target Countries: African countries	10 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 The capability of variety selection and varietal characteristic survey of upland rice including NERICA of agricultural technician who is engaged in dissemination of upland rice variety is improved</p> <p>【Expected Results】 (1)To be able to explain the fundamental knowledge in the theory and practice of cultivation and management techniques of upland rice (2)To be able to explain the fundamental knowledge in varietal evaluation and selection in upland rice (3)To be able to explain the fundamental knowledge in the maintenance and multiplication of the breeder's seed and basic seed paddy (4)Making an action plan for rice varietal selection (5)To understand IRRI (International Rice Research Institute) activities and resources for upland rice variety development in each countries</p>	<p>【Target Organization】 Agricultural research institutes engaging in upland rice variety dissemination</p> <p>【Target Group】 <Position> 1.To have professional experience as an officer at an agricultural research institute in the cultivation of rice 2.To have experience as a researcher at a university or NGO officer in the development and instruction in the field of rice cultivation</p> <p><Experience> More than 2 years</p>	
CONTENTS	<p>PROGRAM PERIOD Jul.19.2009 ~ Oct.17.2009</p> <p>IMPLEMENTING PARTNER Under planning</p> <p>JICA CENTER JICA Tsukuba</p> <p>COOPERATION PERIOD 2009~2011</p> <p>REMARKS After the Program in Japan, Program at IRRI(International Rice Research Institute) will be implemented.</p>	
<p>This training is designed for agricultural technician to build ability of variety selection and varietal characteristic survey of upland rice including NERICA</p> <p>【Program in Japan】 1.Rice cultivation technology /Crop growth diagnostic technique, Soil and fertilizer management, Disease and Insect pest control 2.Field techniques in varietal selection, varietal characteristics and observation procedures, grain quality assessment (Mainly for local adaptability tests) 3.Preservation and maintenance of breeder's seed, Basic and Certified seed production technology, Post harvest technology of seed 4.Making and Presentation of Inception report and action plan</p> <p>【Program at IRRI】 5.Low input type upland rice cultivation method in tropic area 6.Same as program in Japan (Mainly for characteristics test, and research activities)</p> <p>【Post Program】Considering and share the action plan in belonging organization, and submit the output as a final report</p>		


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		R/F 	0984049
Agricultural/Rural Development—Agricultural Policy and System			
Target Countries: Central Asia and Caucasus		6 participants /	Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 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>【Expected Results】 1. Method for water management which is in coordination with related government organizations will be understood. 2. Method for consolidation of beneficiary farmers and autonomous management by water users' association with active participation of the farmers will be understood. 3. Water management techniques at the terminal and mechanism of maintenance/operation/renewal for water management facilities will be understood. 4. Action Plan for the enhancement of water users' association will be formulated.</p>	<p>【Target Organization】 Water Users' Associations (WUA) or Federations/Unions of WUA, managing beneficiary area and beneficiary farmers in "Model Areas"*. 【Target Group】 Heads or Secretary Generals of WUA, working in water management and facility management and guidance to beneficiary farmers in target organizations. * 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	Sep.1.2009 ~ Oct.31.2009	
<p>【Preparatory Program】 1.Making Inception Report</p> <p>【Program in Japan】 2.Irrigation Water System:Irrigation system, outline of water management, coordination between government and WUA 3.Land Improvement District: Establishment of WUA, law and regulation for WUA, organization and management system of WUA, Operation of WUA: Budget and accounting, operation of facility, daily work with beneficiary farmers, management committee 4.Maintenance of Facility: Water fee and burden on farmers, maintenance system of facilities, Irrigation on Upland Field, Practice on upland irrigation, canal flow observation 5.Making Action Plan: Rural society, farmers organizations, PRA, PCM workshop</p> <p>【Post Program】 6.Making Final Report</p>	IMPLEMENTING PARTNER	Under planning	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Expected number of participants per country : 2	


Rice Cultivation Techniques for Small Scale and Extension for Africa アフリカ地域 小規模水稲・普及		R/F  0984052
Target Countries: African Countries		Agricultural/Rural Development—Agricultural Development 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 To acquire knowledge in rice cultivation techniques (including water management and post harvest technology) and extension methods and to formulate an authorized Action Plan based on local needs for extension of rice cultivation techniques.</p> <p>【Expected Results】 1.Participants identify constraints in the rice cultivation, fextension system and methods of the target area. 2. Participants understand the basis of paddy rice cultivation techniques and post-harvest technology. 3.Participants understand the basis of extension methods. 4. Participants understand the related knowledge necessary for extension planning. 5.Considering 1.-4. above, participants formulate Action Plan based on local needs.</p>	<p>【Target Organization】 Extention Institutions, NGOs, Cooperatives and Educational Institutions which are related to rice cultivation</p> <p>【Target Group】 To be an extension worker in the field of rice cultivation who has more than 5 years of experience in the field</p>	
CONTENTS	PROGRAM PERIOD	Mar.23.2010 ~ Oct.9.2010
<p>【Preparatory Program】 To identify of issues/constraints in agriculture, rice cultivation and extension in the area. [Preparation of Inception Report]</p> <p>【Program in Japan】 To formulate the draft action plan using the knowledge and techniques obtained through the below-mentioned program in order to solve the problems identified in the Inception Report.</p> <p>1.Basis and application of rice cultivation techniques for small scale including Japanese techniques Basis and application of post-harvest technology in rice Peripheral techniques such as breeding, physiology, soil nutrient management, crop protection, irrigation and drainage, and agricultural experimentation. Mechanized rice cultivation techniques 2.Agricultural extension and cooperative projects in Japan, Farmer to farmer extension Appropriate extension systems for each country Affordable extension methods 3.Midterm presentation of Technical Report. Final presentation of Technical Report. 4.Project Cycle Management (PCM) Capacity Assessment</p> <p>【Post Program】 Finalizing and authorizing the Action Plan after discussion in the participating organization.</p>	IMPLEMENTING PARTNER	Overseas Agricultural Development Association (OADA)
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008~2010
	REMARKS	


Horticulture crop Cultivation and Extension for Africa アフリカ地域 園芸作物・普及		R/F  0984054
Target Countries: English speaking African countries		Agricultural/Rural Development—Agricultural Development 7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 This program aims at market oriented horticultural (vegetable) crop cultivation techniques and efficient agricultural extension approaches to farmers. It also expects the dispersion of knowledge and experience acquired by the participants within their organizations, as well as in the region they work, through discussions and meetings.</p> <p>To achieve this objective, the participants are expected;</p> <p>【Expected Results】</p> <ol style="list-style-type: none"> 1. To be able to extract and analyze the problems in the field of vegetable cultivation / agricultural extension / sales and distribution of vegetables in the region, and develop capacity to solve problems logically 2. To be able to provide extension of appropriate vegetable cultivation technologies to farmers 3. To develop capacity to organize small scale farmers, efficient agricultural system and agricultural techniques development system 4. To learn the market trend of vegetables and plan an appropriate distribution and sale system in participant home country 5. To formulate an action plan based on knowledge and techniques in (2) to (4), and share the technology through discussions and meetings. 	<p>【Target Organizations】 Administrative Organization, Extension Center, and Research Institute related to Horticultural crop cultivation</p> <p>【Target Group】</p> <ol style="list-style-type: none"> 1. Current Duties: presently engaged in vegetable production as extension officers, training instructors or researchers with occupational experience of more than three years 2. Educational Background: be university graduates or have an equivalent academic background, not be doctorate holders 3. To be recommended by the Embassy of Japan or JICA Office in respective countries, (person who participate (or will participate) in JICA's Program or Project is highly recommended) 	
CONTENTS	PROGRAM PERIOD	May.18.2009 ~ Sep.13.2009
<p>【Preparation Program】 1. Problem analysis Formulation of Inception Report</p> <p>【Program in Japan】 2. Problem analysis 1) Inception Report, 2) PCM (Project Cycle Management) workshop 3. Vegetable cultivation techniques 1) Vegetable (Solanaceae, Cucurbitaceae, Brassicaceae, etc.) cultivation techniques, 2) Seed production techniques, 3) Post harvest techniques, 4) Plant nutrition, 5) Crop growth diagnostic techniques, 6) Soil and fertilizer management, 7) Disease, Insect pest and Weed control, 8) Fundamentals of vegetable breeding, 9) Design and analysis of field experiments, 10) Study tour (seed companies, local farmer, etc.) 4. Organization, agricultural extension and agricultural technique development 1) Roles of Farmer's Organization, Agricultural Cooperative, 2) Agricultural extension planning, 3) Vegetable product & development, 4) Case study, 5) Study tour (agricultural cooperative, research center, extension center, etc.) 5. Market, Distribution and Sales of vegetable 1) International trade and Vegetables in East Africa, 2) Distribution of agricultural products, 3) Agricultural processing, 4) Case Study, 5) Study tour (wholesale market, processing of agricultural products, direct sales shop, etc.) 6. Action plan making 1) Action plan making and discussion, 2) Preparation of presentation 3) Presentation, 4) Correction of Action plan</p> <p>【Post Program】 7. Discuss the action plan among the related stakeholders, such as participants' belonging organization, small scale farmers and so on, 2) Making the minutes of meetings of action plan discussion and modify the action plan, 3) JICA Tsukuba will hold a feedback meeting utilizing JICA-Net Remote seminar system</p>	IMPLEMENTING PARTNER	Overseas Agricultural Development Association (OADA)
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008~2010
	REMARKS	

Agricultural mechanization for Central Asia and Caucasus 中央アジア・コーカサス地域 農業機械化システム		R/F 	0984057
Agricultural/Rural Development—Other Agricultural/Rural Development Issues		9 participants	Russian
Target Countries: Central Asia and Caucasus countries			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Participants gain the knowledge and skills on management of farm machinery, association for farm machinery, planning/evaluation for mechanization and make Action Plan to adapt the idea into respective countries.</p> <p>【Expected Results】 1.To understand the construction of farm machinery 2.To understand the method of management for farm machinery 3.To understand the method of planning of mechanization 4.To obtain the technique of management for machinery 5.To formulate Action Plan in order to utilize farm machinery effectively.</p>	<p>【Target Organizations】 Institution or Association in charge of mechanization planning and maintenance for farm machineries for food crops.</p> <p>【Target Group】 1. Who is in charge of 1) management of farm machinery or 2) planning the policy of farm mechanization at target organizations. 2. Who has work experience of 5 years or more 3. Who is under forty five years old, and is a university graduate or with an equivalent educational background</p>		
CONTENTS	PROGRAM PERIOD	Dec.7.2009 ~ Mar.7.2010	
<p>【Preparation Program】 Analysis of the present situation and extraction of issues [Preparation of Inception Report]</p> <p>【Program in Japan】 Understanding and acquisition of the following techniques, knowledge and methods [Lectures, Practice, Site visits] 1.Theory of agricultural machinery 2.Basic techniques of agricultural machinery 3.Election and cost analysis of agricultural machinery 4.Relationship between agricultural society and techniques 5.PCM(Participatory Cycle Management) method, compiling Action Plan</p> <p>【Post Program】 Discussion and execution of Action Plan</p>	IMPLEMENTING PARTNER	Rural Development Institute (RDI)	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

Rural development through promoting small poultry farming in Southwest Asia 南西アジア地域 小規模養鶏農家の育成を通じた農村開発		R/F  0984081
Target Countries: Southwest Asia Region		Agricultural/Rural Development—Agricultural/Rural Development 4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 An action plan on rural development through small sized poultry will be elaborated by farming administrative/technical extension staff in central and local government/institute in each country</p> <p>【Outputs】 (1) To understand Feeding Management in poultry, and to be able to conduct and disseminate poultry management suitable for the area condition and poultry performance. (2) To understand poultry health control measures, especially basic disease control concerning avian flu, in local government and community level. Besides, to be able to conduct and disseminate proper prevention of disease for the environmental condition through the organization/person concerned. (3) To understand comprehensive knowledge and skills on poultry farming. (4) To be able to plan poultry industry development policy suitable for the area condition.</p>	<p>【Target Organizations】 Administrative organ, Technical extension organ, Research and educational Institute</p> <p>【Target Group】 (1) Farming administrative/technical extension staff in central and local government/institute (2) Individuals who have more than 3 years experiences in poultry (3) University graduates or equivalent (4) Individuals with a good command of English (5) Age: under 45 years old (6) Individuals in good health, both physically and mentally, to undergo the course of rigorous training (7) Must not be serving any form of military service</p>	
CONTENTS	PROGRAM PERIOD	Sep.8.2009 ~ Nov.14.2009
<p>(1) •Lecture on metabolism and feeding management for improving growth and egg productivity. •Lecture on growth of the embryo. Practice on egg candling, observation of hatching, selection of normal chicks and calculation of hatching rate. •Lecture and practice on rearing chick management and chick sexing. •Lecture on manure fermentation and utilization. Visit to related institute. •Lecture on transition, current situation and future prospect of facilities for poultry production. Visit to relate to facilities and institutions. •Lecture and practice on reproductive physiology. • Practice on semen collection and artificial insemination. • Lecture on the history of poultry domestication in Japan and basic theory of genetic improvement. •Lecture on outline of poultry nutrition. • Lecture on nutritional characteristics of common feed and the ones which are used in the developing countries. • Lecture and practice on theoretical feed designing method. • Lecture on utilization of byproducts to livestock feed. Visit to related facility. • Practice on proximate analysis method of feed ingredients.</p> <p>(2) •Lecture and practice on epidemic prevention (disinfecting method of poultry houses and equipment, the type of vaccines and their applying methods, diagnostic method of major infectious disease, quarantine of imported animal). Visit to related institutions. • Lecture on health control measures based on the lecturer's experience in developing countries. • Lecture and practice on symptoms, diagnoses and autopsied findings of major infectious disease especially focus on avian flu. • Explanation on the outbreak situation of avian flu and countermeasures against avian flu in local government and community in Japan. • Lecture on zoonotic infection and its preventive measures.</p> <p>(3) • Lecture and practical training on basic knowledge of rural development. • Lecture on dissemination condition of all the country of the world. • Lecture on promoting indigenous breed chicken production and rural revitalization. Visit to related organizations. • Lecture on marketing of eggs and chicken. Visit to related organizations and institutions. •Lecture on the method for rural developing planning based on items above-mentioned.</p> <p>(4) • Making, presentation and discussion about Action Plan by every participant. • Lecture and practice on PCM (Project Cycle Management) method.</p>	IMPLEMENTING PARTNER	National Livestock Breeding Station Incorporated Administrative Agency
	JICA CENTER	JICA Tohoku
	COOPERATION PERIOD	2008~2010
	REMARKS	

Post-harvest Rice Processing (African Countries (French)) アフリカ地域(仏語圏) 稲作収穫後処理		R/F 	0984082
Target Countries: African Countries (French)		9 participants /	French
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 Technical administrators who lead local farmers will gain appropriate techniques for post-harvest rice processing. The action plan improving post-harvest will be considered. 【Outputs】 (1) To formulate inception reports regarding rice production and post-harvest technology in participants countries (2) To be able to explain the rice production, rice distribution systems and the function of agricultural cooperatives in Japan. (3) To be able to explain the methods for post-harvest rice processing, methods and functions for milling machinery and related equipments as well as processing facilities, and study of the design and management of rice handling and processing facilities. (4) To formulate action plans to disseminate post-harvest rice processing in pilot area	【Target Organizations】 Central and local government, Agricultural cooperative, Farmer's association 【Target Group】 (1) Technical officials who lead local farmers, such as agricultural extension officers with more than three years experience in teaching rice crop (2) Individuals who will lead local farmers from agricultural cooperatives or organizations concerned (3) Under the ages of forty (40) years (4) Individuals in good health, both physically and mentally, to undergo the course of rigorous training (5) Must not be serving any form of military service		
CONTENTS	PROGRAM PERIOD	Aug.30.2009 ~ Sep.27.2009	
(1) • To formulate inception reports regarding rice production and post-harvest technology in participants countries (2) • Understanding of rice production, rice production systems and the activities of agricultural cooperatives in Japan. (3) • Study appropriate harvest techniques considering best water contents in rice • Study of the methods and facilities for harvesting, threshing, drying, husking and storage etc.. • Study methods and functions for milling machinery and related equipment as well as processing facilities. Measuring methods used in related fields. Discussion within trainee. • Study of the design and management of rice handling and processing facilities. (4) • To formulate action plans to disseminate post-harvest rice processing in pilot area	IMPLEMENTING PARTNER	Faculty of agriculture, University of Yamagata	
	JICA CENTER	JICA Tohoku	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Program period will be set at September (harvest season) to study appropriate harvest techniques considering best water contents in rice.	


Principle and practice of the dairy cow management for milk production with better quality in Middle East Region 中東地域 良質な牛乳生産のための乳牛の飼養管理		R/F  0984140
Target Countries: Middle East region		4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 To develop human resources capable of setting improve target and action plan of feeding system of cow for better milk production</p> <p>【Outputs】 To attain the objective, participants are expected to achieve the followings: (1) To be able to explain the improvement of dairy cows and reproduction management, (2) To be able to explain the management of feeding and nutrition, (3) To be able to explain the improvement of milk quality, (4) To be able to explain the heat environment, (5) To be able to formulate the plan on the feeding management of dairy cows.</p>	<p>【Target Organizations】 Ministry of Agriculture, Agricultural Extension Center, Universities</p> <p>【Target Group】 (1) Technical leader, extension worker and veterinary (2) More than 3 years practical experience in this field (3) University graduate or with an equivalent educational background</p>	
CONTENTS	PROGRAM PERIOD	Sep.29.2009 ~ Nov.27.2009
<p>【Preparatory phase】 Submit the Inception report which includes contents of work, facing problems, particular interest in the program and its reason. Fill out the questionnaire.</p> <p>【Program in Japan】 This program consists of lectures, practical exercises, observations and discussions of the following contents: (1) Evaluation method for individual ability of dairy cows/ Improvement method of dairy herd/ Planning of breeding/Method of dairy cows culling/ Basic knowledge of reproductive cycle of dairy cows/ Reproduction techniques (2) Features of feed and evaluation method of nutrition value/ Management of grassland/ Modification of feeding/ Preservation techniques/ Nutrition management/ Feed calculation/ Reuse of by-product (3) Basic idea of improvement of hygiene of milk quality/ Basic techniques of milking/ Assessment of milk quality/ Countermeasures for mastitis (4) Feeding production in the heat environment/ Basic method of feeding management of dairy cows/ Controlling for the heat environment for dairy cows (5) Analyze the problems described in the Inception report and make a practical Interim report on activity objective after returning home, expected outputs and major contents of activities.</p> <p>【Program in home country】 In accordance with the Interim report, submit the Final report including the progress of activities within 6 month.</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2008~2010
	REMARKS	


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」		R/F 	0984196
Target Countries: Francophone Africa		11 participants /	French
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Participants of the course understand Japanese Livelihood Improvement approach, and consider the applicable methods to organize farmers group in their country.</p> <p>【Expected Results】 1. Analyze the situation, problem and good practice of organizing the farmers group in the working areas, and summarize them as Inception Report. 2. Understand the outline and history of Japanese livelihood improvement approach. 3. Learn the group activities based on the Japanese livelihood improvement movement, and consider the similarity and difference compared with rural development activities in your working area. 4. Understand the system and strategy of Japanese livelihood improvement activities, and consider the application method to their working area beyond the context. 5. From 1 to 4 and African case study, consider the application strategy to working area and summarize them as Action Plan. 6. Discuss the Action Plan in belonging institute after returning, and submit the minutes of meeting and modified action plan as final report.</p>	<p>【Target Organization】 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】 1) Applicants should be under 45 years of age, 2) Applicants should have enough English proficiency</p> <p>In addition, applicants should fulfill following A or B.</p> <p>A) Officers who have worked as an officer at Central or Local Government more than 5 years, and now are engaging in rural development planning.</p> <p>B) Officers who have worked as an officers of local government or extension institute or NGO more than 10 years, and can explain the good practice of farmers group organization in detail.</p> <p>*person who participate (or will participate) in JICA's Program or Project is highly recommended</p>		
CONTENTS	PROGRAM PERIOD	Jan.17.2010 ~ Feb.27.2010	
<p>1. Pre-Program 1) Self-Study on Technical Cooperation Contents "Livelihood Improvement Approach for Rural Community Development" 2) Preparation of the Inception Report</p> <p>2. Program in Japan 1) Understand the situation and problem Modification and presentation of Inception Report 2) Understand the meaning of farmers organization outline of farmers organization, discussions 3) Understand the methodology of organizing the farmers group outline of facilitation, facilitation methodology, study tours, discussions 4) Understand the government support system relationship between central government and local government, case study, discussions 5) Application of Japanese experience to the developing countries. action plan making</p> <p>3. Post-Program 1) Present the action plan among the concerned staff after returning, and summarize the comment as minute of meeting. 2) Modify the action plan based on the comment in the presentation, and submit both documents as final report.</p>	IMPLEMENTING PARTNER	Rural Women Empowerment and Life Improvement Association (WELI)	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

Target Countries: Middle East


8 participants / English/Arabic

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 To formulate irrigation plans in accordance with farming plans especially of upland crops and to establish guidance and support systems for water management and on-farm irrigation techniques to farmers, in consideration of water saving.</p> <p>【Expected Results】 1. To understand appropriate management of water resources for agricultural usage. 2. To improve on-farm irrigation techniques considering relationship of farming plan and irrigation plan / method, stage of cultivation, and soil conditions. 3. To understand system of Participatory Irrigation Management (PIM) operating water distribution and facility management / maintenance by Water Users' Associations (WUA). 4. To understand organizational system of extension and training of irrigated agriculture to farmers. 5. To compile Action Plan to adapt training outputs in local condition and promote irrigated agriculture with water savings.</p>	<p>【Target Organizations】 Central or Regional Governments including Bureaus and/or Departments related to promotion and/or extension of irrigated agriculture.</p> <p>【Target Group】 Technical officials / Engineers in charge of demonstration, experiments, extension / training activities to farmers on irrigated agriculture by efficient water use. (Researcher in research institute is out of scope)</p> <p>1. Managerial class who can manage and supervise extensions is better. 2. Personnel who can understand English by certain level as second language.</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Oct.4.2009 ~ Nov.14.2009</p>
<p>1. Preliminary Phase in a participant's home country (by participating country side) Making "Inception Report" by use of concept of Capacity Assessment on CONTEXT of promotion and extension of water saving irrigation.</p> <p>2. Core Phase in Japan ①Water resources and irrigation facilities ②Irrigation plan/method and on-farm Irrigation ③Participatory Irrigation Management (PIM) by Water Users' Associations (WUA) ④Organizations and system for extension/training of irrigated agriculture</p> <p>3. Third Country Phase in Jordan Method of experiment for verification of local adaptability of on-farm irrigation techniques</p> <p>4. Finalization Phase in a participant's home country (①②④by participating country side, ③by Japan side) ①Approval by participating organization of Action Plan, and implementation of it. ②Participants make and submit the "Progress Report" on situation of implementation of Action Plan. ③(If necessary), Remote seminar on confirmation of progress of Action Plan by TV meeting system. ④participants make and submit the "Final Report" on result of implementation of Action Plan.</p>	<p>IMPLEMENTING PARTNER</p>	<p>JICA Tsukuba</p>
	<p>JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p>COOPERATION PERIOD</p>	<p>2007~2009</p>
	<p>REMARKS</p>	<p>①Program period is under planning. ②Third Country Phase in Jordan is planned on NCARE (National Center for Agricultural Research and Extension) for 1~2 weeks.</p>


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		R/F 	0984249
Target Countries: Africa		Agricultural/Rural Development—Rural Development	
		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 The objective of this program is to train personnel who will have knowledge and techniques to improve productivity of small herbivorous animal's husbandry, extension methods and efficient approaches to rural development.</p> <p>To reach the objective, participants are expected to achieve the followings:</p> <p>【Expected Results】</p> <ol style="list-style-type: none"> 1. To acquire knowledge and techniques of breeding management for goat and sheep 2. To acquire knowledge and techniques of processing of stock raising product 3. To obtain expertise on the extension methods of animal's husbandry and efficient approaches to rural development 4. To make an Action Plan for rural development through small herbivorous animal's husbandry in respective countries, based on the results mentioned above 5. To present each action plan in belonging institute, and submit minutes of meeting as final report. 	<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】</p> <ul style="list-style-type: none"> * 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 		
CONTENTS	PROGRAM PERIOD	Oct.4.2009 ~ Dec.12.2009	
<p>The following subjects are included throughout lectures, practices and observation tours.</p> <ol style="list-style-type: none"> 1. Nursing and raising, disease control and treatment, breeding management, artificial insemination, semen control, out-seasonal breeding, pregnancy diagnosis, delivery observation, feed production and feeding 2. Nutrition of stock raising product, processing of milk and meat 3. Extension method of techniques of animal's husbandry, rural society and transition of agriculture and agricultural techniques in Japan, gender in rural development, approach to livelihood improvement, supporting methods of small-scale farmers, small-scale distribution and sales of agricultural product, farmers' association, rural development through animal's husbandry 4. Inception Report writing and presentation, Project Cycle Management Workshop, Action Plan writing and presentation 5. To present each action plan in belonging institute, and submit minutes of meeting as final report. 	IMPLEMENTING PARTNER	National Livestock Breeding Center	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007~2009	
	REMARKS		


Sustainable Rural Development 持続的農村開発		GROUP  0980036
Target Countries: Countries with JICA remote communication facilities (JICA-Net)		Agricultural/Rural Development—Rural Development Nature Conservation—Sustainable Use of Natural Resources 5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Effective approaches for sustainable rural development are acquired and proposed by applying thematic materials and technical reports through experience acquired in the program</p> <p>【Expected Results】 1. Enhanced capacity to conduct surveys and analyze actual conditions and problems in rural development 2. Enhanced fundamental capacity by acquiring a variety of methods and skills essential for rural development 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 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.9.2010 ~ Dec.12.2010
<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 2009 to January 2010) 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 1 year and attending follow-up seminars through JICA-Net</p>	IMPLEMENTING PARTNER	Graduate School of Life and Environmental Sciences, University of Tsukuba
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2006~2010
	REMARKS	(1) Countries with JICA remote communication facilities are targeted because some programs are conducted through TV conference systems. (2) 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.


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Improvement plan of livestock production system which enable the sustainable development appropriate for local situation is formulated.</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings: (1) To be able to guide breeding and reproduction of livestock, (2) To be able to guide livestock nutrition, management and hygiene control, (3) To be able to guide production, use and storage of feed resources, (4) To be able to guide a sustainable livestock production system and its supporting organizations, (5) To be able to guide the treatment and effective use of livestock excreta, (6) To be able to understand the significance of the sustainable livestock production system and to formulate improvement plan of livestock production for the target country.</p>	<p>【Target Organizations】 Organizations that are related to livestock production like Ministry of Agriculture, etc.</p> <p>【Target Group】 (1) Those who have basic knowledge of livestock production systems and are able to plan policies regarding the promotion of livestock production. (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.</p>	
CONTENTS	PROGRAM PERIOD	Jul.20.2009 ~ Sep.19.2009
<p>【Preparatory phase】 To submit the Inception report about the information of their organization (activities, problems and their causes, tentative plan to solve the problems).</p> <p>【Program in Japan】 This program consists of lectures, practical exercises, observations and discussions of the following contents: 1) Production techniques that can be introduced into the home countries through the observation of various sustainable livestock production systems in Hokkaido 2) Effective use of livestock waste, processing techniques and environmental conservation techniques 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. 4) Analyze various problems on the livestock production system of the home countries and learn the method to implement the improvement measures of this system after returning home country. 5) To make the Interim report regarding the solutions of the issues in participant's organizations.</p> <p>【Program in home country】 To submit the Final report on activities.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p>	<p>Obihiro University of Agriculture and Veterinary Medicine</p> <p>JICA Obihiro</p> <p>2007~2009</p> <p>REMARKS</p>


Infrastructure for Agricultural and Rural Development 農業農村開発のためのインフラ整備		GROUP  0980047
		Agricultural/Rural Development—Rural Development
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 A comprehensive infrastructure improvement project for agricultural and rural development is planned. (or, the establishment of laws and systems to implement and support infrastructure improvement is promoted.)</p> <p>【Expected Results】 1. Frameworks of Japanese laws and systems on agricultural and rural infrastructure improvement projects are understood. 2. Project planning methods on agricultural and rural infrastructure improvement are understood. ①Various projects for the improvement of agricultural productivity ②Various projects for the improvement of farmers' living conditions 3. Farmer participation methods for the appropriate maintenance of developed agricultural and rural infrastructure are understood, and 4. An "Action Plan," which presupposes its adoption and application to his/her own country, is drafted.</p>	<p>【Target Organizations】 Central or Regional Governmental (Ministry/Agency) in charge of infrastructure improvement related to agricultural and rural development.</p> <p>【Target Group】 1. (Administrative / Technical) Officials (if possible, holding Head / Manager position in section) in charge of making law and system to implement and support infrastructure improvement related to agricultural and rural development. 2. Have more than 5 year's experiences in governmental organization or related institution.</p>	
CONTENTS	PROGRAM PERIOD	Mar.1.2010 ~ Apr.30.2010
<p>1. Preliminary phase in a participant's home country (by participating country side) ①Making and submission of "Inception Report" to clarify, analyze and recognize the CONTEXT related to infrastructure for agricultural and rural development in his/her own country by use of concept of Capacity Assessment). ②Examination of the skeletal essentials of Action Plan (a Scenario).</p> <p>2. Core Phase in Japan Participants are requested to add the body and substance to the skeletal essentials of a Scenario using knowledge and experiences of below fields in Japan, and develop a Scenario (draft); ① Frameworks of Japanese laws and systems on agricultural and rural infrastructure improvement projects. ②Project planning methods on agricultural and rural infrastructure improvement. •Various projects for the improvement of agricultural productivity •Various projects for the improvement of farmers' living conditions ③Farmer participation methods for the appropriate maintenance of developed agricultural and rural infrastructure.</p> <p>3. Finalization Phase in a participant's home country (by participating country side) ①Approval by participating organization of the examined and authorized scenario ② Based on the approved Action Plan, participants implement the activities with ownership and/or their organization. ③ Participants make and submit the "Progress Report" on situation of implementation of Action Plan. ④ Participants make and submit the "Final Report" on result of implementation of Action Plan.</p>	IMPLEMENTING PARTNER	Under Planning
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2007~2009
	REMARKS	Program period is under planning.


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 At the end of 3 years' program, the participants are expected to achieve the following;</p> <p>In each country, institutional system in agriculture is established or improved, based on Action Plan which have formulated by 2nd year program, or cooperation proposal of project in the necessary field or subject is formulated.</p> <p>In the Second year program;</p> <p>The participants are expected to achieve to formulate plan for establishment or improvement of institutional system.</p> <p>【Expected Results】 To achieve this program objective, participants are expected in Japan;</p> <ol style="list-style-type: none"> To explain about issues or tasks on agricultural administration and policy in own country, To understand Japanese agricultural policies and measures, and legal / institutional system, To understand main and characteristic Japanese agricultural technology, To understand Japanese ODA strategy and its frame, achieved results and future prospect, and To consider techniques, knowledge, know-how and organizations to contribute on establishment of new institutional systems or improvement of existing one on agricultural policy and measure, and to formulate Action Plan for solving issues and tasks. 	<p>【Target Organizations】 Department / Bureau concerned to agricultural policy planning or international cooperation affairs, in Central Government (Ministry / Agency), in principal, responsible for agricultural administration. (The target organization shall be fixed during cooperation term (3 years).</p> <p>【Target Group】</p> <ol style="list-style-type: none"> be officer assigned on planning policy or international cooperation affairs, preferably has organizational position as section chief or sub-director. have more than 1 year experience in the above field (planning policy or international cooperation affairs). participant should continue present job/post (policy planning, or international cooperation affairs) at least 1 year, to keep continuity of whole program. 	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Aug.16.2009 ~ Sep.12.2009</p>
<ol style="list-style-type: none"> Preliminary Phase in a participant's home country (by participating country side) <ol style="list-style-type: none"> Collecting and sorting of kinds of material on statistics, law, institution, guideline on agricultural administration. Making "Inception Report" by Capacity Assessment through analysis of own country's current situation of agricultural administration, policy and measure, and institutional / legal system. Core Phase in Japan <ol style="list-style-type: none"> Agricultural administration (national level, prefecture level, municipality level). Legal and institutional system on Japanese agriculture. Plan for execution on each subject / field by Japanese style administration system. Technology development system and observation on technical application site. Outline of JICA's role, activity and cooperation scheme. Achievement of cooperation on agricultural and rural development, and future prospect. Consideration on applicability and adaptability in Japanese style agricultural administration system. Making plan on establishment of new institutional systems and improvement of existing institutional system through PCM procedure. Finalization Phase in a participant's home country (①②by participating country side, ③by Japan side) <ol style="list-style-type: none"> Holding workshop / presentation / report of output in Japan to related organizations and stakeholders with ownership of participants' organization. Making "Final Report" on evaluation and acceptability of output in Japan based on above process. (If necessary) Consultation with ex-participant and participating organization by TV meeting system. 	<p>IMPLEMENTING PARTNER</p> <p>Ministry of Agriculture, Forestry and Fisheries</p> <p>JICA CENTER</p> <p>JICA Tsukuba</p> <p>COOPERATION PERIOD</p> <p>2008~2010</p> <p>REMARKS</p>	<p>1. This program is "Project-type" that target country and organization shall be fixed during cooperation term (3 years) to achieve 3rd (final) year program objective.</p> <p>2. According to the above reason, new country can not be allocated to this program from 2nd or 3rd year in principal.</p>


Administration of Livestock Industry 畜産行政		GROUP  0980076
		Agricultural/Rural Development—Agricultural Policy and System
		9 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 The program point is that the participants recommend their own nation, region and organization workable planning themselves. Their workable planning will be made out as action plan through the acquired knowledge and skills for the concrete issue resolution of the livestock production.</p> <p>【Outputs】 (1) To understand fundamental principle on administrative organization. (2) To understand administrative measure and system of animal industry for end up finding a solution of administrative issues (3) To understand comprehensive knowledge and skills of animal production, hygiene etc. for solving administrative issues. (4) To be able to planning of livestock industrial promotion project in line with the current conditions of their own countries and to gain a further understanding of problem analysis and solution approach from the viewpoint of rural development.</p>	<p>【Target Organizations】 administrative organ 【Target Group】</p>	
CONTENTS	PROGRAM PERIOD	Jan.5.2010 ~ Mar.13.2010
<p>(1) •Lecture on history, basic plan and strategy of agricultural basic act. •Lecture on history of legislation concerned livestock industry. Lecture on basic policy and setting goals concerned livestock industrial promotion. •Lecture on administrative measure such as credit policy and granted project. •Lecture on coordination with central and local administration. Visit to related institution. (2) •Lecture on administrative measure and system concerned promotion of farming with livestock in the early postwar years. •Lecture on administrative system concerned promoting animal production and protecting farm producer. •Lecture on administrative system concerned distribution of animal living body and livestock product. Visit to related organization and facilities. •Lecture on history and role of related animal industrial organization. Visit to related organization. •Lecture on history and activity of agricultural cooperative and farm producer group. Visit to related organization. (3) •Lecture and practice on reproduction technology in line with the current conditions of their own countries. •Lecture and practice on minimum of hygiene control technology. •Lecture and practice on breeding improvement method in line with the current conditions of their own countries. •Lecture and practice on concrete technology of feed production, feed processing and by-product utilization. •Lecture and practice on concrete animal waste disposal technology. •Visit to institutions which are related research for animal productivity enhancement and disease control and prevention. (4) •Lecture on the idea and the method of rural development and introduction of the case. •Lecture and practice on the Project Cycle Management method. •To make out action plan and to make a presentation and evaluations about it.</p>	IMPLEMENTING PARTNER	National Livestock Breeding Center Incorporated Administrative Agency
	JICA CENTER	JICA Tohoku
	COOPERATION PERIOD	2008~2010
	REMARKS	


Sustainable Management of Irrigation and Drainage Project かんがい排水プロジェクトの持続的 management		GROUP  0980200
		Agricultural/Rural Development—Agricultural Development
		12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 At the end of the program, the participants are expected to achieve the following; Agricultural water is rationally and efficiently distributed from main facilities to beneficiary's farmer's field.</p> <p>【Expected Results】 To achieve this program objective, participants are expected in Japan;</p> <p>1-1. Relation between farming plan and irrigation plan is logically understood based on the findings of importance between irrigated agriculture and farming system, 1-2. Basic techniques to plan and conduct efficient water management, and water circulation including drainage are understood, 2-1. Throughout problem findings in total irrigation system, efficient water management and distribution system to farmers' field is understood, 2-2. Function of each facility in total irrigation system as well as water management techniques and facility maintenance techniques are understood, 3. For the efficient water distribution and supply to farmers' field, sustainable water management and facility management system are understood, and 4. From the broad viewpoints such as policy and institution / system on irrigated agriculture, method of analysis and identification on faced problem, project planning and guidance to related official and beneficiary farmers are understood.</p>	<p>【Target Organizations】 Central or main Regional / Local Governmental (Ministry / Agency / Institution) responsible for planning, execution and management (including establishment, enhancement and activating water users' associations) on irrigation and drainage project for lowland (paddy) field or upland field.</p> <p>【Target Group】 1. be an technical official (or engineer), particularly those to plan, execute and manage the irrigation and drainage project for lowland (paddy) field or upland field. 2. have more than 5 years' experience in the field of irrigation, civil engineering, etc.</p>	
CONTENTS	PROGRAM PERIOD	Jul.26.2009 ~ Dec.23.2009
<p>1. Preliminary Phase in a participant's home country (by participating country side) Making and submission of "Inception Report" to clarify, analyze and recognize the CONTEXT to promotion of irrigated agriculture by sustainable operation and management of irrigation water and facility by use of concept of Capacity Assessment.</p> <p>2. Core Phase in Japan Against faced problem/difficulties, through lecture practice/experiment and observation related to below topic outline, participants are required to compile Interim Report which consists of two papers as a practical output to be left in Japan; ①Technical Report, ②Action Plan.</p> <p>Topic outline (subject to minor changes); ① Basic techniques of irrigated agriculture, and irrigation and drainage system. ② Water management techniques and operation / maintenance / rehabilitation techniques of irrigation facilities. ③ Establishment of organization and system for water management and facility management. ④ Analysis and identification on faced problem, and project planning and guidance method to related official and beneficiary farmers.</p> <p>3. Finalization Phase in a participant's home country (by participating country side) ① Based on participants organization's and stakeholders' consensus and approval by reporting Interim Report to them, participants finalize the Action Plan. ② Participants implement the activities of Action Plan with ownership of participants and/or their organization. ③ Participants make and submit the "Progress Report" on situation of implementation of Action Plan ④ Participants make and submit the "Final Report" on result of implementation of Action Plan.</p>	IMPLEMENTING PARTNER	Under planning
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2006~2010
	REMARKS	

Zero Emission-type Agriculture and Rural Development ゼロエミッション型農業・農村開発		GROUP  0980758
		Agricultural/Rural Development—Agricultural Policy and System
		5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 The direction of basic policy formation aimed at zero emission-type agriculture and rural development is to be clarified in the target organization.</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings: (1)Issues regarding the introduction of zero emission-type agriculture system and rural communities are preliminary identified in the target organization. (2)Environmental issues caused by agriculture and rural activity are identified. (3)First-year: To be able to identify issues to introduce the realistic innovative techniques for the control and utilization of waste from agriculture and rural activity. Second-year: To be able to identify issues to establish a support organization for the control and utilization of waste from agriculture and rural activity. Third-year: To be able to identify issues to set the indicators for policy evaluation and objectives management for the control and utilization of waste from agriculture and rural activity. (4)To be able to analyze the present situation and tasks in terms of systems for introducing zero emission-type agriculture and rural communities in their countries and draw up draft policy proposals. (5)The draft policy proposals will be shared among the organizations to study feasibility.</p> <p>Note: Zero emission-type agriculture and rural development means waste recycling and environmentally-sound agriculture and rural development.</p>	<p>【Target Organizations】 Ministry of agriculture, agricultural research institutes and agriculture universities</p> <p>【Target Group】 1) Mid-ranking administrative officers, researchers, and lectures 2) Those who have more than 5 year practical experience in agricultural and rural development</p>	
CONTENTS	PROGRAM PERIOD	Feb.28.2010 ~ Apr.30.2010
<p>【Preparatory Phase】 To analyze issues in the target organization and prepare the Inception report.</p> <p>【Program in Japan】 This program consists of lectures, practical exercises, observations and discussions of the following contents; (1)• Present state of environmental problems facing agriculture and rural communities • Importance of environmental measures in agriculture and rural communities • Outline of zero emission-type agriculture and rural communities (2)• Waste control and recycling technology • Agricultural policy and system in each sector • Technology for utilizing recyclable energy (3)• Project Cycle Management • Utilization of zero emission-type agriculture and rural development in the target country • Preparation of interim report</p> <p>【Program in home country】 To make a report and conduct a study session on the policy proposal, and submit the Final report on the progress of policy formulation.</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2009~2011
	REMARKS	<p>In order to realize the policy proposal after participants' returning to their home countries, the participants and their organizations will communicate during the program in the following three steps; First: At the commencement of the program, the participants must bring a document that ensure the good communication with the organizations on the issues to be dealt with during the program. Second: In the middle of the program, the participants will confirm with the organizations regarding the contents of the interim report, such as issues, direction, and methodology. Third: At the close of the program, the participants will confirm with the organizations on the contents of Interim report before the presentation.</p>

Participatory Community Development for Practitioners through JICA-NGO Partnership JICA-NGO連携による実践的参加型コミュニティ開発		GROUP  0980805	
		Agricultural/Rural Development—Rural Development	
		9 participants ★ / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Formulating an action plan toward participatory community development based on the acquired project management method by staffs working on Local NGO, International NGO and relevant ministry</p> <p>【Outputs】 (1) Participants will be able to explain concept of community development (2) Participants will be able to explain role of outsider on community development and development method by the outsider through local wisdom (3) Participants will be able to explain necessary point of view like diversity, minority, inclusion and conflict resolution (4) Participants will be able to explain linkage method with a wide variety of stake-holders (5) Participants will be able to formulate an Action plan toward participatory community development</p>	<p>【Target Organizations】 Local NGO and International NGO which engage in participatory community development /[Be available only with NGO participant] Relevant Ministry which engages in coordination with NGO</p> <p>【Target Group】 1) be leaders or project managers of local/national NGO who are engaged in rural/community development projects/programs in their countries. 2) have at least three (3) years of field experience working for rural/community development projects/programs, 3) be preferably currently engaged in rural/community development with prospects of continuous involvement in the future.</p>		
CONTENTS	PROGRAM PERIOD	Aug.18.2009 ~ Oct.2.2009	
<p>(1) Discussion concerning <Analyzing what is the community, why the community is valued on development><Presentation and analyzing of community development which is managed by participants> (2) Discussion concerning<Analyzing on role of outsider on community development><Facilitation method to promote the development led by the residents> Fieldwork concerning<Philosophy of local wisdom> (3) Discussion and Fieldwork concerning<Diversity, inclusion, gender on participatory community development><Diversity-based conflict resolution to achieve partnership> (4) Discussion and Fieldwork concerning<Analyzing a wide variety of stake-holders on community development><Case study of linkage method with community, government and NGO> (5) Formulation, Presentation and Discussion of Action plan which is based on output of this program</p>	IMPLEMENTING PARTNER	Asia Volunteer Center	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2008~2010	
	REMARKS	This seminar will be implemented twice for JFY 2008. The second one is scheduled from Nov.3.2008 to Dec.19.2008 in the same content.	

Rural Development by Agricultural Promotion 農村振興		GROUP  0980840
		Agricultural/Rural Development—Rural Development
		11 participants ★ / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 An official rural development plan is formulated in the participant's organization through discussion based on the proposed Action Plan by the participant.</p> <p>【Expected Results】 (1) Inception Report is formulated and submitted to JICA. (Preliminary phase) (2) Important factors of successful/unsuccessful rural development shall be clarified. (Phase in Japan) (3) Distribution system and marketing method of agricultural products shall be clarified. (Phase in Japan) (4) Action Plan to promote rural development is proposed by the participant. (Phase in Japan) (5) Action plan shall be shared/discussed at organizations in charge of rural development/rural promotion and reported to JICA as a Final Report within 3 months after the program in Japan. (Finalization phase)</p>	<p>Central/local government in charge of rural development or agricultural organizations/farmers' associations (agricultural cooperatives, relevant NGOs etc.) including extension workers</p>	
CONTENTS	PROGRAM PERIOD	Aug.9.2009 ~ Sep.19.2009
<p>This program is designed for senior officers in charge of rural development by promoting agriculture in respective countries.</p> <p>(1) Formulation and submission of Inception Report (2) Learning important factors of successful/unsuccessful rural development through case study; ① Roles of leaders, ② Utilization of local resources, ③ Relationship with government, ④ Roles of private organization (Agricultural cooperatives, NGOs) (3) Distribution system of agricultural products in Japan, Marketing method (4) PCM method, Discussion, Presentation (5) Reporting of Training Program in Japan, Formulation and submission of Final Report</p>	IMPLEMENTING PARTNER	Hokkaido International Agri-exchange Association (HIAA), Graduate school of agriculture, Hokkaido university etc.
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2009~2011
	REMARKS	<p>Two courses will be conducted in the same contents, and same period, but different implementing partner.</p> <p>(B) Implementing Partner: Takikawa International Exchange Association</p>

Empowerment of Rural Women 農村女性能力向上		GROUP  0980889
Agricultural/Rural Development—Other Agricultural/Rural Development Issues		
		10 participants ★ / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Participants and their institution will finalize the Life Improvement Action Plan (LIAP) which integrated Japanese life improvement approach, and the outcomes will be shared by all the ex-participants through the website of JICA-WELI training.</p> <p>【Expected Results】 1.To understand the outline of Life Improvement Activities, to conduct a brief baseline survey to understand the actual situation of the target rural women in their countries and identify their specific problems. 2.To understand the process of Japanese rural development specifically the life improvement approach and get to explain key factors attributed to empowerment of rural women. 3.To acquire practical methods for problem-solving that meet rural women's needs 4. To understand rural women's economic, social and environmental activities arising from disciplined life improvement practices. 5.To formulate draft LIAP which they use as a tool to solve the problems of rural women and to adjust the LIAP and finalize it.</p>	<p>【Target Organization】 Branch offices of Central Government, Local Government or Non-Governmental Organization in charge of rural life improvement and rural women empowerment</p> <p>【Target Group】 <Position> 1.Extension officer or Subject Matter Specialist who is engaged in extension activities for rural women, such as life improvement (home economic), agriculture, community development etc. 2.Officer who is practically involved in a project related to empowerment of rural women <Experience> have over three year's experience in the above-mentioned activity <Others> be university graduates, or have an equivalent educational background</p>	
CONTENTS	PROGRAM PERIOD	May.24.2009 ~ Aug.8.2009
<p>【Preparatory Program】 1.Preparatory Study using Multimedia Material and implementation of Baseline survey 2.Preparation of Inception Report</p> <p>【Program in Japan】 To understand the following items through lectures, practices, and field trips. 3.Life improvement approach 4.Practical methods for problem-solving that meet rural women's needs 5.Rural women's economic, social and environmental activities 6.Formulation of draft LIAP</p> <p>【Post Program】 7.Finalization and implementation of LIAP</p>	IMPLEMENTING PARTNER	Rural Women Empowerment and Life Improvement Association
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2009~2011
	REMARKS	This course is implemented twice this year. (The second course starts from September 27 and end on December 12.)

Environment-oriented agriculture for increase of food production 食糧増産のための環境対応型農業		GROUP  0980900
		Agricultural/Rural Development—Agricultural Development
		8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 To develop action plan of introducing agricultural production system for combining both production increase and environmental conservation by using agricultural machinery (farm equipment).</p> <p>【Output】 To attain the objective, participants are expected to achieve the followings: (1) To be able to explain the general concept and importance of environment-oriented agriculture with examples, (2) To be able to analyze soil and water, and collect basic field data for management, (3) To be able to sort of issues of cultivation management and/or its dissemination from the view point of Environmental-oriented agriculture as compare to Japan and economic evaluation, (4) To be able to propose optimum use of agricultural machinery or farm equipment based on cultivation management, mentioned in the output (3). (5) To be able to draft a technical development plan based on environment-oriented agriculture with considering actual conditions of their organizations.</p>	<p>【Target Organizations】 Organizations where introduction of agricultural mechanization and/or crop cultivation are related</p> <p>【Target Group】 (1) Public officer or researchers at chief level, extension workers and teachers at higher education organizations (2) More than 3 years practical experience in technological development or technical guidance of crop cultivation or agricultural machinery (3) Age: 25-50 years old</p>	
CONTENTS	PROGRAM PERIOD	Jul.20.2009 ~ Nov.6.2009
<p>【Preparatory phase】 Submit an Inception report which includes contents of work, facing problems, particular interest in the program and its reason. Fill out the questionnaire.</p> <p>【Program in Japan】 This program consists of lectures, practical exercises, observations and discussions of the following contents: (1) Environmental-oriented agriculture, environmental pollution, biomass energy (2) Methodology of soil analysis (3) Evaluation of environmental cost and benefit (4) Appropriate utilization method of agricultural machinery (5) Analyze the problems described in the Inception report and make a practical Interim report on activity objective after returning home, expected outputs and major contents of activities.</p> <p>【Program in home country】 In accordance with the Interim report, submit the Final report including the progress of activities within 6 month.</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2009~2011
	REMARKS	

Target Countries: Central Asian Countries


9 participants / Russian


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><Objective> Participant's organizations officially discuss and formulate plan to improve/strengthen role and function of farmers' organization in respective country based on the Action Plans proposed by participants.</p> <p><Outputs> (1) Working sheet on problem analysis of farmers' organization is formulated and submitted to JICA. (Preliminary phase) (2) The issues/problems shall be clarified through analyzing current situation and challenges of farmers' organization in the participant's country. (Phase in Japan) (3) The issues/problems shall be clarified through understanding the function and role of farmers' organization in Japan. (Phase in Japan) (4) Action Plan to improve/strengthen farmers' organization in participant's home country shall be proposed by the participant. (Phase in Japan) (5) Action plan shall be finalized and implemented in the participant's organization. (Finalization Phase)</p>	<p>[Target Organizations] Central/local government in charge of farmers' organization</p> <p>[Target Group] (1) Senior administrative officers of the central government in charge of administrating farmers' organization (2) First year: Administrative officers of the central government Second year: Staff of farmers' organization Third year: Administrative officers of the central government and staff of farmers' organization</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>May.6.2009 ~ Jun.6.2009</p>
<p><Preliminary Phase> (1) Formulation and submission of Working sheet</p> <p><Phase in Japan> (2) • Presentation "Country report" • Discussion "Country discussion" (3) • Lectures "Japanese-style agricultural cooperatives, Compensation/insurance for agricultural disaster, Agricultural financing" • Site visits "Management of agricultural land, Improvement/management of irrigation facilities" • Lectures and Site visits "Management of farmers' organization, Distribution of agricultural materials and products, Development and extension of new agricultural technologies" (4) • Discussion, consultation and proposing of Action plan • Presentation of Action plan</p> <p><Finalization Phase> (5) • Discussion and finalization of Action plan in the participant's organization within one month • Reporting the progress of Action plan to JICA within six months</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p>	<p>Hokkaido International Agri-exchange Association (HIAA)</p> <p>JICA Sapporo</p>
	<p>COOPERATION PERIOD</p>	<p>2009~2011</p>
	<p>REMARKS</p>	

Target Countries: Asia

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / 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:</p> <p>(1) To understand procedures to organize farmers for participatory irrigation management.</p> <p>(2) To understand government interactions assisting farmer's organizations.</p> <p>(3) To acquire operation and maintenance techniques for irrigation systems.</p> <p>(4) To understand the systems for participatory irrigation management.</p> <p>(5) To formulate an Action Plan to improve/strengthen irrigation management in the participant's country.</p>	<p>(1) Administrative/technical officers in charge of irrigation management in central/local government.</p> <p>(2) Individuals with at least 3 years at practical work experience</p> <p>(3) Age: 25-45 years old</p>	
CONTENTS	PROGRAM PERIOD	May.26.2009 ~ Jul.24.2009
<p><Preparatory Phase>Formulation of Job Report <Curriculum in Japan> (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) Others: a) Presentation of a Country Report b) Preparation and presentation of an Action Plans c) Discussion <Finalization Phase> Implementation of the Action Plan and the report of the progress.</p>	IMPLEMENTING PARTNER	Taisetsu Land Improvement District
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2005~2009
	REMARKS	


Participatory Rural Development Network in Central America and Caribbean Region 中米・カリブ地域 住民参加型農村開発ネットワーク運営・管理		R/F 	0984125
Target Countries: Central America and Caribbean Region and Mexico		17 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Participants develop necessary capabilities to plan, implement and evaluate rural community development projects, and carry out action plans utilizing results gained by the training. Also participants practice as main actors activities both of National and Regional levels of the Participatory Rural Development Network in the Central America and Caribbean Region.</p> <p>【Expected Results】 1. Participants understand Japanese experience in rural development "Livelihood Improvement Approach" and practice the Approach utilizing the training materials in order to improve lives of rural farmers. 2. Participants understand the concept and approach of Participatory Development and Gender, and practice the utilizing the training materials. 3. Participants understand the concept and more effective methods of planning and evaluation of community development projects, and practice it utilizing the training materials. 4. Participants and their organizations prepare and submit Interim Reports with the experience gained in training program in Japan and Panama, and the Post-Program in respective countries. 5. Participants and their organizations take part in the Participatory Rural Development Network in the Central and Caribbean Region, and prepare and submit Final Reports with the execution in 12 months.</p>	<p>【Target Organizations】 Central or local governmental organization, NGO in charge of rural development programs</p> <p>【Target Group】 1. Duty position 1) Officers and extensionists of the Central or Local governmental organizations 2) Staff and extensionists of NGO 2. Job experiences Personnel with work experiences in rural development more than 3 years 3. Other requirements 1) Be nominated by the government of the respective country under close coordination with JICA Officer Embassy of Japan 2) Be engaged or planning to be engaged in JICA's Cooperation Programs</p>		
CONTENTS	PROGRAM PERIOD	Oct.14.2009 ~ Nov.28.2009	
<p>1. Pre-Program Self-study using the material for the Pre-Program including the JICA Technical Cooperation Contents "Livelihood Improvement Approach for Rural Community Development", Preparation of Inception Reports</p> <p>2. Program in Japan (1) Rehabilitation Process of rural area after the W.W.II, Livelihood Improvement Approach, Facilitation Method, Mechanism of capacity development, System of extension works, visits to livelihood improvement groups, practice of livelihood improvement techniques</p> <p>3. Program in Japan (2) Participatory development, Gender in rural development, Workshop in Kora-town, Farm stay/ Interview survey, Sharing of good practices among the participants, Preparation and presentation of Progress Reports I</p> <p>4. Program in Panama Visit of existing projects, Workshops in rural community, Case-study presentation by ex-participants, Discussion on the Network activities with ex-participants and national staff of JICA offices, Preparation and presentation of Progress Report II, Preparation and presentation of the Panama Pronouncement 2009 (tentative name) on annual activities plan</p> <p>5. Post-Program (1) Workshops with target groups, coordination with the belonging organizations and JICA offices, Preparation and submission of Interim Reports</p> <p>6. Post-Program (2) Network activities in national level, Network activities in regional level, Preparation and submission of Final Report on the executed activities in 12 months.</p>	IMPLEMENTING PARTNER	IC Net Limited	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2008~2010	
	REMARKS	The Participatory Rural Development Network in the Central America and Caribbean Region was initiated by the ex-participants of the course in 2005. Execution of the pilot projects, study tours and seminars, and sharing the results through TV Conferences and Web site have been carried out in this Regional Network.	

Strengthening of Agricultural Market Economies Through Enhanced Collaboration Sectors in South East European Countries 南東欧地域 農業協働セクターの連携・活性化による農産物市場経済強化		R/F  0984135
Target Countries: Southeast European Countries		Agricultural/Rural Development -Agricultural Policy and System 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 To formulate the draft action plan to strengthen agricultural market economies through enhanced collaboration sector for agriculture.</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings: (1) To be able to explain the present situations and problems of agricultural, mountain, and fishing villages in Japan, (2) To be able to explain Japan's systems of production, distribution, and foreign trade of agricultural products, (3) To be able to explain the activities of the collaboration sector for adapting agricultural products to the market economy of Japan, (4) To be able to formulate the draft action plan in order for each home country's agricultural collaboration sectors to respond to the market economy.</p>	<p>【Target Organizations】 Ministry of Agriculture, or related organizations</p> <p>【Target Group】 1) Mid-ranking administrative officers, or staff members of cooperative farms 2) Have more than three years of experience in agricultural production and distribution field</p>	
CONTENTS	PROGRAM PERIOD	Sep.6.2009 ~ Oct.24.2009
<p>【Preparatory phase】 To submit the Inception report which includes an introduction of work, problem and its reason, and the expected solutions in the target organization.</p> <p>【Program in Japan】 This program consists of lectures, practical excises, observations, and discussions on the following topics. (1) •Present social and economical condition and issues in rural area •Actual condition of infrastructure development (2) •Marketing system of agricultural products in Japan •Distribution system of production materials •Present condition and issues on price formation (3) •Present condition and issues on collaborative activity •Social capital (boost confidence, formation of safty-net) •Farming support system •Agricultural information system/developing technology system (4) •Transition to a sustainable market economy and agricultural structure in Southeast European countries •Issue Analysis of target country •Interim report regarding the solutions of problems in the target organization</p> <p>【Program in home country】 To submit the Final report on activities after returning home country.</p>	IMPLEMENTING PARTNER	Obihiro University of Agriculture and Veterinary Medicine
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2008~2010
	REMARKS	


Target Countries: English-speaking countries in Africa


12 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Rural community development plan, which compiled with the knowledge and method of Livelihood Improvement Approach, is adopted by participants' belonging organization</p> <p>【Expected Results】 (1) To be able to explain the outline of livelihood improvement movement in Japan, facilitation methodology in livelihood improvement approach and necessary government support system (2) To be able to explain success factors of good practices of Japan, of SONGA-MBELE in Kenya, and of participants' countries, through comparative discussions (3) To formulate an action plan to apply the livelihood improvement approach to the respective target area (4) Rural community development is implemented by compiling and implementing action plan through discussions in participants' belonging organization</p>	<p>【Target Organizations】 Central government, Local government or NGO which is responsible for rural development</p> <p>【Target Group】 (1) Field Worker: Extension worker of governmental institution / NGO who is engaged in field work related to rural community development more than three years (2) Management Officer: Local government officer who is in charge of management of the activities' implementation (3) Planning Officer: Central government officer who is in charge of planning and evaluation of rural community development projects</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Jan.17.2010 ~ Mar.6.2010</p>
<p><Program Content 1> 【Preparatory Program】Inception Report making, Self study by "Technical Cooperation Contents - Livelihood Improvement Approach for Rural Community Development -" 【Program in Japan】 Facilitation methodology, Government support system : Lecture, discussion and study tour</p> <p><Program Content 2> Good practice presentation, Discuss the various experiences such as Japanese, Kenya and participants' good practice</p> <p><Program Content 3> Discuss the application method and making an action plan</p> <p><Program Content 4> 【Program in Japan】Action Plan presentation with related people in participants' countries and Japan 【Post Program】Submission of Final Report and JICA-Net seminar</p>	<p style="text-align: center;">IMPLEMENTING PARTNER</p>	<p>JICA Tsukuba</p>
	<p style="text-align: center;">JICA CENTER</p>	<p>JICA Tsukuba</p>
	<p style="text-align: center;">COOPERATION PERIOD</p>	<p>2009~2011</p>
	<p style="text-align: center;">REMARKS</p>	<p>It is desirable that participants from each target group above are hoped to be able to implement activities together in their country.</p>

Environmental symbiosis agriculture 環境共生農学(長期)		L/T  0981141
Agricultural/Rural Development—Agricultural Development		2 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Through the master's thesis making, participants who belongs to the each country research institute are going to obtain the research technique in the field of agriculture/environment, such as (A) Adaptive cultivation technology development, (B) Soil/Water cycle conservation. In addition, the examination ability of belonging institute improves through execution of the research plan, which utilize the obtained research technique in Japan, after returning respective countries.</p> <p>【Expected Results】 1.To extract the issues, which are not sufficiently dealt with, to be addressed in the research plan in Japan with respect to interaction of agriculture and the environment pertinent to individual / institution / own country. 2.To formulate a research plan in Japan, through lectures, experiments, discussion and research in the home country. 3.To acquire new research techniques through research activities in Japan, and compile them to a Master's Degree thesis. 4.To develop an Action plan, a realistic and feasible research plan, through interaction with Japanese researchers and the home institute for implementation in home country 5.To accumulate a knowledge and information of agriculture and environmental fields through execution of the research plan, and establish a Network through communication with Japanese researchers and participants.</p>	<p>【Target Organizations】 Research institute related to the field of agriculture/environment</p> <p>【Target Group】 1.Researcher who works in the sector of sustainable development of agriculture, and who preferably works or will work for JICA activities in their countries. 2. Who has work experience of more than 5 years in the field. 3. Who is under the age of 45</p>	
CONTENTS	PROGRAM PERIOD	Feb.7.2010 ~ Sep.30.2011
<p>【Preparatory Program】 1.Extract the problem which their belonging institute has / Making a draft research plan in Japan</p> <p>【Program in Japan】 2.Making a research plan in Japan, and report it to their belonging institute in respective countries 3.Material collection, execution of research in Japan, and make a thesis 4.Making and discuss the research action plan</p> <p>【Post Program】 5.Execution of research action plan after returning respective countries</p>	<p>IMPLEMENTING PARTNER</p> <p>Graduate School of Agriculture, Ibaraki University</p> <p>JICA CENTER</p> <p>JICA Tsukuba</p> <p>COOPERATION PERIOD</p> <p>2008~2010</p>	
	REMARKS	

13. Nature Conservation

Research on Forest Environment and Resources 森林環境・資源研究		GROUP  0980749
		Nature Conservation—Sustainable Use of Natural Resources
		5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
【Objective】 This program aims to upgrade knowledge and skills of researchers in the field of Forest Function Research, Forestry Research, and Forest Products Research. This year (2009), we focus on 'Forest Products Research'. 【Expected Results】 To reach the objective, participants are expected to achieve the following: 1) Participants master basic methods of forest products research through experiment, practice, analysis, discussion and report writing. 2) Participants will be able to explain the world's research trend and the practical application in the field of engaging. 3) Participants will make a Technical Report as a result of the technical training in Japan. 4) Participants will formulate research proposal based on the inception report and obtained knowledge and skills from this training course.	【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 4) Be proficient in spoken and written English (more than TOEFL 500 points) 5) Be less than forty (40) years of age in principle	
CONTENTS	PROGRAM PERIOD	Aug.26.2009 ~ Nov.21.2009
【Preliminary Phase】 Participants develop his/her research proposal under the supervision of the host researcher. 【Program in Japan】 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. outline of the schedule is following : 1) General orientation and common lectures. (first week) 2) Research : laboratory work under the advice of the host-researchers. (second to last week) 3) Group Study Tour (once for every participants) and Field Research *depend on the laboratory 4) Presentation and Discussion (3times) *Academic conference attendance will be possible (once during the program).	IMPLEMENTING PARTNER	Forestry and Forest Products Research Institute
	JICA CENTER	JICA Tsukuba
	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)		GROUP  0980756	
		Nature Conservation—Sustainable Use of Natural Resources	
Target Countries: Excluding tropical area		6 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objective】 To develop human resources who enhance the awareness on conservation of the environment and wise use of natural resources and promote them in the target country based on the idea of international environmental laws. 【Outputs】 To attain the objective, the participants are expected to achieve the followings: (1) To be able to explain 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 the target country in cooperation with international environmental laws, (3) To understand the importance of environmental education and to be able to formulate applicable plans to the target country in cooperation with community development.	【Target Organizations】 Central/regional governments that are responsible for nature conservation, and the management and administration of natural parks and promotion of environmental education 【Target Group】 1) Middle-ranking administrators 2) Individuals with at 2-3 years of experience in the 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	Aug.30.2009 ~ Oct.15.2009	
【Preparatory phase】 To submit a Job Report, which includes an introduction of work, problems faced in the target country, fields of particular interest and the reason, as well as a questionnaire. 【Program in Japan】 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 4) To make a concrete Action Plan, which describes the objectives, outputs, major activities, etc. after returning home country.	IMPLEMENTING PARTNER	Kushiro International Wetland Centre	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2007~2009	
	REMARKS	【Program in home country】 Submission of the Progress Report on the Action Plan within 6 months * Excluding tropical areas because the training field in Japan does not include tropical areas.	

Forest Management Through Coexistence 共生による森林保全		GROUP	0980919
		Nature Conservation—Sustainable Use of Natural Resources	
		12 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 To develop core human resources of forest conservation, forestation and coexistence of humans and forests.</p> <p>【Outputs】 To attain the objective, participants are expected to achieve the followings: (1) To be able to explain the coexistence of forest conservation and human activities, (2) To be able to explain the way to grasp the forest resources and its utility, (3) To be able to explain the roles of conservation of forests and its bio-diversity.</p>	<p>【Target Organizations】 Public agencies which are engaged in forest administration and management</p> <p>【Target Group】 1) Have general knowledge of forestry science and of social science 2) More than 5 years practical experience in the field of forest administration or forest management 3) Age: under 40 years old 4) Due to heavy field activities, a pregnant nominee is excluded.</p>		
CONTENTS	PROGRAM PERIOD	Aug.23.2009 ~ Nov.14.2009	
<p>【Preparatory phase】 Submit an Inception report which includes contents of work, facing problems, particular interest in the program and its reason. Fill out the questionnaire.</p> <p>【Program in Japan】 This program consists of lectures, practical exercises, observations and discussions of the following contents: (1) Outline of forests and forestry in Japan, local administration, coexisting of forest conservation and human activities in Japan (2) Forest resource survey, pilot forests, forest management, forestry products usage, woody biomass energy (3) Breeding and genetic resources of forests, management of subtropical forest, relation between vegetation and animals, role of forests toward global warming (4) Analyze the problems described in the Inception report and make a practical Interim report on activity objective after returning home, expected outputs and major contents of activities.</p>	IMPLEMENTING PARTNER	Japan Overseas Forestry Consultants Association	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2005~2009	
	REMARKS	<p>【Program in home country】 In accordance with the Interim report, submit the Final report including the progress of activities within 6 month.</p>	

Practical Case Studies on Sustainable Forest Management 持続可能な森林経営の実践活動促進		GROUP	0980968
		Nature Conservation—Sustainable Use of Natural Resources	
Target Countries: Countries with over one million ha. of forest		16 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>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.</p> <p>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</p>	<p>(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</p>		
CONTENTS	PROGRAM PERIOD	Aug.24.2009 ~ Nov.13.2009	
<p>(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</p>	IMPLEMENTING PARTNER	FOREST TRAINING INSTITUTE, FORESTRY AGENCY	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Participating countries should have over one million ha. of forest, representing at least 10% of total land area.	

Forest Management Policy in Asia – Sustainable Forest Management with Collaboration between Local Government and Community – アジア地域 森林管理政策～地方行政と住民との協働による持続的森林管理～		R/F		0984063
Target Countries: Participating Countries in Asia Forest Partnership (AFP)		Nature Conservation –Other Nature Conservation Issues		
		9 participants	/	English
OBJECTIVE	TARGET ORGANIZATION / GROUP			
【Objectives】 Capacity of government officials for framing forest management policy based on collaborative approach with community is enhanced through understanding of role of local government for forest management 【Outputs】 (1) Participants are able to explain: 1) forest management administration and system in Japan, 2) forest management administration of local government such as policy, law, management system and organizational structure in accordance with situation of other participating countries, and 3) collaborative forest management with other actors such as community and private enterprises in accordance with local government administration. (2) Participants are to consider and prepare an idea on sustainable forest management with collaboration of local government and community.	【Target Organizations】 Central and local governmental organization which are responsible for forest policy administration 【Target Group】 1) Current Duties: be an senior official/manager in central/local administrative organization which is responsible for forest management policy 2) Experience in the relevant field: have more than 15 years' experience in the field of forestry 3) Education Background: university graduates 4) Language: have a competent command of spoken and written English which is equal to TOEFL CBT 250 or more			
CONTENTS	PROGRAM PERIOD	Oct.12.2009 ~ Oct.27.2009		
(1) •Role of central and local government, and forestry cooperatives •History, policy, law system, land system etc. (2) •Decentralization on forest management policy and necessary policy and law system to implement decentralized forest management •Sharing experience of participating countries by report presentation and discussion based on the presentation (3) •Role of local government for community-participatory forest management •Public awareness activities such as environmental education and volunteer activities •Sustainable natural resources management for poverty reduction (4) •Preparation and presentation of action plan •Project Cycle Management (PCM) and Participatory Rural Appraisal (PRA)method	IMPLEMENTING PARTNER	Graduate School of International Development, Nagoya University		
	JICA CENTER	JICA Chubu		
	COOPERATION PERIOD	2008~2010		
	REMARKS			

Criteria & Indicators (C&I) and Forest Certification for Pan-Pacific Countries 環太平洋地域 C&I・森林認証		R/F		0984191
Target Countries: Pacific rim countries		Nature Conservation—Sustainable Use of Natural Resources		
		12 participants	/	English
OBJECTIVE	TARGET ORGANIZATION / 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. This training program aims at following ; (1) To obtain basic knowledge and latest information on C&I and forest certification, (2) To develop a better understanding of good practices piloted in Japan, (3) To acquire practical knowledge on planning, implementation and monitoring of C&I and forest certification in participants' respective countries. (4) To draft Action Plan based on the acquired knowledge and experiences in the training program.	【Target Organizations】 Governmental organization or research Institute engaged currently or soon to be engaged in C&I or forest certification. 【Target Group】 1) preferably to be an administrative official or researcher currently or soon to be engaged in C&I or forest certification, 2) more than 5 years of practical experience in forest management/research or equivalent, 3) university graduate or equivalent			
CONTENTS	PROGRAM PERIOD	May.19.2009 ~ Jun.26.2009		
[Preliminary Phase] Preparation of Inception Report [Curriculum in Japan] – 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 – Country Report Presentation – Discussions – Action Plan Presentation [Finalization Phase] Pprogress Report of Action Plan within three (3) months after the completion of the program in Japan	IMPLEMENTING PARTNER	Hokkaido Research Center, Forestry & Forest Products Research Institute		
	JICA CENTER	JICA Sapporo		
	COOPERATION PERIOD	2007~2009		
	REMARKS			


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		R/F		0984210
Target Countries: Asian and African Countries		10 participants /		English
OBJECTIVE	TARGET ORGANIZATION / GROUP			
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. At the end of the course, participants are expected to: (1) understand the ecological approaches and methods in rehabilitating degraded lands with a special emphasis on the uniquenesses of indigenous ecosystems (2) deepen understanding of integrated land use planning, natural resource management and public involvement through hands-on activities for ecological and rehabilitation.	【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) 【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) Individuals under the age of 46 (3) University graduates or the equivalent with a good command of spoken and written English (4) Pregnancy is regarded as disqualification.			
CONTENTS	PROGRAM PERIOD	Nov.4.2009 ~ Dec.19.2009		
1. Understanding the basic idea for land rehabilitation by lectures and works: 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 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.	IMPLEMENTING PARTNER	Institute for Global Environmental Strategies, Japanese Center for International Studies in Ecology		
	JICA CENTER	JICA Yokohama		
	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.		


Sustainable and eco-friendly food production (No implementation in JFY21) 環境保全型持続的食料生産(長期)(21年度休止)		L/T		0981130
Nature Conservation—Sustainable Use of Natural Resources		0 participants /		English
OBJECTIVE	TARGET ORGANIZATION / GROUP			
【Objectives】 Participants identify problems regarding environmental protection and food production in their countries and obtain capacity to plan and implement activities to promote sustainable and eco-friendly food production. 【Outputs】 (1) To identify current problems regarding environment protection and food production (2) To acquire basic theories on agriculture, forestry and fisheries studies (3) To acquire practical knowledge to deepen understanding of theories (4) To acquire technology and skills to practice theories (5) To systematize knowledge and skills acquired and make action plans	【Target Organizations】 Senior Development Officials of Central and Local Government Agencies 【Target Group】 Researcher/Engineer of Governmental Agency related to Agricultural Development Experience: more than 3 years of field experience in the relevant field			
CONTENTS	PROGRAM PERIOD	Sep.22.2010~Sep.22.2012		
(1) To identify problems regarding food production concerning environmental protection and bio-diversity and make inception report. (2) To take lectures and practices in the concerned fields (Course Example: Subtropical Agriculture (Subtropical Agriculture and Horticulture, Education and Research Center for Subtropical Field Science), Forest Science (Forest Resources Science, Forest Products Science), Aquaculture (Aquatic Bioscience, Deep Seawater Science), Environmental Engineering (Land Environmental Engineering, Maritime Environmental Engineering), Bioresources Science (Agro-Environmental Chemistry, Applied Biochemistry, Genetic Resources Science)) (2) To participate in seminars and academic meetings on the specific scientific fields of study (3) To take special experiments and exercise from planning and analysis of results on the specific scientific fields of study (4) To make and present master's thesis and make action plans to be implemented in their home countries.	IMPLEMENTING PARTNER	Kochi University, Graduate School for Agriculture		
	JICA CENTER	JICA Shikoku		
	COOPERATION PERIOD	2008~2010		
	REMARKS			


Subtropical Marine Science (Master's degree: Science) (No implementation in JFY21) 亜熱帯海洋科学(長期)(21年度休止)		L/T	0981149
		Nature Conservation—Nature Conservation	
		0 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】</p> <p>Research and study capacities of technical officers in a central or local government in a field of bioscience, environmental science and material science, which contribute to environmental conservation and management, will be enhanced. And solution of environmental issues in developing countries will be promoted.</p> <p>【Outputs】</p> <p>One out of three outputs below will be chosen by a participant.</p> <p>(1) Obtaining necessary theory in biological science. Formulating thesis, which contains issues and solution in bioscience in each country.</p> <p>(2) Obtaining necessary theory in environmental science. Formulating thesis, which contains issues and solution in environmental science in each country.</p> <p>(3) Obtaining necessary theory in material and mathematical science. Formulating thesis, which contains issues and solution in material science and mathematics in each country.</p>	<p>【Target Organizations】</p> <p>Central and local governments which are related with environmental conservation and management.</p> <p>【Target Group】</p> <p>(1) Technical officer in a field of environmental management in the central government and/or local government.</p> <p>(2) Having 3 years working experience in the related field</p> <p>(3) Having fine command of English</p>		
CONTENTS	PROGRAM PERIOD	Under Planning	
<p>Followings are subjects provided at each output mentioed above:</p> <p>(1) Life's diversity, Biological productivity, Physiology, Organism species, Coral and island biogeocenosis</p> <p>(2) Marine science, Atmospherical science, Hydrosphere science, Marine science, Biological and physical cycle, Marine productivity</p> <p>(3) Physics (Theoretical physics), Mathematics, Information science (Computational science), Marine resource, Natural mineral, Functional material, Natural logic</p>	IMPLEMENTING PARTNER	Graduate School of Engineering and Science, University of the Ryukyus	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2008～2010	
	REMARKS	Topics of mater thesis will be issues related to marine in home country.	


Leadership Program for Development of Sustainable Society (Master's Degree: Sustainability Science) 持続可能な社会の構築をめざしたリーダー育成(サステナビリティ学)(長期)		L/T	0981204
Target Countries: Countries with JICA-Net system		Nature Conservation—Other Nature Conservation Issues	
		1 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】</p> <p>To propose and have the approval of action plan for solving issues on regional development/environmental management/nature conservation in respective countries through acquisition of knowledge of viewing the social systems and taking various elements of sustainability.</p> <p>【Expected Results】</p> <p>1. Understanding ideal of sustainability</p> <p>2. Obtaining basic knowledge, concepts and skills on natural and social science, which consist core componet of sustainability science</p> <p>3. Obtaining individual knowledge and methods required for sustainable society, for example regional development, environmental management and conservation of natural environment</p> <p>4. Writing master's thesis based on above knowledge and skills.</p> <p>5. Making action plan based on knowledge and skills of development added to those mentioned above</p>	<p>【Target Organization】</p> <p>Governmental organization related to regional development ,environmental management and nature conservation (eg. Ministry of Environment)</p> <p>【Target Group】</p> <p>1) Current Duties: be officers or researchers of central / local governments in the field of issues on regional development / environmental management / nature conservation.</p> <p>2) Educational Background: must hold a degree from an accredited institution comparable to the bachelor degree offered at the University of Tokyo.</p> <p>3) Age: be between the ages of twenty-five (25) and thirty-five (35) years</p>		
CONTENTS	PROGRAM PERIOD	Aug.31.2009 ~ Sep.30.2011	
<p>To promote solving issues on regional development through skill acquisition for proposing new systems of sustainable society.</p> <p>1. environmental ethics, Ethics on Science and Engineering, Recycling Society, Reproduction process in ecosystem, sustainable system in industry, Sustainable energy society, climate system, world population, food and water</p> <p>2. environmental economics, Environmental Business, Natural Environmental Studies, Urban Sustainability in Relation to Water Sector, etc</p> <p>3. Bio-environmental Studies II, Marine Resource and Environment, Mineral Resources Development and Environment Protection, Socio-environmental Systems, Residential Environment, etc</p> <p>4. to conduct specific research relating to sustainability through individual meeting with a supervisor, presentation at research group, presentation at the end of every semester, submission of master's thesis, and defense.</p> <p>5. to make Action Plan with the concept of Project Cycle Management and its presentation</p>	IMPLEMENTING PARTNER	Institute of Environmental Studies, Graduate School of Frontier Sciences, the University of Tokyo	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2009～2011	
	REMARKS	Participants of this training program will obtain a Master's degree of Sustainability Science by the University of Tokyo with fulfilling certain conditions.	


Improvement of Capacity for Tropical Forest Management to react Climate Change (Master's Degree: Forestry) 気候変動対応に向けた熱帯林管理技術のキャパシティ向上(長期)		L/T	0981205
		Nature Conservation—Sustainable Use of Natural Resources	
		2 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 To improve participants' capacity in tropical reforestation and forest carbon budget measurement.</p> <p>【Expected Results】 (1)To identify problems and draft research plan (2)To be able to explain global warming and deforestation (3)To be able to explain concepts and concerns regarding forest ecology, physiology and forest carbon budget (4)To be able to practice reforestation, seedling cultivation and carbon budget measurements (5)To write M.Sc.(Master of Science) thesis</p>	<p>【Target Organization】 Research institutions, government ministries and agencies involved in environment and forest management.</p> <p>【Target Group】 Current Duties: be a researchers working in institutions, government ministry and agency related to environment and forest management Experience: more than 5 years of field experience in the relevant field Age(preferred): be under the age of thirty-five (35)</p>		
CONTENTS	PROGRAM PERIOD	Sep.23.2009 ~ Sep.29.2011	
<p>This program is designed to help develop capacities of reforestation and carbon budget measurement of tropical forests through the research for master's degree.</p> <p>(1) (a)Review present status of and problems with forest management of their respective country, and make research proposal (b)Make an inception report on current situation and problems in respective research field (2)Lectures on and read trends in climate change and deforestation and write up reports on global warming and condition of world forests (3)Lectures on and read forest ecology, physiology and carbon sequestration of tropical forests and write up reports of their learning (4)(a. in Japan)Acquire techniques for reforestation, seedling cultivation and carbon budget measurement by practices (b. in Indonesia)Acquire real-world techniques for actually practicing reforestation, seedling cultivation and forest carbon budget measurement (5)Conduct reforestation, seedling cultivation and/or forest carbon budget measurement research, and write M.Sc. thesis.</p>	IMPLEMENTING PARTNER	Faculty of Agriculture, Ehime University	
	JICA CENTER	JICA Shikoku	
	COOPERATION PERIOD	2009~2011	
	REMARKS		


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)		GROUP 	0980011
Target Countries: Asia and Pacific countries with coral reefs		4 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>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 ecosystem.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To understand the functions of coral reefs, the relationship between coral reefs and human activities, economic values and importance of their conservation and management.</p> <p>(2) To understand the theory and methodology of the conservation and restoration of coral reefs.</p> <p>(3) To understand the tourism in coral reefs and the environmental education of coral reefs.</p> <p>(4) To understand the importance of monitoring coral reefs, and the monitoring techniques.</p> <p>(5) To understand the planning of Integrated Coastal Zone Management (ICZM), and produce practical action plan of their countries.</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 (3) Individuals under 45 years of age (4) Individuals with sufficient skills to snorkel in a sea</p>		
CONTENTS	PROGRAM PERIOD	May.26.2009 ~ Jul.25.2009	
<p><Preliminary phase (activities in home country)></p> <p>(1) Formulating a job report describing the present situation of coral reefs in the participants' countries and participants' detailed work in their organizations, roles of their organization.</p> <p><Core Phase (activities in Japan)></p> <p>This program consists of lectures, practical exercises, discussions, report-making, presentation, and observation tours.</p> <p>The main subjects are as follows:</p> <p>(1) Conservation and sustainable management of coral reef ecosystems</p> <p>(2) Methods of monitoring and conserving coral reef areas</p> <p>(3) Tourism and environmental education of coral reefs</p> <p>(4) Collaborative management of coastal areas with stakeholders</p> <p>(5) Making and presenting the action plan</p> <p><Finalization Phase (activities in home country)></p> <p>(1) Share and discuss the action plan in respective organizations</p> <p>(2) Modify the action plan</p> <p>(3) Formulate and submit the progress report and completion report</p>	IMPLEMENTING PARTNER	University of the Ryukyus	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2005~2009	
	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		GROUP 	0980015
		Nature Conservation—Sustainable Use of Natural Resources	
Target Countries: Countries with mangrove area		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / 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 main roles and functions of mangrove ecosystems, and importance of conservation, monitoring, and sustainable utilization of mangrove resources, including nondestructive utilization such as eco-tourism.</p> <p>(2) To acquire basic knowledge on plant taxonomy; forest ecology, nursery and plantation techniques.</p> <p>(3) To understand the integrated relation of mangrove ecosystems and their neighboring ecosystems (sea-grass bed and coral reef ecosystems); understand the needs of conservation of integrated coastal ecosystems as a whole.</p> <p>(4) To acquire basic technique of making promotional or educational materials which can be used in one's own country/region; acquire skills on how to make effective presentation ; acquire basic knowledge on how to write a simple project proposal.</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 24-35 years of age</p>		
CONTENTS	PROGRAM PERIOD	May.26.2009 ~ Aug.15.2009	
<p><Preliminary phase (activities in home country)></p> <p>(1) Formulating a country report describing the present situation of mangrove ecosystems in the participants' countries and roles of their organization.</p> <p><Core Phase (activities in Japan)></p> <p>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 of mangrove ecosystems (4) Coastal ecosystems conservation (5) Formulating report and action plan (6) Presentation of action plan</p> <p><Finalization Phase (activities in home country)></p> <p>(1) Share and discuss the action plan in respective organizations (2) Modify the action plan (3) Formulate and submit the progress report and completion report</p>	IMPLEMENTING PARTNER	INT'L SOCIETY FOR MANGROVE ECOSYSTEMS(ISME)	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

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—		GROUP 	0980031
Target Countries: Maritime Countries with tropical or sub-tropical areas		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To develop human resources, in line with the UNDES, with emphasis on the importance of coastal ecosystems, interrelation with neighboring ecosystems, in harmony with lives of local residents and communities.</p> <p>To reach the objective, participants are expected to achieve the following outputs:</p> <p>(1) To understand functions, roles and importance of integrated coastal and neighboring ecosystems including mangrove, seagrass and coral reefs ecosystems, and understand how to use those resources wisely (or sustainably) in harmony with local residents and communities.</p> <p>(2) To understand what is environmental education and how to promote it in comparison with other education models.</p> <p>(3) To understand simple methods to monitor coastal ecosystems and their utilization including eco-tourism development.</p> <p>(4) To write a practical action plan for implementing in accordance with the situation of the participating countries after returning to their country.</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 under 36 years of age</p>		
CONTENTS	PROGRAM PERIOD	Sep.23.2009 ~ Nov.7.2009	
<p><Preliminary phase (activities in home country)> (1) Formulating a country report describing the present situation of environmental education in the participant's country and the role of their organization.</p> <p><Core Phase (activities in Japan)> This course consists of lectures, practical exercises, discussions, making and presenting reports, and observation tours. (1) Coastal ecosystems conservation (2) Environmental education for sustainable development (3) Traditional uses and eco-tourism (4) Simple methods for monitoring (5) Making and presentation of an action plan</p> <p><Finalization Phase (activities in home country)> (1) Share and discuss the action plan in respective organizations (2) Modify the action plan (3) Formulate and submit the progress report and completion report</p>	IMPLEMENTING PARTNER	INT'L SOCIETY FOR MANGROVE ECOSYSTEMS(ISME)	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2005~2009	
	REMARKS	This program will promote "A Prime Mover Project in the Asia Cooperation Dialogue (ACD) of Japan Environmental Education."	

Education Through Nature Experience Focused on Waterside 水辺を中心とする自然体験を通じた環境教育		GROUP  0980087
		Nature Conservation—Nature Conservation
		6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Environmental Education Program will be formulated and disseminated by the organization which is in charge of dissemination of environmental education such as national or local government or comparable organization</p> <p>【Outputs】 0) Job Reports on present condition and issues of environmental education in their countries and their own line of business in their organization will be formulated. 1) Participants will understand the current situation of environmental education through nature experience in Japan and other participants' countries, through job report presentation and case study of local government, primary school and enterprises etc. in Japan. 2) Participants will understand the methods of environmental education through nature experience and its usefulness focusing on the experience of Lake Biwa basin. 3) By the end of the core phase in Japan, participants will make draft Environmental Education Program to disseminate environmental education through nature experience utilizing knowledge and skills acquired in Japan. 4) Draft Environmental Education Program will be shared in the participating organization.</p>	<p>【Target Organizations】 •National or Local Government or comparable organization •NGOs, Schools</p> <p>【Target Group】 1) be an administrative officer, NGO staffs, school teachers or comparable qualifications in charge of dissemination of environmental education 2) have more than 3 years experience in the field of environmental education 3) be a graduate of university 4) between the ages of 25 and 40 years</p>	
CONTENTS	PROGRAM PERIOD	Aug.10.2009 ~ Sep.26.2009
<p>〈Preparatory Phase in participants' home countries〉 Formulation of Job Report 〈Phase in Japan〉</p> <ul style="list-style-type: none"> •Current situation and future prospects of environmental education in Japan •Understand the function of facilities for environmental education through nature experiences •【Practice & Experience】Environmental Education Programs using local resources •Various Theory and Practices •Formulation and presentation of draft Action Plan, Discussion of Action plans <p>〈Finalization Phase in participants' home countries〉</p> <ul style="list-style-type: none"> •Sharing and discussing of draft action plan in the participating organization •Finalizing draft Action Plan and submitting Final report including description of progress of Action Plan implementation to respective JICA Regional Offices 	IMPLEMENTING PARTNER	International Lake Environment Committee, KANKYO Lakers
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	

Environmental education through nature experience 自然体験を通じた環境教育		GROUP  0980759
		Nature Conservation—Nature Conservation
		11 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【OBJECTIVES】 Environmental education programs to arouse awareness for environmental conservation are implemented by participants in their respective countries.</p> <p>【OUTPUTS】 (1) Be able to explain current situation and its problems of natural environment of their country and importance of environmental education as measures for environmental conservation (2) Be able to implement environmental education methods, which center around nature experience (3) Share environmental education program, which is applicable to participant's country, among participant's organization</p>	<p>【TARGET ORGANIZATIONS/GROUP】 •Nature Conservation Organization, Education Institution, or NPOs/NGOs which engage in environmental education. •Central or local government officers or the member of NGOs/NPOs who are closely involved in planning and management of environmental education and expected to be in charge of such duties. •Have over 3 years of experience in environmental education. •Have a sufficient command of speaking and writing English in order to undertake the course as a lot of time is allocated for discussion;</p>	
CONTENTS	PROGRAM PERIOD	Oct.19.2009 ~ Nov.27.2009
<p>(1) PRELIMINARY PHASE: Participants make a report on current situation and its problems of natural environment of their country and participant's occupation.</p> <p>(2) CORE PHASE IN JAPAN: 1) Review on current situation and its problems of natural environment of their country through presentation and discussion on the report. 2) Comprehensive understanding of environmental education. 3) Understanding of environmental education framework in Japan. 4) Understanding of roles of nature school. 5) Practice environmental education programs using local resources. 6) Practice environmental education methods, which center around nature experience. 7) Make action plan for implementing and disseminating environmental education in participant's country. 8) Presentation and discussion on action plan.</p> <p>(3) FINALIZATION PHASE: Participants share action plan among participant's organization and making progress report of action plan by participant's organization.</p>	IMPLEMENTING PARTNER	NPO Whole Earth Institute
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2008~2010
	REMARKS	

Wildlife Conservation and Management for Africa アフリカ地域野生生物保護管理		R/F  0984030
Target Countries: Africa		Nature Conservation—Conservation of Biodiversity 4 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>(1) Understand the basic theory of wildlife management and wildlife research methodology as well as its analytical skills, for the improvement of the wildlife research activities,</p> <p>(2) Understand the present situation of wildlife management of other countries, for the improvement of the wildlife protection and management activities,</p> <p>(3) Understand how to develop an implementation plan (Action Plan) applying information and knowledge obtained through the training course, for the improvement of the wildlife management or research activities.</p>	<p>Technical officials who are engaged in wildlife management and research and monitoring work in governmental or parastatal organizations in African countries.</p>	
CONTENTS	PROGRAM PERIOD	Aug.17.2009 ~ Oct.16.2009
<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	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【OBJECTIVE】 Environmental education programs to arouse awareness for environmental conservation are implemented by participants in their respective countries.</p> <p>【OUTPUTS】 (1) Be able to explain current situation and its problems of natural environment of their country and importance of environmental education as measures for environmental conservation (2) Be able to implement environmental education methods, which center around nature experience (3) Share environmental education program, which is applicable to participant's country, among participant's organization</p>	<p>【TARGET ORGANIZATIONS/GROUP】 •Nature conservation organization, education institution, or NPOs/NGOs which engage in environmental education. •Central or local government officers or the member of NGOs/NPOs who are closely involved in planning and management of environmental education and expected to be in charge of such duties. •Have over 3 years of experience in environmental education.</p>	
CONTENTS	PROGRAM PERIOD	Aug.24.2009 ~ Oct.3.2009
<p>(1) PRELIMINARY PHASE: Participants make a report on current situation and its problems of natural environment of their country and participant's occupation</p> <p>(2) CORE PHASE IN JAPAN: •Review on current situation and its problems of natural environment of their country through presentation and discussion on the report •Comprehensive understanding of environmental education •Environmental education in Japan •Understanding of roles of nature school •Practice of environmental education programs using local resources •Practice of environmental education methods, which center around nature experience •Making action plan for implementing and disseminating environmental education in participant's country •Presentation and discussion on action plan</p> <p>(3) FINALIZATION PHASE: •Sharing action plan among participant's organization and making progress report of action plan by participant's organization.</p>	IMPLEMENTING PARTNER	NPO Whole Earth Institute
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2008~2010
	REMARKS	This course will be offered twice for JFY 2009. Course (A) will be held from Aug. 24 to Oct. 3, 2009 for the South American countries. Course (B) will be held from Feb. 22 to Apr. 3, 2010 for the Central America countries.


Target Countries: Congo Basin Countries

10 participants / French


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Participants develop capacity of planning forest prevention measures through sharing Japan's experience on forest management and international trend of forest prevention.</p> <p>【Expected Results】 (1)Forest Management in Japan (2)Forest Assessment by Satellite Imagery (3)Reduced Emission from Deforestation in Developing Countries (REDD) (4)Open Discussion on possible measures of Forest prevention in Congo Basin</p>	Forestry and Forest Products Research Institute, Forestry Agency	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	Mar.15.2010 ~ Mar.31.2010
<p>To share Japan's experience on forest prevention and to discuss possible action to be taken in the basin.</p> <p>(1)Japan's forest administration, proceeds-sharing forest system, forest certification and current status/problems (2)Forest assessment, satellite imagery analysis, GIS (3)REDD mechanism and issues to be discussed (4)Open seminar in the presence of researchers and administrators</p>	<p style="text-align: center;">IMPLEMENTING PARTNER</p>	Forest Training Institute, Forestry Agency, ITTO
	<p style="text-align: center;">JICA CENTER</p>	JICA Tokyo
	<p style="text-align: center;">COOPERATION PERIOD</p>	2009~2011
	<p style="text-align: center;">REMARKS</p>	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Core organizations in target areas involved in wildlife management planning will formulate trial plans that include preventive and problem-solving measures to eliminate friction between wildlife and humans, such as damage in agriculture and forestry, infection and injury.</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings: 1.First-year program (1)To be able to explain the outline of wildlife problems at home, in Japan and in other countries, (2)To be able to explain the present state surveys and information gathering methods for understanding of wildlife problems, (3)To be able to formulate basic data for the solution by analysis of wildlife issues,</p> <p>2.Second-year program In addition to the Output (1) to (3), (4)To be able to formulate the Trial Plan after consideration of solutions to wildlife problems based on the knowledge, basic data and problem analysis obtained from the Outputs (1) to (3),</p> <p>3.Third-year program In addition to the Output (1) to (4), (5) To analyze problems of the Trial Plan problems and finalize the Trail Plan.</p>	<p>【Target Organization】 Public organizations or NGOs involved in the conservation of the natural environment, forests and agriculture.</p> <p>【Target Group】 <Position> Officers who are responsible for wildlife management planning <Experience> Have more than 3 years of practical experience in the relevant field <Age> Under 45 years</p>	
CONTENTS	PROGRAM PERIOD	Jun.14.2009 ~ Aug.22.2009
<p>【Preparatory Phase】 Submission of the Inception Report (present state and issues of wildlife at home)</p> <p>【Program in Japan】 •L:Lecture, O:Observation, P:Practice, D:Discussion 1.First-year program (1)•L: General information on wildlife problems, L/O: Introduction to background, countermeasures, management systems, relevant laws and other information items regarding wildlife problems (2)• L/O/P:Outline of methods to understand the present situation of wildlife problems •L/P: Sociological investigation and analysis methods designed to identify causes and the present situation (from the viewpoint of human society) (3)•L/P: Establishment, management and operation of databases for survey data and information •L/P: Collection and dissemination of information using the Internet •L/P: Preparation, display and analysis methods for information using GIS</p> <p>2.Second-year program: Addition to Outputs(1)~(3), (4)• L/P/O:Acquisition of techniques necessary to share information with local residents via websites, pamphlets, explanatory sessions, etc. • Methods of holding citizen participation workshops •D: Preparation of draft operation plans (interim plans) •Output at the end of the second-year of training :Formulation of the Trial Plan •Activities Report after returning home: Sharing of Trial Plan and consideration of issues in their organizations</p> <p>3.Third-year program: Addition to Outputs(1)~(4), (5)• L/D:Discussion and formulation of the Trial Plan</p> <p>【Program in home country】 Submission of Final Report within 3 months after returning home country</p>	<p>IMPLEMENTING PARTNER</p> <p>NPO EnVision Conservation Office</p> <p>JICA CENTER</p> <p>JICA Obihiro</p> <p>COOPERATION PERIOD</p> <p>2009~2011</p> <p>REMARKS</p>	<p>Participants should be nominated in the same organizations during 3 years since the program is Solution Creation type and aims to achieve the objective through 3 years.</p>

Biodiversity Information System 生物多様性情報システム		GROUP  0980789
		Nature Conservation—Nature Conservation
		9 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Technical staffs of governmental and municipal offices for nature conservation or biodiversity conservation can acquire knowledge of collection, analysis, and dissemination of biodiversity information, and can have the ability to build and manage their own information system for biodiversity conservation of their countries.</p> <p>【Outputs】 (1) To understand the nature conservation policies in Japan, and to designate the actual situation and the current issues in their countries. (2) To explain the basic techniques of biodiversity data collection, and to acquire basic operation of the information systems. (3) To explain the necessary GIS techniques for data management and dissemination, and to acquire basic operation of GIS. (4) To explain biodiversity information dissemination (e.g. Web site design) through the Internet, and to acquire basic operation of related softwares.</p>	<p>【Target Organizations/group】 Governmental or municipal offices for nature conservation or biodiversity conservation</p>	
CONTENTS	PROGRAM PERIOD	Aug.18.2009 ~ Oct.10.2009
<p>(1) (Before the course) - To make a report of actual situation and current issues of biodiversity conservation and information systems in their countries.</p> <p>(During the course) - Presentation and discussion of the reports mentioned above. - Lectures of the Japanese policies related to national parks and nature conservation, and tours of national parks in Japan.</p> <p>(2) (During the course) - Lecture of outline of Biodiversity Center of Japan. - Lecture of National Survey on Natural Environment and Monitoring site 1000 project in Japan. - Lecture of data collection on Biodiversity Information System in Japan.</p> <p>(3) (During the course) - Lecture of data collection on Biodiversity Information System in Japan. - Lecture of remote-sensing, GIS, and GPS application. - Practice of computer network, the Internet, and database.</p> <p>(4) (During the course) - Lecture of data dissemination to the general public in Japan. - Lecture of Web GIS application for data dissemination. - Practice of Web site design and GIS operation.</p> <p>(5) (During the course) - Practice to build biodiversity information system. - Practice to make action plan and to prepare presentation. - Presentation and discussion of their action plans.</p>	IMPLEMENTING PARTNER	Biodiversity Center of Japan, Nature Conservation Bureau, Ministry of the Environment, Japan Wildlife Research Center
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008~2010
	REMARKS	<p>This course provides the integrated learning environment at Biodiversity Center for the development of the research and information skills necessary for building biodiversity information system. This course considers for acquiring practical skills through the site-visit where biodiversity information system is being put to practical use for the nature conservation and through the guidance of utilizing GIS.</p>

Sustainable development and public works considering environmental and social impact 環境・社会配慮を取り入れた持続可能な社会資本整備事業		GROUP  0980798
Target Countries: All over the world		Nature Conservation—Nature Conservation 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Action plan to solve issues on environmental and social impact in public works will be considered in participating organizations.</p> <p>【Outputs】 (1) Civil engineers will analyze the issues of consideration of environmental and social impact in public works. (2nd year)</p>	<p>【Target Organizations】 The organization for executing infrastructure development in developing countries</p> <p>【Target Group】 Civil engineers in charge of implementing Public Works</p>	
CONTENTS	PROGRAM PERIOD	Sep.28.2009 ~ Nov.21.2009
<p>(1) Presentation: Job Report Discussion: Issues of each country. (2) Lecture: The progress of the environmental problem in Japan. (3) Lecture and observation: The training for practical environmental countermeasures. (4) Practice: Action plan making.</p>	IMPLEMENTING PARTNER	Public Association for Construction Services, Kinki Region
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	

Planning and 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		GROUP 	0980843
Nature Conservation—Sustainable Use of Natural Resources		10 participants /	English
Target Countries: Countries located in Tropical and Sub-tropical Area			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 The issues on planning and managing the eco-tourism in tropical and/or sub-tropical area which participating organization are facing will be directed, and the practical measures to the issues will be formulated.</p> <p>【Expected Results】 (1) To solve the issues on organizations promoting eco-tourism. (2) To solve the issues on eco-tourism resources and a method of its management. (3) To be able to formulate an eco-tourism program effectively using local resources. (4) To be able to formulate a human resource development program which develops a capacity of local people who support an eco-tourism. (5) To be able to formulate an institutional action plan which aims for solving a issue in an eco-tourism.</p>	<p>【Target Organizations】 Governmental / public organizations and NGOs engaged in planning and management of eco-tourism</p> <p>【Target Group】 1) Current duties: a) be presently engaged in eco-tourism planning and management at a governmental or public organization taking charge of tourism development, or b) be presently engaged in eco-tourism planning and management at an NGO in collaboration with governmental organizations taking charge of nature conservation. 2) Experience in the relevant field: have more than three (3) years of experience in the above mentioned field.</p>		
CONTENTS	PROGRAM PERIOD	Apr.7.2009 ~ Jul.4.2009	
<p>For expansion of eco-tourism, this program contributes human resource of planning and management of eco-tourism in government and/or NGOs for solution of problems on eco-tourism.</p> <p><Preliminary phase (activities in home country)> (1) Formulating a job report describing the present situation of Eco-tourism in the participants' countries and participants' detailed work in their organizations, roles of their organization. <Core Phase (activities in Japan)> (1) Lectures for a basic idea of an eco-tourism/Case studies of environmental education and eco-tourism for local area/Lectures for a tourism development for area development/Lectures for an eco-tourism administration and its legislation (2) Lectures for a concept of an eco-tourism resources/Workshop for local resources development/Lectures and practices for a method of an eco-tourism resources research and monitoring/Case studies of the management mechanism and the establishment of local rules (3) Case studies of the eco-tour program which utilized local natural resources/Lectures for an institutional management of eco-tourim facilities and related organizations/Lectures and practices for a basic idea of the interpretation/Formulation and presentation of eco-tour program (4) Case studies of the enlightenmental activities in local region/Case studies of the training program for eco-tour guide/Lectures for a human resource development in educational institutions/Formulation and presentation of human resource development program (5) Issue analysis of an eco-tourism in participants' organization/Practice for the method of project formulation, implementation and evaluation (PCM method)/Case study of the JICA's technical cooperation project/Formulation and presentation of an action plan <Finalization Phase (activities in home country)> Share and discuss the action plan in respective organizations/Modify the action plan/Formulate and submit the progress report and completion report</p>	IMPLEMENTING PARTNER	Non Profit Organization Okinawa Environment Club	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2009~2011	
	REMARKS	(1) Carrying out an PCM workshop (2) JICA-Net lecture by the ex-participants of this training course (3) JICA-Net lecture of JICA technical Cooperation Project	

Conservation and Wise Use of Wetland in the context of implementing Ramsar Convention and CBD ラムサール条約・生物多様性条約に係わる湿地の保全と利用		GROUP  0980865
		Nature Conservation—Conservation of Biodiversity
		5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 The program aims to enable mid-level government officials or experts engaged in wetland and biodiversity conservation administration on a central or regional level to execute Activities Plan concerning wise use with the participation of local residents in consideration of the conservation of wetland environments and biodiversity.</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings:</p> <p>1. First-year program (1) To be able to explain the philosophy and information regarding the Ramsar Convention and the CBD and the measures for implementing them. (2) To be analyzed each country's situation concerning the measures for and challenges against the conservation and wise use of Ramsar sites and biodiversity.</p> <p>2. Second-year program (3) To be able to make a realistic plan for implementation by understanding the proper management and surveying techniques for monitoring wetland environment and biodiversity</p> <p>3. Third-year program (4) To be able to make a realistic plan for implementation by understanding the need for citizen participation, awareness raising and environmental education in relation to the Ramsar Convention and biodiversity. (5) To be able to formulate the Activities Plan for promoting conservation and wise use of wetland and biodiversity, and make an effective presentation of the plan.</p>	<p>【Target Organization】 Central or local governments which have jurisdiction over wetland management</p> <p>【Target Group】 <Position> Mid-level officials or experts who engaged in the conservation of wetland environmental biodiversity <Experience> have more than two years in the relevant field. <Other> Have sufficient physical strength to engage in field activities.</p>	
CONTENTS	PROGRAM PERIOD	May.12.2009 ~ Jul.1.2009
<p>【Preparatory Phase】 Submission of the Inception Report (Issue Analysis)</p> <p>【Program in Japan】 •L:Lecture, O:Observation, P:Practice, D:Discussion</p> <p>1. First-year program (1) •L/O: Outlook of the Ramsar Convention and the wise-use principle •L: Japan's policy on wetland conservation, Japan's policy on biodiversity conservation (2) •L/O/P: Local industry and the wise use of wetland and biodiversity •L/O/P: Eco-tourism as an example of wise use of wetland and biodiversity •L/O: Examples of wise use of various wetland environment and biodiversity •Submission of Progress Report after returning home countries</p> <p>2. Second-year program: Addition to the above (1) and (2), (3) •L/P: Monitoring method of wetland, Conservation and management of wildlife, Implementation and restriction of wetland, Management of alien species •Submission of Progress Report after returning home countries</p> <p>3. Third-year program: Addition to the above (1), (2) and (3), (4) •O/P: Awareness-raising program for the local community •L/O: Wetland conservation through citizen participation, Biodiversity conservation through citizen participation •L/O: Environmental education on wetland conservation and wildlife management (5) •P/D: Guidance on development of the Activities Plan •P: Presentation of the Activities Plan</p> <p>【Program in home country】 Submission of the Final Report within 3 months after returning home countries.</p>	IMPLEMENTING PARTNER	Kushiro International Wetland Centre
	JICA CENTER	JICA Obihiro
	COOPERATION PERIOD	2009~2011
	REMARKS	Participants should be nominated in the same organizations during 3 years since the program is Solution Creation type and aims to achieve the objective through 3 years.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 This course aims at achieving consensus for challenges on forest watershed management among the related persons and clarified the issues on implementing projects and business for the solution.</p> <p>【Output】 By the end of the course, participants are expected to:</p> <p>(1) understand the forest operation to improve water and soil conservation function of forest, forest management system, forest soil management, soil saving techniques to acquire ability of applying the knowledge in respective countries, (2) understand Japanese forest and watersheds management system, to acquire the ability of applying the skill in respective countries, (3) understand methodologies for making action plan and formulate and present the action plan, which is based for the challenges on forest watershed management in respective countries and the applicable technology/system. (4) having consensus for challenges on forest watershed management among the related persons and organizing important issues for improvement of implementing projects and business within 6 months after returning to home country.</p>	<p>Official technical staff who is responsible for administration for forest and forestry, or NGO's project managers related to forest management or equally experienced persons.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug.24.2009 ~ Oct.25.2009</p>
<p><Preliminary Phase in home country> Making a Country Report describing job outlines, the status of forest watershed environment and forest management.</p> <p><Core Phase in Japan> The program mainly covers the following subjects in lectures, site visits and exercise: 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</p> <p><Follow-up Phase> Participants are expected to implement the Action Plan and report on the progress.</p>	<p>IMPLEMENTING PARTNER</p>	<p>JAPAN FOREST TECHNOLOGY ASSOCIATION</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
	<p>REMARKS</p>	


14. Fisheries


Stock management and Enhancement in the Sea 海域における水産資源の管理及び培養		GROUP	0980336
Target Countries: Maritime countries		7 participants	English
Fisheries—Stock Enhancement and Aquaculture			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants will gain beneficial knowledge about stock management and enhancement of marine organisms considering biodiversity in the sea and utilize the knowledge for the improvement of current situations in participants' countries. Through the training program, participants are expected to understand; 1. the philosophy and concept for management of natural resource, 2. the importance of community ecology for fishery science, 3. evaluation of stocking effectiveness for fisheries resources (statistical method) 4. Improvement of coastal fishing ground, 5. Analysis of environmental chemistry at fisheries ground, 6. Preparing of nursery ground and artificial reef, 7. Hatchery enhancement, and 8. Seed-release situation	(1) University graduates or equivalent academic level with over 5 years of work experience (2) Individuals presently engaged in research and/or educational activities in fisheries (3) Individuals in good health to undergo fisheries field work		
CONTENTS	PROGRAM PERIOD	Jun.29.2009 ~ Oct.25.2009	
This training course is formulated to cover the following programs to obtain basic knowledge, both theory and practice, of the marine farming: I. (1)Theory of Community Ecology (2)Fisheries Pollution (3)Environmental Chemistry (4)Fish Disease (5)Food Nutrition for Rearing (6)Preparing of Nursery Ground and Artificial Reef (7)Benthos and Plankton (8)Hatchery Enhancement (Fish Seeding) (9)Seed-release Situation(10)Fisheries Genetics (11)Statistical Method on Evaluation of Stocking Effectiveness for Fisheries Resources (12)Fish Taxonomy (13)Early Life History of Fishes (14)Botany of Seaweed (15) Biology of other important marine animals(16)Governmental program with fishery cooperative for resource management and enhancement II. (1)Country report presentation (2)Study Tour (3)Individual Self-study (4)Making Study Report and Action Plan *Specialties which can be studied at the self-study session are as follows: Fisheries Stock Management, Fisheries Ecology, Environmental Chemistry, Fish Pathology, Fish Nutrition, Artificial Reef and Nursery Ground, Benthos and Plankton Research, Hatchery Enhancement, Aquatic Product Utilization.	IMPLEMENTING PARTNER	USA MARINE BIOLOGICAL INSTITUTE, KOCHI UNIVERSITY	
	JICA CENTER	JICA Shikoku	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Japanese intensive class (50 hours at JICA Osaka)	


Fish Disease Prevention and Hygienic Handling of cultured fish 養殖魚の健康と安全管理		GROUP	0980351
Target Countries: Countries with coastline or lakes suitable for seafood cultivation		8 participants	English
Fisheries—Stock Enhancement and Aquaculture			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 Participants improve the techniques and deepen the knowledge relevant to hygienic handling of aquaculture products and prevention of fish disease. 【Outputs】 (1) The present conditions and problems on aquaculture in the participant's home country are clearly mentioned in the Inception Report (2) The participant is able to explain the concepts and the techniques of the hygienic handling of aquaculture products (3) The participant is able to explain the concepts and the techniques of the diagnosis and prevention of cultured fish disease (4) A problem-solving plan on aquaculture (Strategy Plan) in the participants home country is suggested from the aspects of hygienic handling or preventive measures of fish disease	【Target Organizations】 National or regional governments in charge of promoting aquaculture, fish processing and distribution 【Target Group】 (1)Administrators in charge of promoting aquaculture, fish processing and distribution for at least 5 years		
CONTENTS	PROGRAM PERIOD	Sep.1.2009 ~ Nov.7.2009	
(1) Implementation of Inception Report Presentation (Presentation and Discussion) (2) Technique of Hygienic Handling of Aquacultured Products (Lecture and Practice) (3) Seafood Hygiene (Lecture and Practice) (4) Preventive Measures of Fish Disease(Lecture and Practice) (5) Drafting and presentation of a Problem-solving Plan (Strategy Plan) * Besides the classes mentioned above, visits to fish-farmers and a wholesale market is scheduled as a study tour. * Participants are provided with 2-day individual training on the subject of personal interest by choosing from the curriculum, so that they can deepen their understanding on it.	IMPLEMENTING PARTNER	National Fisheries University	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Coastal Fishing Technique for Sustainable Resource Use 持続可能な沿岸漁業		GROUP	0980975
Target Countries: Maritime countries		6 participants /	English
Fisheries—Fisheries Resource Management			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
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. This program aims to enable participants to manage sustainable development and the diffusion of fisheries for the region for which the participants are responsible. To attain this objective, participants are expected to achieve the following: 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, and 6) To learn comprehensive technical approaches for the extension and regulations of fishing techniques.	[Target Group] Ministries in charge of Fishing and Fish Resources Fisheries Training Institution [Target Group] 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		
CONTENTS	PROGRAM PERIOD	Mar.3.2010 ~ Jun.20.2010	
1. Introduction to fisheries and management in Japan, introduction to designing fishing gear, etc.: 2. Measurement in fishing technology: Module 3. Structure and operation of trawl: Module 4. Fishing ground survey and devices: Module 5. Bycatch/discard survey in set-net fishery: Module The module will provide both lectures and practice exercises (both at sea and on land)	IMPLEMENTING PARTNER	KAGOSHIMA University	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2005~2009	
	REMARKS	* As on-board training is included in this program, under 40 years of age is preferable.	

Maintenance of Refrigeration System for Oceania 冷凍機保守		R/F	0984215
Target Countries: For Oceania and Caribbean countries only		5 participants /	English
Fisheries—Other Fisheries Issues			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
This course is designed for the refrigeration systems for fisheries to be maintained and managed properly through the following outputs: (1) Understanding the fundamental knowledge and calculation of refrigeration systems (2) Obtain skills for troubleshooting, repairing and maintaining refrigeration systems using attached instruments or tools through disassembly and assembly systems. (3) Acquire and understand the latest information on refrigeration systems, based on actual processes in production. (4) Acquire and understand how to read and prepare the drawings of electric control. (5) Understand the fundamental knowledge of electric wiring.	【Target Organizations】 Ministries, agencies, and other organizations in charge of maintaining and managing refrigeration systems for fisheries, preferably provided under the Grand Aid Scheme 【Target Group】 Instructors in technical institutions, extension officers and heads of workshop, providing fishermen with technical training		
CONTENTS	PROGRAM PERIOD	Jan.12.2010 ~ Mar.21.2010	
* Theory of refrigeration systems (Heat and work / Fundamental law / Cycle / Heat transfer / Mollier diagram/ Refrigerant etc.) * Functions and construction of refrigeration systems (Brine / Compressor / Condenser / Evaporator / Refrigerating Equipment etc.) * Maintenance of refrigeration systems (Welding / Charge of refrigerants / Leakage test / Operation / Adjusting etc.) * Overhaul of Compressor	IMPLEMENTING PARTNER	Nissin Refrigeration & Engineering LTD	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2007~2009	
	REMARKS	For fiscal year 2009, this course will be implemented for both Oceania and Caribbean countries.	

Capacity Building of Local Government for Sustainable Fishery Development 地域水産業の持続的発展に寄与する行政担当者育成		GROUP  0980752
Target Countries: Maritime countries		Fisheries—Fisheries Resource Management 5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 The plan for sustainable fishery promotion / development which is formulated during the training course in Japan is shared and the consideration to launch the plan is initiated in the participant's organization.</p> <p>【Outputs】 (1) The basis of the plan for fishery promotion is formed by the clarification of the problems to tackle with. (2) The understandings of Japanese "Law & System" and "Economy & Management" concerning fisheries are reflected into the plan for fishery promotion. (3) The understandings of resource management, fishery management, and regional fisheries from statistical method are reflected into the plan for fishery promotion. (4) The understandings of sustainable regional fisheries such as resource-oriented fishery are reflected into the plan for fishery promotion. (5) The understandings of political tools (eg. budget, system, finance, facility, and administrative method) in order to realize sustainable regional fisheries are reflected into the plan for fishery promotion. (6) The skills needed as an official to implement the plan for fishery promotion are developed. (7) The plan for fishery promotion is formulated.</p>	<p>【Target Organizations】 National or regional governments which are engaged in promotion or administrative planning of fisheries in the specific regions.</p> <p>【Target Group】 (1) National or local government officials who are currently engaged in regional fishery promotion and/or political planning for regional fishery administration. (2) Work experience in the relevant field: More than 5 years. (3) Educational Background: Should have degrees of fishery-related universities or have studied economics, business administration, public administration and legal science.</p>	
CONTENTS	PROGRAM PERIOD	Mar.23.2010 ~ Jun.19.2010
<p><Preparatory phase (Before coming to Japan)> - Formulation and submission of Job/Country Report - Formulation and submission of Issue Analysis Sheet</p> <p><Program in Japan> (1) To formulate the basis of of the plan for sustainable fishery promotion (a) Course Guidance (b) Job/Country Report presentation (c) Issue Analysis Workshop (2) To learn Japanese legal systems on fishery such as Fishing Laws and Fishery Basic Acts, administrative measures, economics and theory of management from production, distribution and consumption (3) To learn our practical examples such as resource management and the method of statistical comprehension for viable fishery in regions (4) To learn the principle of resource management-oriented fishery through study of resources, biology and fishery economics and consider economic and political benefits (5) To learn the current situations of fishery administration at on-site of national, prefectural and local levels (6) To improve the skills needed as administratives of fishery promotion (a) To learn fishery administration at national levels at Fisheries Agency (Tokyo) and visit Tsukiji Market to see actual conditions of distribution and consumption of fishery products (b) To observe political structures, practices and guidance method to fisherman at fishery administrations of prefectural and municipal levels. (7) To formulate the plan for sustainable fishery promotion/development (a) To formulate plans for sustainable fishery promotion to achieve effective fishery administration in the area of responsibility utilizing regional resources. (b) Present the plans for fishery promotion and discuss their contents.</p> <p><Post-Program activities (After participants' return)> Application of the plan for sustainable fishery promotion back in the participant's country and submission of the Progress Report to JICA</p>	IMPLEMENTING PARTNER	National Fisheries Universtiy
	JICA CENTER	JICA Chugoku
	COOPERATION PERIOD	2007~2009
	REMARKS	


Planning for Fisheries Community Development 漁業コミュニティ開発計画		GROUP  0980852
Target Countries: Countries with coastline or large lakes (670km ² or more)		Fisheries—Rural Development in Fisheries 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 The possibility of the draft plan for fisheries community development will be studied, and the result of the study including a future policy will be decided by the fisheries administrative organization.</p> <p>【Expected Results (for the 1st year)】 1. To recognize and organize the issue or problems of activities, programs and systems of fisheries community development 2. The participants can deepen the necessary knowledge to strengthen and cultivate the fisheries community activities. 3. To recognize and organize the issue or problems of the proper programs and activities of fisheries community development for the purpose of income generation of fisher's households. 4. To recognize and organize the issue or problems of the proper programs and activities of coastal resource management and environmental conservation by the fisheries communities. 5. To formulate a practical action plan through the logical analysis of issues of fisheries community development in participant's countries and the detail consideration of concrete measures.</p>	<p>【Target Organization】 Central or Local government or any other Fisheries administrative organization or agency in charge of fishery community development</p> <p>【Target Group (for the 1st year)】 <Position> Administrative officers in charge of fisheries community development <Experience> Administrative officers with ten(10) years experience</p>	
CONTENTS	PROGRAM PERIOD	Aug.18.2009 ~ Sep.19.2009
<p>【Program in Japan (for the 1st year)】 A series of lectures, observations and practices will be held according to each of the followings; 1. Situation of coastal fisheries in Japan, Policy and regulation of fisheries community development in national and local government, Situation of fish product distribution and fish processing, Infrastructure development for fisheries communities, and etc. 2. Society and culture in fishing communities, Organization, structure and management of fisheries cooperative association, , and etc. 3. Income generation activities of fisheries cooperatives, Role of women in fishing communities, Economic management of fisher's households, Rural development in remote islands, and etc. 4. Mechanizm of coastal resource management, Environment-friendly fishing gears and methods, and etc. 5. Project Cycle Management, Problem and Objective analysis for own issues of fisheries community development, Formulation of practical action plans for fisheries community development, and etc.</p> <p>【Post-program acitivities (After participants' return)】 The participants are expected to implement the policy planning and requested to report the progress as a final report.</p>	IMPLEMENTING PARTNER	IC Net Limited
	JICA CENTER	JICA Yokohama
	COOPERATION PERIOD	2009~2011
	REMARKS	This program aims to accomplish the program objective in three (3) years. For the 1st year (2009), the target group will be the executives officers. The program period is subject to minor change.

Costal Fisheries Management 沿岸漁業管理		GROUP  0980863	
Target Countries: Coastal/island countries		Fisheries—Fisheries Resource Management 10 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Participating organizations formulate, approve and start to implement the appropriate Fisheries Management Plan for sustainable utilization.</p> <p>【Expected Results】 (1) To be able to explain the own country's coastal fisheries problems and the Japanese coastal fisheries framework (2) To be able to explain theoretical outline and method of fisheries management (3) To be able to explain examples of Japanese coastal fisheries management (4) To be able to formulate Action Plan for fisheries management</p>	<p>【Target Organization】Central or regional governmental organizations responsible for policy making in fisheries sector. This program will be held step-by-step in three years (2009-2011), so participants should be selected from same organization or relevant organizations for three years.</p> <p>【Target Group】 <for the 1st year> Position: be mid-career official responsible for planning of the coastal fisheries management in central government / research institute Experience in the relevant field: have more than 8 years' experience in the field of coastal fisheries management Age: be between the ages of thirty-five (35) and forty-five (45) years <for the 2nd and 3rd year> Position: be official responsible for implementing the Action Plan formulated former year in central or regional government Experience in the relevant field: have more than 5 years' experience in the field of coastal fisheries management Age: be between the ages of twenty-five (25) and forty (40) years</p>		
CONTENTS	PROGRAM PERIOD	Aug.18.2009 ~ Oct.8.2009	
<p>【reliminary Phase】 After reading the designated text, write up your idea, answer to some questions and submit the report.</p> <p>【Core Phase in Japan】 1.Presentation of Inception Report, Legal framework, Role of administration, Role of fisheries cooperative association, Distribution and processing of fishery product, System of fisheries education 2.Collection of fish catch statistics, Resource diagnostic methods, Setting fisheries management goal, Methods of fisheries management, Conservation of fisheries environment, Stock enhancement and sea farming, Establishment and Improvement of fishing ground, Selective fishing gears and methods 3.Case study of fisheries management, Measures taken by fishery administration, Measures taken by research institution, Measures taken by fishers, Measures taken by citizens 4.Problem and objective analysis based on Project Cycle Management (PCM) method, Formulation of Action Plan (Mid Term Plan), Drawing Study Report, Presentation of Action Plan</p> <p>【reliminary Phase】 Approve and implement the Action Plan back in the participant's country and report the situation as Progress Report.</p>	IMPLEMENTING PARTNER	INTEM Consulting, Inc.	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2009~2011	
	REMARKS	<ul style="list-style-type: none"> •This program will be held step-by-step and achieved in three years (2009-2011) •Some reporting session will be opened to Japanese students in which participant discuss with them. 	

Target Countries: Countries in the Pacific region which have JICA Offices

5 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Sustainable management and utilization of coastal fishery resources will be implement in respective fishery department.</p> <p>【Expected Results】 (1) To understand the development of coastal fishery in Japan/Okinawa, and the measures against improving fishermen's livelihood from the point of "livelihood diversification". (First year) (2) To plan a development project, and to understand the flow of "Planning, Action, Evaluation" which will be necessary for the implementation of the project. (First/Second year) (3) To understand the similarity and the discrepancy between Japan / Okinawa and Pacific region, and the way of applying Japan / Okinawa case to Pacific region. (Second year) (4) To discuss the way of applying Japan / Okinawa case to respective country, and to make a concrete proposal. (Third year) (5) To implement the action plan, and analyze the progress and the result. (After the three year training)</p>	<p>【Target Organization】 Senior officer of fishery department</p> <p>【Target Group】 1) Officials in managerial position 2) Experience in the relevant field: have more than five (5) years' practical experience in the field of coastal fishery management</p>	
CONTENTS	PROGRAM PERIOD	Oct.13.2009 ~ Dec.5.2009
<p>For sustainable management and utilization of coastal fishery resources, this program contributes governmental officers who partake in fishery for solution of problems on fishery.</p> <p><Preliminary phase (activities in home country)> (1) Formulation of Job Report</p> <p><Core Phase (activities in Japan)> (1) •Legislation and administration of fishery in Japan •Case study of fishery resource management in Japan •Resource management and fishing village promotion by livelihood diversification •Formulation of action plan (2) (First year) Problem analysis/Object analysis/Formulation of PDM/Practice at a model site (Second year) Review of the first year training/Site visit and analysis of the factors of the success or failure in the past projects in fishery sector (3) •The present situation of coastal resources and fishery sector in Pacific region •Field survey of fishing village in Pacific region •Discussion on the possibilities and constraints of application of Japans' case to Pacific region •Formulation of interim action plan (4) •Plan/implement/analyze a small scale project at model site •Formulation of final action plan</p> <p><Finalization Phase (activities in home country)> Share and discuss the action plan in respective organizations/ Modify the action plan/ Implement and analyze the progress</p>	IMPLEMENTING PARTNER	Non-Profit Organization Okinawa Environment Club
	JICA CENTER	JICA Okinawa
	COOPERATION PERIOD	2009~2011
	REMARKS	<p>(1) This program will accept the same participants for three consecutive years, in order to solve the problem from a long-term point of view. (2) This program expect to promote the information sharing network among the area, and to promote the connection between related organizations such as USP, SPC.</p>

Sustainable Rural Fisheries Development for French Speaking Central and West African Countries 仏語圏中西部アフリカ 持続的漁村開発		R/F 	0984292
Target Countries: French-speaking central and west african countries		5 participants /	French
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Action plan on fisheries community development program is approved by the fisheries development government or agency through intaregeonal dialogue with concerned organizations and fisheries communities.</p> <p>【Outputs (for the 1st year)】 1. [Preparatory phase in a participant's home country] To organize issues or problem of fisheries community development preliminarily. 2. [Core phase in Japan] To learn various measures and policies through understanding of the actual situation of Japanese coastal fisheries and fisheries community development system. 3. [Core phase in Japan] To understand financing facility system for the purpose of fisheries community development such as micro-credit. 4. [Core phase in Japan] To understand the collaboration system and cases between government and fishermen in fisheries resource management. 5. [Core phase in Japan] The prepared issue of fisheries community development will be organized as an action plan idea through the discussion with the course leader, lectureres and other participants. 6. [Home county phase] The participants will share the knowledge and talk over the issue of action plan idea with the 2nd year's participant. And the report on it will be submitted.</p>	<p>【Target Organization】 Central or local government in charge of fisheries community development</p> <p>【Target Group】 <Position> (1st year) Extension officers in charge of fisheries community development and its extension (2nd year) Administrative officers in charge of planning on fisheries community development (3rd year) Executive officers responsible for fisheries community development <Experience> (1st year) 5 years experience in extension of fisheries community development (2nd year) 5 years experience in fisheries community development (3rd year) 10 years experience in fisheries administration <Others> It is preferable for the participants of the 1st and 2nd year to have field experience on fisheries community development, income generation activities and organization of fishermen.</p>		
CONTENTS	PROGRAM PERIOD	Mar.1.2010 ~ May.30.2010	
<p>【Preparatory phase (Before coming to Japan)】 The participants' organizations are requested to analyze and organize preliminarily issues or problem of fisheries community development and report the result.</p> <p>【Program in Japan】 Lectures, observations, practices and discussion on the followings; 1. The actual situation of Japanese fish-processing and distribution, Fisheries cooperative system, role and operation, and etc. 2. Income generation activities of women's group of fisheries cooperatives, Activities for better management of small-scale fisheries cooperatives, and etc. 3. Environmental improvement activities of fishing grounds, Community-based activities for coastal environmental conservation and etc. 4. Presentation of the prepared issue on fisheries community development of their own countries, discussion with other participants, course-leader and lectureres.</p> <p>【Post-program activites (After participants' return)】 The participants are requested to share the knowledge with the 2nd year's participant and talk over the action plan idea in their organization, and submit the report on it.</p>	IMPLEMENTING PARTNER	Not yet fixed (should be selected by tender)	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2009~2011	
	REMARKS	<p>1. The preliminary survey for the main target countries will be conducted around August 2009. The result of the survey will be reflected in the program. 2. The program period is sujet to minor change.</p>	


15. Gender and Development


Seminar on the Promotion of Education for Girls and Women 女性の教育推進セミナー		GROUP	0980209
		Gender and Development—Gender and Development Education—Other Education Issues 12 participants / English	
OBJECTIVE	TARGET ORGANIZATION / 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 of girls and/or women's educational field		
CONTENTS	PROGRAM PERIOD	Jan.19.2010 ~ Feb.11.2010	
(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	JICA Tokyo	
	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		GROUP	0980723
		Gender and Development—Gender and Development 8 participants ★ / English	
OBJECTIVE	TARGET ORGANIZATION / 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] National Gender Machinery at central/local level [Target Group] (1) Government officers in charge of planning policies for gender mainstreaming and gender equality with at least 5 years of professional experience (2) Under 45 years old (3) University graduate or equivalent (4) Have sufficient commands of spoken English		
CONTENTS	PROGRAM PERIOD	Jun.22.2009 ~ Jul.25.2009	
1. Lectures, discussion and/or field studies (1) Introduction of policies for gender mainstreaming (2) Methods for gender mainstreaming(gender budget, gender statistics etc.) (3) Introduction of gender equality and gender mainstreaming policies and activities in Japanese administration(central and local governments) (4) Gender mainstreaming in Education, Rural Development, Environment Issues, Labor Administration etc. (5) Women's economic empowerment and entrepreneurship. 2. Presentation (1) Country Report and Action Plan	IMPLEMENTING PARTNER	KITAKYUSHU FORUM ON ASIAN WOMEN	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2007~2009	
	REMARKS	*This program includes active participation in discussions and action plan development, thus requires high competence of English ability. *Participants are required to give presentations on the situation of women in their own country.	


Gender Mainstreaming in Fishing Community Development 漁村開発におけるジェンダー主流化		GROUP 	0980976
		Gender and Development—Gender and Development Fisheries—Fishing Community Development 4 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 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: 【Outputs】 1. To increase the understanding on the concepts of Gender, WID, GAD, partnership between men and women and awareness of gender-responsive project 2. To acquire skills and methodology of Gender analysis 3. To acquire knowledge for the improving of the income level of the fishing community 4. To enhance comprehensive knowledge on the gender-responsive project and support project, and prepare an appropriate draft project plan	【Target Organization】 Central and local government dealing with the planning and implementation of fishing community development 【Target Group】 1. Central and local government staff directory engaged in fishing community development with more than 3 years' experience 2. University graduates or with equivalent qualifications 3. Both men and women are welcomed.		
CONTENTS	PROGRAM PERIOD	Jan.17.2010 ~ Mar.3.2010	
The following subjects will be covered in this course through lectures, observations, workshop and discussions; 1. Outline of WID/GAD 2. Gender Analysis 3. Case Study(entrepreneurship/small scale business by group in fishing community) 4. Support system for fishing community development 5. People-centered workshop skills At the end of the program, the participants will draft a project plan based on the knowledge and idea obtained through the program, and also formulate a plan of operation including how they will work on the project plan.	IMPLEMENTING PARTNER	Fisheries & Aquaculture International Co., Ltd	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS		


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>The objective of this program is that knowledge about the policy for the function enhancement of the National Machinery and realization of gender-equal society will be shared organizationally in participating countries.</p> <p>To achieve the objective, participants are expected to:</p> <p>1) To identify the present situation and issues surrounding National Machineries and women in each participant's country;</p> <p>2) To understand policy planning for promotion of gender equality and effective implementation method of projects;</p> <p>3) To prepare the draft plan of action for realization of gender-equal society suitable for the situation of each participating country.</p> <p>4) To implement the draft plan of action mentioned in 3) in each participant's country after return home.</p>	<p>(1) Officer of national machinery (2) University graduates (3) Individuals with more than 5 years of experience of gender equality (4) Individuals under 50 years of age (5) Individuals with adequate knowledge of the Beijing Declaration and Platform for Action and * "Outcome Document"</p>	
CONTENTS	PROGRAM PERIOD	Nov.16.2009 ~ Dec.17.2009
<p>(1) LECTURE</p> <ul style="list-style-type: none"> • 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) <p>(2) PRESENTATION AND DISCUSSION</p> <ul style="list-style-type: none"> • Gender Equality in Japan • Gender Equality in participating countries (Country Report) • Preparing the draft plan of action for realization of gender-equal society suitable for the situation of each participating country. <p>(3) VISIT</p> <ul style="list-style-type: none"> • Local governments, Women's Center, other facilities related to gender equality <p>(4) FINALIZATION PHASE IN A PARTICIPANT'S HOME COUNTRY</p> <ul style="list-style-type: none"> • Implementing the action plan in the respective countries, and submitting Final Report to JICA. 	IMPLEMENTING PARTNER	GENDER EQUALITY BUREAU, CABINET OFFICE
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	<p>* "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.</p>

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		GROUP 	0980930
Gender and Development—Gender and Development			
		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>The objective of this program is to enhance the capacity of the organizations that promote women's entrepreneurship development.</p> <p>To achieve the objective, participants are expected to produce the following outputs:</p> <p>(1) To 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) To organize systematically support systems, which can be applied to women's entrepreneurship development in their countries.</p> <p>(3) To prepare the draft action plan of the women's entrepreneurship development for each country.</p> <p>(4) To implement the draft action plan in each participant's country after returning home.</p>	<p>(1) More than 3 years of experience in organizing program(s) for women's economic empowerment.</p> <p>(2) Either section chiefs/acting section chiefs of a governmental organization or an NGO with nomination by their governmental organization,</p> <p>(3) Individuals in good health, both physically and mentally, to undergo the program,</p>		
CONTENTS	PROGRAM PERIOD	Jan.13.2010 ~ Feb.1.2010	
<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, the result of the action plan taken by the organization are reported as the Final Report 3 months after the return.</p>	IMPLEMENTING PARTNER	WWB Japan	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS		

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		R/F 	0984245
Target Countries: Latin America		17 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】Participants of the Seminar analyze problems in rural development projects in charge, and understand the implementation system and monitoring and evaluation feedback system of the Livelihood Improvement Approach in Japan. In addition, participants prepare in their joint names "Tsukuba Pronouncement 2010" which is consisted by meaningful learning in Japan and application measure. Finally participants share learning in their organizations.</p> <p>【Expected results】</p> <p>1) To prepare Inception Report to identify problems. 2) To learn implementation system and characteristics of rural development and rural women empowerment through the Livelihood Improvement Approach in Japan. 3) To be capable to explain evaluation systems of livelihood improvement groups in Japan. 4) To prepare and present "Tsukuba Pronouncement 2010". 5) To prepare final reports of execution of the activities in each country after 3 months of the program in Japan.</p>	<p>【Target organizations】</p> <p>1. Central and local governmental organizations in charge of policy planning in rural development including rural women empowerment</p> <p>2. Central and local governmental organizations and NGOs in charge of implementation of rural development projects including rural women empowerment</p> <p>【Target group】</p> <p>1. Personnel at management posts.</p> <p>2. Personnel with work experiences in rural development or rural women empowerment.</p> <p>3. Be engaged or planning to be engaged in JICA's Cooperation Programs</p>		
CONTENTS	PROGRAM PERIOD	Jan.17.2010 ~ Jan.30.2010	
<p>1. Pre-Program before coming to Japan (Product: Inception Report) Participants should study the JICA technical cooperation contents "Livelihood Improvement Approach for Rural Community Development" and prepare Inception Report.</p> <p>2. Program in Japan (Product: Interim Report "Tsukuba Pronouncement 2010") Activities 0) to 4) for solving problems identified through Inception Report will be carried out; 0) Inception Report presentation, sharing information and opinions, 1) Lecture and discussion on Livelihood Improvement Approach, 2) Lecture and discussion on Participatory Development, Monitoring and Evaluation, 3) Case-Study in Iwate Prefecture through field trips, and 4) Sharing of learning in Japan and discussion on its application in the future. In the end of the Program in Japan, "Tsukuba Pronouncement 2010" is prepared and presented jointly by the participants.</p> <p>3. Post-Program (Product: Final Report) Participants are requested to prepare Final Reports on execution of activities proposed in "Tsukuba Pronouncement 2010" and submit them to JICA Offices.</p>	IMPLEMENTING PARTNER	IC Net Limited	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007~2009	
	REMARKS	This seminar is conducted for executive participants, so that participants should be authorized to make decisions in their institutions for carrying out activities after returning to the respective countries.	

16. Urban/Regional Development

Project Management and Evaluation for Civil Engineers in Public Works 公共事業の計画・管理・評価		GROUP 	0980230
Urban/Regional Development—Urban Development			
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 This program is aiming to provide the broader management skill on planning and evaluating the public works in order that the participants can create the strategy or ideas to promote their projects effectively. In order to accomplish the aim, the participants are expected to understand and acquire the following 5 points:</p> <p>【Outputs】 1. To study supervision and inspection system, ensuring quality, etc. 2. To learn contract system in public works 3. To learn project evaluation methods at each step before, during and after infrastructure development as actually conducted in Japan 4. To learn the process to obtain the support and agreement of citizens through accountability in infrastructure project 5. To study updated site management</p>	<p>【Target Organizations】 Central /local government or government affiliated organizations in charge of public works in developing countries 【Target Group】 1. University graduates or with the equivalent in the field of civil engineering 2. Civil engineers in central or local government 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, ports, dams, etc.)</p>		
CONTENTS	PROGRAM PERIOD	Sep.23.2009 ~ Nov.21.2009	
<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. The following subject will be covered through lectures, observations, discussions and practices; 1. project management system 2. contract system in public works 3. project evaluation methods on life-cycle cost, 4. obtaining the support and agreement of citizens, 5. site management (quality, schedule, cost, and safety management) At the end of the program, the participants will formulate the Action Plan stating how the knowledge and technique acquired through the program.</p>	IMPLEMENTING PARTNER	Japan Construction Training Center	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Construction Equipment and Mechanized Construction Management 建設機械及び建設施工監理		GROUP 	0980708
Urban/Regional Development—Urban Development			
		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 This program is designed with the aim to develop human resources in charge of public projects promoting infrastructure development into managers with broad views and high-level skills for the supervision and control of the road, bridge and tunnel construction project mainly managed by construction machineries. 【Outputs】 1. To gain theoretical knowledge and practical techniques on mechanized construction method for civil engineering 2. To gain knowledge of mechanized construction management such as of the selection and the operation of construction equipments 3. To gain theoretical knowledge and practical techniques of maintenance of construction equipment 4. To gain theoretical knowledge of planning and management of mechanized construction 5. To gain practical experience of mechanized construction</p>	<p>【Target Organization】 Central/local government in charge of supervising and control of road, bridge and tunnel construction project. 【Target Group】 1. University graduates who have been specialized in the field of mechanical engineering or equivalents 2. mechanical engineer currently engaged in mechanized construction management and with at least eight (8) years experience in the same field</p>		
CONTENTS	PROGRAM PERIOD	Sep.1.2009 ~ Nov.27.2009	
<p>This program consists of lecture, observation, practice and discussion on the following themes: 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 At the end of the program, participants will formulate an Action Plan stating how they will utilize the knowledge and technique acquired through the program.</p>	IMPLEMENTING PARTNER	JAPAN CONSTRUCTION MECHANIZATION ASSOCIATION	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Infrastructure development and management. 国土整備マネジメント		GROUP	0980768
Urban/Regional Development—Regional Development			
		5 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Program Objectives】</p> <p>Heads or equivalent of national research institute in the field of infrastructure management, or directors or equivalent responsible for public works department of central government organs will be trained to improve their abilities to formulate and implement management of the prevention and mitigation of natural disasters, in step with the economic and social development stage of their countries.</p> <p>【Expected Results】</p> <p>(1) To understand the current policies, regards to the prevention and mitigation of natural disasters in Japan.</p> <p>(2) To acquire the technical knowledge for the infrastructure management in the scope of prevention and mitigation of natural disasters.</p>	<p>【Target Organizations】</p> <p>National research institute in the field of infrastructure management, or public works department of central government organizations</p> <p>【Target Group】</p> <p>– Heads or equivalent of natural research institute in the field of infrastructure management, or directors or equivalent responsible for public works department of central government organizations</p>		
CONTENTS	PROGRAM PERIOD	Oct.19.2009 ~ Oct.29.2009	
<p>【Preliminary Phrase】</p> <p>Each participant shall write a report about current situation and problems in his/her country in relation to the prevention and mitigation of natural disasters.</p> <p>【Program in Japan】</p> <p>(1) Listen to keynote speech on “Prevention and mitigation of natural disasters.”</p> <p>(2) Announce and discuss their studies and policy formulation of the prevention and mitigation of national disasters.</p> <p>(3) Attend the lectures on specific subjects (Earthquake and Tsunami related disasters, Flood and Storm Surge related disasters, Sediment management related Disasters).</p> <p>(4) Make field trips to survey some examples of the prevention and mitigation of national disasters in Japan.</p> <p>(5) Join the panel discussion to exchange the knowledge and opinions with senior researchers in the international symposium.</p>	IMPLEMENTING PARTNER	National Institute for Land and Infrastructure Management (NILIM)	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2008~2010	
	REMARKS	This training program is for high class official in relevant organizations.	

Seminar on Development and Application of Construction Engineering 建設技術の開発・応用セミナー		GROUP	0980979
Urban/Regional Development—Urban Development			
		9 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】</p> <p>The participants are expected to be trained as core individuals in the Civil Engineering field to contribute to the needs of appropriately skilled people through the followings;</p> <p>【Outputs】</p> <p>1. To know the recent international conditions in the construction field,</p> <p>2. To gain the knowledge of the newly developed survey/design/construction engineering,</p> <p>3. To deepen understanding about engineering based on local materials or traditional techniques,</p> <p>4. To get a better grasp of environmental problem and recycling of the construction waste, and</p> <p>5. To gain the recent maintenance technique.</p>	<p>【Target Organization】</p> <p>Central/local governments, institutes and universities in charge of civil engineering field in their country</p> <p>【Target Group】</p> <p>1. Mid-career officials or researchers who are in charge of civil engineering (except building and house works)</p> <p>2. University graduates or equivalents majoring civil engineering or related programs</p> <p>3. Individuals with between 8 and 18 years of occupational experience in civil engineering field</p>		
CONTENTS	PROGRAM PERIOD	May.10.2009 ~ Jun.27.2009	
<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,</p> <p>(2) Newly developed survey/design/construction engineering,</p> <p>(3) Engineering based on local materials or traditional techniques,</p> <p>(4) Environmental problems and the recycling of construction waste, and</p> <p>(5) Recent maintenance techniques.</p> <p>At the end of the program, the participants will formulate the Action Plan stating how they will utilize the knowledge and technique acquired through the program.</p>	IMPLEMENTING PARTNER	Japan Construction Training Center	
	JICA CENTER	JICA Yokohama	
	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		GROUP	0980980
Urban/Regional Development—Urban Development			
		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 Our country has developed national land with rapid growth of economy, and brought themselves out of poverty. In late years, community based regional development and environmentally friendly development approach has been initiated in our country. Through the introduction of these experiences in Japan, this program has the aim of improving the ability of human resources in planning and implementing national / regional development policy through the followings;</p> <p>【Outputs】 1. To acquire the knowledge of planning, policy formulation, and the implementation of national land 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>【Target Organization】 This program is designed for central or regional government responsible for planning or implementation of national or regional development projects or policies.</p> <p>【Target Group】 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</p>		
CONTENTS	PROGRAM PERIOD	Sep.8.2009 ~ Oct.24.2009	
<p>This program consists of lecture, observation, practice and discussion on the following themes;</p> <p>1. Policy/Institution •National Planning System in Japan its Process •Development of Japanese Economy and the Role of Government Policies •Policy Evaluation and Community Governance</p> <p>2. Individual Policy •Environmental Policy in Japan •Overview of Tourism Policy in Japan •Agricultural Policy in Japan •Development and Application of Geographic Information System •Project Finance and Project Management</p> <p>At the end of the schedule, the participants will announce their program outputs, have group discussion, and make a presentation of their study report.</p>	IMPLEMENTING PARTNER	National Land Planning Association	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2005~2009	
	REMARKS		


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		GROUP	0980984
Urban/Regional Development—Regional Development			
		11 participants	English
OBJECTIVE	TARGET ORGANIZATION / 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.</p> <p>Expected Results are:</p> <p>1. To gain comprehensive knowledge of the Participatory Approach (PA) as an effective methodology for social preparation and experience-based learning among target local people 2. 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 3. To obtain comprehensive knowledge and skills of participatory local social development planning and management 4. To develop the ability to revise their respective present projects through review and analysis from PLSD viewpoints and perspectives</p>	<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	Jul.27.2009 ~ Sep.5.2009	
<p>1. Introduction of the participants' projects 2. Conceptual framework and practical method for PLSD 3. Practical methods of PA and sectorial case studies in developing Countries 4. Field Trip to PLSD related sites 5. Exercises in PLSD planning, management and monitoring 6. Action Plan development to improve participants' projects</p>	IMPLEMENTING PARTNER	NIHON FUKUSHI UNIVERSITY	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2005~2009	
	REMARKS	<p>(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.</p>	


Urban Engineering 都市工学(長期)		L/T	0981131
Urban/Regional Development—Urban/Regional Development			
		2 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 Capacity development for planning and research activities in governmental offices, researchers and engineers who are expected to be involved in long-term development planning.	【Target Organizations】 Universities, Governmental research institutes, Governmental authorities for development planning		
【Output】 (1) Acquisition of basic knowledge and theories on urban and regional planning (2) Acquisition of advanced knowledge and theories on urban and regional planning (3) Acquisition of actual methodology on urban and regional planning (4) Research works and research paper writing	【Target Group】 For Master degree: under 35 years old For Doctoral degree: under 40 years old Application for Master's or Doctor's can be acceptable.		
CONTENTS	PROGRAM PERIOD	Mar.15.2010 ~ Mar.31.2012	
(1) Advanced Urban Analysis, Solid Waste Management, Environmental Systems Analysis, Environmental Reaction Kinetics, Biochemistry In Environmental Control, Fundamentals of Water Pollution Control, Advanced Course in Environmental Microbiology, Urban Transport Planning and Analysis, Residential Environment, Regional Development Planning, Urban Development Planning (2) Management of Global and Urban Environment, Water Environment Technology, Urban Transport Policy, Hazardous Waste Management, Environmental Risk Management, Urban Planning In Developing Countries, Urban Water Systems, Membrane Technology for Water and Waste Water Treatment, Material cycles and Recycling system (3) Advanced Course In Environmental Engineering Laboratory, Exercise on Urban Planning Project, Site observation (4) Research paper, Master's or Doctoral thesis	IMPLEMENTING PARTNER	Department of Urban Engineering, School of Engineering, The University of Tokyo	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008~2010	
	REMARKS		


Infrastructure Planning and Design(Master's or Doctor's degree: Engineering) 社会基盤計画・設計(長期)		L/T	0981132
Urban/Regional Development—Urban/Regional Development			
		2 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 Education of advancing methodologies/technologies and facilitation of ability in policy making and implementation for infrastructure planning and design in developing countries	【Target Organizations】 Universities, Research Institutes and Administrative Bodies		
【Outputs】 (1) Acquisition of advanced knowledge and theories on infrastructure planning (2) Acquisition of advanced knowledge and theories on infrastructure design (3) Research in international environment			
CONTENTS	PROGRAM PERIOD	Mar.15.2010 ~ Mar.14.2012	
(1) Economics, Project Financing Theory, Project Management Theory, Regional Planning, Urban Planning, Transportation Planning, Spatial Informatics, Landscape Planning, Disaster Mitigation Planning (2) Geotechnical Engineering, Concrete Engineering, Structural Engineering, River/Coastal Engineering, Earthquake Engineering (3) Seminar/Experiment, Research Paper, Internship Program	IMPLEMENTING PARTNER	Department of Civil Engineering, The University of Tokyo	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008~2010	
	REMARKS		


Capacity and Regional Development (Master's Degree Program) キャパシティ・ディベロプメント及び地域開発(長期)		L/T	0981147
		Urban/Regional Development—Regional Development	
		4 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 The aim of this program is to develop the abilities of HR in developing countries by focusing on capacity development and knowledge-sharing for regional development. The program will consist of a curriculum of program lectures, field work focused on One Village One Product (in Oita and in developing countries) and a mandatory Research Project. Program participants will be able to gain practical experience in capacity building and theories of regional development. Under the supervision of their faculty, participants must also conduct research and write a research report or a thesis on capacity development and regional development in their home countries.</p> <p>【Outputs】 (1)to develop the abilities for regional development (2)to gain practical experience in capacity building and theories of regional development. (3)to get a master's degree</p>	<p>【Target Organizations】 Central / Local governments, authorities in charge of capacity and regional development.</p> <p>【Target Group】 1) Current Duties: be engaged in regional development or capacity development in the central or local government 2) Experience in the relevant field: have more than 3 years of occupational experience in the field of regional development 3) Educational Background: completed an undergraduate bachelor's degree or equivalent from a recognized institution</p>		
CONTENTS	PROGRAM PERIOD	Sep.7.2009 ~ Sep.30.2010	
<p>(1) Taking common subjects (Advanced Research Method, Advanced Data Analysis and Statistics, Regionalism and Globalization, International Political Economy, Academic Writing)</p> <p>(2) Taking Major common Subjects (International Cooperation Policy, Theories of Sustainable Development, Human Resources Management)</p> <p>(3) Taking Major core Subjects (International Public Administration, Project Evaluation, Project Planning, Development Economics)</p> <p>(4) Group Field Work ("One Village One Product" Regional Development Program) in Oita focusing on theoretical study and/or practical experience.</p> <p>(5) Conducting research and complete Master's theses or reports.</p>	IMPLEMENTING PARTNER	Ritsumeikan Asia Pacific University	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2008~2010	
	REMARKS		


Participatory Local Social Development: Theories and Practices 参加型地域社会開発の理論と実践		GROUP  0980727
		Urban/Regional Development—Regional Development
		10 participants / English
OBJECTIVE	TARGET ORGANIZATION / 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.</p> <p>Expected Results are:</p> <ol style="list-style-type: none"> 1. To gain comprehensive knowledge of the Participatory Approach (PA) as an effective methodology for social preparation and experience-based learning among target local people 2. 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 3. To obtain comprehensive knowledge and skills of participatory local social development planning and management 4. 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	Jan.25.2010 ~ Mar.19.2010
<ol style="list-style-type: none"> 1. Introduction of the participants' projects 2. Conceptual framework and practical method for PLSD <ul style="list-style-type: none"> - Historical Background of PLSD - Conceptual Framework of PLSD 3. Practical methods of PA and sectorial case studies in developing Countries <ul style="list-style-type: none"> - Theory and Practice of PA - PCM/PRA and PA - Potentialities and Constraints of PA - Development Elements & Self-Organizing Capability - Local Community System & Its Functional Analysis - Local Societal System and Phrasal Approach - History of Decentralization in Japan 4. Field Trip to PLSD related sites <ul style="list-style-type: none"> - History and Local Administration System - Local Community System - Kominkan System (Social Education Program) - Community Management over Common Resource and Facility - Farmer's Cooperatives (JA) 5. Exercises in PLSD planning, management and monitoring <ul style="list-style-type: none"> - Project Cycle Management in PLSD Perspective - Project Research in PLSD - Exercise of PLSD Research Formats - Project Planning in PLSD - Exercise of PLSD Planning Formats - Project Management in PLSD - Exercise of PLSD Project Management Formats - Project Monitoring & Evaluation in PLSD - Exercise of PLSD Evaluation Formats 6. Action Plan development to improve participants' projects 	IMPLEMENTING PARTNER	NIHON FUKUSHI UNIVERSITY
	JICA CENTER	JICA Chubu
	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.


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		R/F 	0984110
Target Countries: Southeast Asia		Urban/Regional Development—Regional Development	
		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / 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</p> <p>2) University graduates or equivalent, with at least 5 years working experience on regional development</p> <p>3) Individuals with a sufficient command of English (TOEFL score of at least 500 or equivalent)</p>		
CONTENTS	PROGRAM PERIOD	Jul.6.2009 ~ Aug.12.2009	
<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	JICA Chubu	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Expected number of participants per country: 3	

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)		R/F  0984163
Target Countries: Africa		Urban/Regional Development—Regional Development 7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This course is designed for ministries, agencies, and/or organizations which are responsible for the research and construction of concrete structures to acquire the proper techniques for the survey, diagnosis, maintenance, and management of durability of concrete structures and also deliberate the method(s) to utilize and disseminate the techniques.</p> <p>To achieve this program objective, participants are expected;</p> <p>(1) To acquire surveying and diagnostic methodologies for existing concrete structures</p> <p>(2) To acquire testing methods relating to the durability of concrete structures</p> <p>(3) To acquire various testing methods relating to alkali-aggregate reaction</p> <p>(4) To be able to develop the proper measures for utilization and dissemination of above techniques.</p>	<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.14.2009 ~ Nov.28.2009
<p>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.</p> <p>2. Lectures and practical studies (experimentation) will be conducted regarding durability and alkali-aggregate reaction.</p> <p>3. Fieldwork will be conducted involving actual concrete structures</p>	IMPLEMENTING PARTNER	General Building Research Corporation of Japan (GBRC)
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2006~2010
	REMARKS	


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		R/F  0984212
Target Countries: Central Asia		Urban/Regional Development—Regional Development 12 participants / Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP	
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 specialties 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.	【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 【Target Group】 Public officers in local authority (local government) or public organization providing supporting services for farmers groups or micro-producers. Preferably with more than 10 years experience in this field.	
CONTENTS	PROGRAM PERIOD	Nov.9.2009 ~ Dec.12.2009
1. Understanding the importance of endogenous regional development and organizing problems and challenges in interested nations and areas 2. Understanding support systems and measures to promote endogenous regional development in Japan and trying to find applicability 3. 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 4. 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 5. 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	JICA Chubu
	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		R/F 	0984222
Target Countries: ASEAN countries(Vietnam, Laos, Myanmar, Cambodia, East Timor)		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>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.</p> <p>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:</p> <p>(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</p>	<p>【Target Organizations】 National/Regional governments in charge of planning/implementing/evaluating regional development and its systems</p> <p>【Target Group】</p> <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 		
CONTENTS	PROGRAM PERIOD	Jun.14.2009 ~ Jul.4.2009	
<p>【Concept of Community Capacity, Rural Development】 Community Capacity Development Administrative System in Japan Role of Rural Government</p> <p>【Community Capacity Development through case study of OVOP Movements】 Beppu City (Onpaku; Hot spring development events) Bungo Takata City (Showa no machi) Agricultural Public Cooperation Oita OVOP International Exchange</p> <p>【System of Planning, Implementing, Evaluating for Rural Development】 Project Planning and Evaluation Marketing and Brand Promotion</p>	IMPLEMENTING PARTNER	Ritsumeikan Asia Pacific University (APU)	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Several participants from each country: Laos, Vietnam, Cambodia, Myanmar, East Timor	


Eco-Tourism and Strategic Regional Development for Eastern Europe 東欧地域エコツーリズムと戦略的地域振興		R/F 	0984232
Target Countries: Eastern Europe		Urban/Regional Development—Regional Development	
		9 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><Outcome> To elaborate a Strategic Regional Development Plan through eco-tourism and to share the plan among the governmental organizations, NGOs and other related organizations.</p> <p><Outputs> Through the program, participants are expected:</p> <ol style="list-style-type: none"> 1. to understand the overall challenge for eco-tourism in Japan. 2. to understand the importance of cooperative network among governmental organizations, inhabitants and private sector. 3. to understand the role of stakeholders in the social community for the sustainable regional development. 4. to understand the strategic business model for eco-tourism and its business management. 5. to formulate an action plan for sustainable regional development including vision, method, timeframe based on the concept of eco-tourism and lesson learn from this program. 	<p>【Target Organizations】 National or local governments and/or other related organizations engaged in community development, eco-tourism, tourism promotion in Eastern Europe. (including NGOs, public/private associations involved in tourism at local level)</p> <p>【Target Group】 -Officers at national or local governments and/or other related organizations engaged in community development, eco-tourism, tourism promotion in Eastern Europe. (including NGOs, public/private associations involved in tourism at local level) -Individuals who have at least three years of practical experiences in above mentioned position. -Individuals between the age of 26 and 40 years</p>		
CONTENTS	PROGRAM PERIOD	Mar.28.2010 ~ Apr.24.2010	
<ol style="list-style-type: none"> 1. Overview of eco-tourism in Japan <ul style="list-style-type: none"> - activity of Japan Ecotourism Society (JES) - eco-tourism movement in Japan - relationship between Japanese tourism policy and eco-tourism - eco-tourism business model 2. Inception Report presentation 3. Case studies <ul style="list-style-type: none"> -local tourism promotion policies/plans by city and villages -Field visit 4.Preparation of action plan 	IMPLEMENTING PARTNER	Japan Ecotourism Society	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

Endogenous Regional Economic Development Utilizing Local Resources in Central and South America 中南米地域 地域資源を活かした内発的地域経済開発		R/F 	0984276
Target Countries: Spanish speaking countries in Central and South America		10 participants ★ /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【OBJECTIVE】 With full understanding of the importance of Endogenous Regional Development (EnRD), knowledge and skills necessary to plan and implement program and projects for developing local industries and specialty products are obtained by participants and also shared by their organization and other stakeholders.</p> <p>【OUTPUTS】 (1) Participants become able to understand and explain the policy measures and methods of Japan for promoting EnRD utilizing local resources. (2) Participants become familiar with and able to explain methods and nowhows for linking local resources with market needs to develop new services and products and create business opportunities. (3) The applicability of Japan and other countries' cases of developing local industry/ specialty products into their countries is examined and action plans based on the training inputs are formulated. (4) The importance of EnRD is fully understood by participants and issues and problems facing them are analyzed and examined in the EnRD context. (5) Training inputs as well as action plans are reported and shared by participants' organization and other stakeholders</p>	<p>【TARGET ORGANIZATIONS/GROUP】 •Local government offices, division of rural/economic/agriculture development •Have three (3) to five (5) years experience in the regional development field •Have a sufficient command of English – speaking, listening, writing, and reading (At least TOEFL score 500 or equivalent is required)</p>		
CONTENTS	PROGRAM PERIOD	Jan.11.2010 ~ Feb.13.2010	
<p>This program is designed for planning officers to disseminate measures/methods to promote economic development based on local initiatives and recourses.</p> <p>※REMARKS: L=Lecture, FV=Field Visit, and E=Exercise</p> <p>L: Local Government System in Japan; Support System for Local Industry/ Specialty Product Development FV: Agricultural Cooperative Association, Regional Industry Promotion Center, Private SMEs L: Characteristics of Local resources and their Utilization; Social Capital; Marketing Strategy for Local Specialty Products FV: Antenna/Flag Shops of Hokkaido, Oita, and Gifu Prefectures L: One Village One Product Movement & Road Station (Michinoeki) FV: Meiho/Economic Revitalization by Setting-up of Joint Public-Private Companies; Asuke/Regional Development by Linking Tourism with Welfare Industry E: Inception Report Presentation L: Sustainable Regional Development; EnRD Utilizing Local Resources E: Formulation and Presentation of an Action Plan FV: Third Country Training in Colombia E: Presentation and Dissemination of the Action Plan and Training Contents: Formulation of a Progress Report on Dissemination Activities</p>	IMPLEMENTING PARTNER	United Nations Centre for Regional Development (UNCRD)	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2009~2011	
	REMARKS	This course will be offered twice for JFY 2009. Course (A) will be held from Jan. 11 to Feb. 15, 2010 and Course (B) will be held from Feb. 15 to Mar. 20, 2010.	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【OBJECTIVE】 Develop a concrete measures/methods of regional development based on local community capability and recourses.</p> <p>【OUTPUTS】 <1st Year> •Participants become able to understand and explain the government roles to enhance community initiatives and empowerment. •Participants can identify several opportunities to utilize local resources in their market and community.</p> <p><2nd Year> •Participants learn how to evade risks when producing local resources on a commercial basis, and form a plan to support community. •Fundamental skills to utilize local resources are fully understood by participants and pressing issues and problems facing are analyzed and examined in the local rural context.</p> <p><3rd Year> •Upon return to their countries, participant’s organizations discuss on the supporting policies and systems and draw up actual dissemination plan (e.g. workshop).</p>	<p>【TARGET ORGANIZATIONS/GROUP】 This course requires the combination of three participants, one each from national govt., local govt., and community based organization including NGO/NPO. Suitable candidate would be a planning officer for regional development from national/local govt. and community leaders with minimum of 5 years of working experience in the relevant field.</p>	
<p align="center">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Nov.9.2009 ~ Dec.12.2009</p>
<p>This program is designed for officers involved in OVOP or Michinoeki projects/programs to provide fundamental skills to utilize local resources.</p> <p>(1) PRELIMINARY PHASE: •Three participants (National govt., Local govt., and community based organization) share current situation and issues in own country and prepare a joint inception report.</p> <p>(2) CORE PAHSE IN JAPAN: <1st Year> •Community initiatives and government roles •Government responsibilities and establishing supporting systems and policies •Information retrieval in market •Characteristic of local resources and applications •Marketing methods on special products •Risk management (selection of products, micro credits) <2nd & 3rd Year> •Based on the outcomes from the previous training program (1st & 2nd) , select the appropriate approaches. (consider type of workshop/methods for participatory planning process)</p> <p>(3) FINALIZATION PAHSE: •Upon return to their countries, participant’s organizations discuss on the supporting policies and systems and draw up actual dissemination plan (e.g. workshop). •Discussed and revised by participants organization and submit an actual work plan within six-months.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Hitonomori Co. Ltd.</p>
	<p>JICA CENTER</p>	<p>JICA Chubu</p>
	<p>COOPERATION PERIOD</p>	<p>2009~2011</p>
	<p>REMARKS</p>	

Seminar on Public Works Administration in Regional Government 地域土木行政セミナー		GROUP  0980212
		Urban/Regional Development—Urban Development
		8 participants / English
OBJECTIVE	TARGET ORGANIZATION / 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:</p> <p>(1) To understand the development plan in Hokkaido. (2) To understand the outline of the public works administration in Hokkaido including the following topics, using a road construction project as a subject.</p> <ul style="list-style-type: none"> • Roles between the central and local government. • Legal procedures regarding public works. • Public works administration system <p>(3) To understand the basic concepts of civil engineering, such as a road construction plan, designing techniques and matters to keep in mind when carrying out plans. (4) To understand adequate public works administration by learning the following topics.</p> <ul style="list-style-type: none"> • Measures for efficiency and transparency in road construction projects • Environmental control measures • Urbanization measures • Disaster prevention system <p>(5) To identify and analyze issues in public works in the participant's organizations and make Action Plan.</p>	<p>1) Current Duties: a civil engineer in charge of public works administration in central or local governments in the field of road development, essentially. 2) Experience in the relevant field: have more than five (5) years' practical experience including in the field of road development, essentially. 3) Educational Background: be university graduates or persons who have equivalent technical qualifications in this field. 4) Under 40 of age</p>	
CONTENTS	PROGRAM PERIOD	Sep.8.2009 ~ Oct.31.2009
<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.</p> <p>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</p> <p>Field visits: - Present situation of infrastructure in Hokkaido, - Maintenance and management of roads, - Road construction techniques, - Environment protection measures for road construction and maintenance</p> <p>Practical exercises: -Action Plan writing and presentation</p> <p>Finalization Phase: Report the progress of implementing Action Plan as Final Report within three(3) months after completion of the program in Japan</p>	IMPLEMENTING PARTNER	DEPARTMENT OF CONSTRUCTION, HOKKAIDO GOVERNMENT
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2006~2010
	REMARKS	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.

Urban Development (focused on Land Readjustment Measure) 都市整備		GROUP  0980325
Target Countries: Countries with cities of population 500,000 or more		Urban/Regional Development—Urban Development 12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Objective The objective of this program 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>Output To achieve the above Program Objective, participants are expected; (1) To understand the outline of Japanese urban development system and land readjustment techniques, (2) To identify current issues regarding urban development systems and techniques in their home countries, and (3) To study applicability of Japanese urban development systems/techniques and propose improvement plan of urban development system/techniques.</p>	<p>Eligible / Target Organization: This program is designed for central/local governments responsible for the formulation of urban development policies or the implementation of urban development programs/projects.</p> <p>Applying Organizations are expected to adequately select nominees. Nominees must; (1) have university degree or equivalent, with more than 5 years of professional experiences in urban development and/or urban planning in principle, (2) be between thirty (30) and forty five (45) years of age in principle, (3) be responsible for the formulation of urban development policies or the implementation of urban development programs/projects, (4) have 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.)</p>	
CONTENTS	PROGRAM PERIOD	May.26.2009 ~ Jul.18.2009
<p>Preliminary Phase: Selected participants make required preparation for the Program in the respective countries. (1) Study pre-training materials which will be sent in advance (2) Formulation of Inception 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>Core Phase in Japan: The program consists of the following modules: (1) Inception Report presentation (2) Overview of city planning system in Japan (3) Particular subjects of Urban Development (4) Introduction of LR (Land Readjustment) system in Japan (5) Case Study (Site Observation) (6) Applicability of LR (7) LR Design (8) Interim Report Preparation and Presentation Participants are required to propose the Interim Report, which includes specific, feasible proposals to solve issues concerning urban development.</p> <p>Finalization Phase: 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	JICA Tokyo
	COOPERATION PERIOD	2006~2010
	REMARKS	

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)		GROUP  0980711
Target Countries: Countries with cities of population 500,000 or more		Urban/Regional Development—Urban Development 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 To formulate an improvement plan of building codes and/or control systems.</p> <p>The program emphasizes the following topics: (1) Structural Safety (2) Fire Prevention and Evacuation Safety (3) Energy Conservation (4) Barrier-free Buildings</p> <p>【Output】 The participants are expected 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.17.2009 ~ Jun.26.2009
<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) 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	JICA Tokyo
	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 ORGANIZATION / GROUP	
<p>【Objectives】 Participants' organizations start to consider regional development in a comprehensive manner, based on Action Plans formulated and shared by participants</p> <p>【Expected Outputs】 1) To identify current situation and issues in regional development 2) To understand the basis of Hokkaido development, then consider those applicability to participants' countries 3) To understand actual methods of regional development 4) To analyze and evaluate regional development 5) To formulate appropriate regional development methods for each participants as "Action Plan"</p>	<p>【Organization】 Central and local government in charge of regional development</p> <p>【Personal Qualification】 <Current Duties> Senior administrative officers engaged in regional development with strong will not only for planning but also for implementation <Experience> More than 2 years in the field of management for regional development ※Those involved in the correction of regional disparities</p>	
CONTENTS	PROGRAM PERIOD	Jun.16.2009 ~ Aug.7.2009
<p>【Preparatory Phase】 Each participant prepares pre-training report to identify each issues</p> <p>【Core Phase】 <Subjects per module> (1) Pre-training report presentation, discussion among participants and with course leader (2) Basic objectives and administrative framework of Hokkaido comprehensive development plan, Promotion and management of Hokkaido comprehensive development plan, Roles of the central and local government for coordinating regional development (3) Industrial promotion in Hokkaido, Environmental conservation in Hokkaido, Public works in Hokkaido (4) Case study of regional developments in other areas, evaluation of the Hokkaido comprehensive development (5) Discussion, consultation, and formulation of "Action Plan"</p> <p>【Finalization Phase】 Within 6 month, every participant is requested to present action plan and share its experience in Japan at home organization, then repots its progress to JICA</p>	IMPLEMENTING PARTNER	Hokkaido Regional Development Bureau Ministry of Land, Infrastructure and Transport
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2008~2010
	REMARKS	<p>Two courses will be conducted in the same contents (A) 8 participants; 09/Jun/16~09/Aug/7 (B) 10 participants; 09/Sep/29~09/Nov/20 ※Please pay careful attention in nominating candidates, since this course focuses solution creation process by participant's themselves, therefore, active participation by every participant is indispensable.</p>


Target Countries: country which has a city with a population of 500,000 or more


20 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Objective A feasible improvement plans are formulated against issues/problems regarding systems/methods of urban transport planning currently tackling in their respective organizations.</p> <p>Output To achieve the above Program Objective, expected outputs are as follows: Preliminary Phase 1) To clarify urban transport issues/problems currently tackling in respective organizations, preliminarily,</p> <p>Core Phase in Japan 2) To be able to explain the outline of urban transport planning and its system, and role of related organizations in Japan, 3) To be able to forecast/analyze basic traffic demand by using JICA STRADA (Traffic Demand Forecasting/Analysis Program), 4) To identify main issues regarding urban transport planning under the current regulations/systems, and make proposals of improved urban transport approaches/methods in their respective organizations,</p> <p>Finalization Phase 5) To examine and review the proposals in their respective organizations and discuss towards the realization and implementation.</p>	<p>Target Organizations Central/local government offices responsible for transportation policy formation or urban transportaion planning/management</p> <p>Nominee Qualifications Applying Organizations are expected to adequately select nominees. Nominees must; (1) be university graduates or their equivalents, with at least three years of the professional experience in urban transportation planning and management, (2) be central/local government officials, at the middle- or senior-level, responsible for urban transport policy formation or urban transportation planning/management, in a city with a population of 500,000 or more, (3) be in principle forty (40) years of age or under</p>	
CONTENTS	PROGRAM PERIOD	Sep.29.2009 ~ Dec.5.2009
<p>Preliminary Phase: Selected participants make required preparation for the Program in the respective countries. (1) Study pre-training materials which will be sent in advance (2) Formulation of Inception Report stating the situation of your country's urban transport, its system and the current issues which participants and participants' organizations are now facing.</p> <p>Core Phase in Japan: The program consists of the following modules: 1. Lectures and Site visits (1) Urban Transportation Planning (Overview and Conception) (2) Surveying and Analysis Methods (JICA STRADA) (3) Plan formation and Case Study (4) System of Public Transportation Services /Operation Plan 2. Practice in JICA STRADA and Presentation of its result 3. Drawing up and Presentation of Interim Report Participants are required to propose the Interim Report, which includes specific, feasible proposals to solve issues concerning urban transport.</p> <p>Finalization Phase: 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>	<p>IMPLEMENTING PARTNER</p> <p>Japan Transportation Planning Association</p> <p>JICA CENTER</p> <p>JICA Tokyo</p> <p>COOPERATION PERIOD</p> <p>2008~2010</p>	<p>REMARKS</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><Objective> Preparation plans for cultural tourism of their historic towns will be prepared which promotes conservation of historic assets, economic development and mitigation against disasters in compatible manners by administrative body and research institute</p> <p><Outputs> 1.Value of historic-cultural heritage and proper conservation/utilization method of them as resources for cultural tourism will be organized 2.Essentials how to make compatible plan for conservation of historic heritage and promotion of cultural tourism will be picked out 3.Outline of countermeasures and crisis management against disasters in historic towns will be organized 4.A preparation plan for cultural tourism of the historic town will be made</p>	<p>This program is designed for local, regional and central government officials who are involved in the conservation of cultural heritage, or in urban development or tourism development, in historic cities.</p> <p>The first year is for personnel involved in organizational decision-making, and the second and subsequent years are for personnel overseeing policy implementation.</p>	
CONTENTS	PROGRAM PERIOD	Aug.20.2009 ~ Sep.6.2009
<p><Program in Japan> 1.Lectures: "Conservation of historic heritage", "Conversion design of historic buildings for tourism", etc. Workshop: How to conserve and utilize them for tourism. Excurtion to the World Heritage of Historic Capital Kyoto 2.Lectures: "Sustainable tourism in historic towns", "Conservation and management of historic townscape", "transportation plan for cultural tourism". Excurtions to Kiyomizu and Sagano Area in Kyoto 3.Lectures: "Crisis management of historic town and its community", "Water supply system agaisnt fire utilizing reasional environmental conditions" Excurtions to Kyoto, Nara, Takayama and Shirakawa(World Heritage) 4.Excersize: Making of cultural tourism for historic towns, which also promote conservation andprotetion of historic heritage</p>	IMPLEMENTING PARTNER	Ritsumeikan University
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2009~2011
	REMARKS	<p>FY 2009 program is targeting for managerial level participants.</p> <p>The first year is for personnel involved in organizational decision-making, and the second and subsequent years are for personnel overseeing policy implementation.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<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 will be shared and the problems of participants' organizations are solved and project execution and management system of the respective organization will be strengthened.</p> <p>【Expected Results】 1) To foster better understanding of the surveying and mapping administration system of Japan and review the way of being of his/her home country 2) To deepen knowledge of the basic theory of the respective participant's specialized field 3) To learn advanced technologies in the field of survey and mapping and comprehend the world trend 4) To master methodologies and techniques of forming, planning and realizing projects for improvement of surveying and mapping administration of the respective country 5) To prepare an interim report aiming at utilizing learned technologies for improvement of surveying and mapping administration of the respective county</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	Nov.3.2009 ~ Jun.12.2010
<p>【Preparatory Phase】 Participants will make a Inception 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:</p> <p>(1) General Studies - Data Processing - Presentation Techniques - Physical Exercise</p> <p>(2) Cultural Studies - Society & Economy - Science & Technology - Global Issue</p> <p>(3) Planning and management Techniques - Planning Tool - Management Tool - Organizational Strengthening</p> <p>(4) Survey Administration - Survey Administration - Issues in Survey Administration - Survey Project Management - Customer Service - International Cooperation - Survey Education</p> <p>(5) Survey Technology - Basic Survey Technology - VLBI/GPS Survey - GIS - Digital Photogrammetry/RS - Trend of new technology</p> <p>(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. <u>Detail:</u> Participants will present the Interium report prepared in Japan to supervisors and colleagues and elaborate an evaluation report taking audience evaluation and opinion into consideration. Questionare which report the situation after 2 months will be submitted to JICA Tsukuba. After 6months, the Final report will be submitted to local JICA office 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,MILT</p> <p>JICA CENTER JICA Tsukuba</p> <p>COOPERATION PERIOD 2005~2009</p> <p>REMARKS</p>	<p>2005~2009</p> <p>GSi: http://www.gsi.go.jp/ENGLISH/ (The contents of the program will be arranged by consideration of Inception reports' content.)</p>


Comprehensive City Planning 都市計画総合		GROUP  0980947
Target Countries: Countries with cities of population 500,000 or more		Urban/Regional Development—Urban Development 12 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Objective To consider improvement plans regarding city planning and urban development against the issues facing recipient countries</p> <p>Output (1) To understand the concepts of urban planning, administration and financial systems, city environment and urban transportation in Japan, comprehensively, (2) To acquire the ability of urban development planning, and (3) To identify the problems/issues relating to urban planning and propose an improvement plan</p>	<p>Eligible / Target Organization: This program designed for central/local governments responsible for the formulation of urban development policies/regulations or the implementation of urban development programs/projects.</p> <p>Nominee Qualifications: Applying Organizations are expected to adequately select nominees. Nominees must; (1) be university graduates or equivalent, with more than five years of professional experience in urban planning and/or urban development, (2) be central/local government officials responsible for the formulation of urban development policies/regulations or the implementation of urban development programs/projects, (3) be in principle forty (40) years of age or under, in principle.</p>	
CONTENTS	PROGRAM PERIOD	Aug.25.2009 ~ Oct.16.2009
<p>Preliminary Phase: Selected participants make required preparation for the Program in the respective countries. (1) Study pre-training materials which will be sent in advance (2) Formulation of Inception 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>Core Phase in Japan: The program consists of the following modules: (1) Inception Report Presentation (2) Overview of Urban Development Issues (3) System for City Planning (4) Particular subjects of City Planning (5) Master Plan (6) Case Study (Site Observation) (7) Interim Report Preparation and Presentation Participants are required to propose the Interim Report, which includes specific, feasible proposals to solve issues concerning city planning/urban development.</p> <p>Finalization Phase: 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	JICA Tokyo
	COOPERATION PERIOD	2005~2009
	REMARKS	


Improvement of Housing and Living Environments 住宅・住環境改善		GROUP  0980950
		Urban/Regional Development—Urban Development
		11 participants / English
OBJECTIVE	TARGET ORGANIZATION / 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 <u>hardly covers City Planning and Civil Engineering.</u></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.18.2009 ~ Nov.29.2009
<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	JICA Tokyo
	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.

Target Countries: Central Asia

11 participants / Russian

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Participants' organization start to consider regional development in a comprehensive manner, based on Action Plans formulated and shared by participants</p> <p>【Expected Outputs】 1) To identify current situation and issues in regional development. 2) To understand the basis of Hokkaido development, then consider those applicability to participants' countries 3) To understand actual methods of regional development 4) To analyze and evaluate regional development 5) To formulate appropriate regional development methods for each participants as "Action Plan"</p>	<p>【Organization】 Both central and local government in charge of regional development</p> <p>【Personal Qualification】 <Current Duties> Senior administrative officers engaged in regional development with strong will not only for planning but also for implementation <Experience> More than 2 years in the field of management for regional development ※Those involved in the correction of regional disparities <Age> Between 25 and 40 years old</p>	
CONTENTS	PROGRAM PERIOD	Jan.13.2010 ~ Feb.19.2010
<p>【Preparatory Phase】 Each participant prepares pre-training report to identify each issues</p> <p>【Core Phase】 <Subjects per module> (1) Pre-training report presentation. discussion among participants and with course leader (2) Basic objectives and administrative framework of Hokkaido comprehensive development plan, Promotion and management of Hokkaido comprehensive development plan, Roles of the central and local government for coordinating regional development (3) Industrial promotion in Hokkaido, Environmental conservation in Hokkaido, Public works in Hokkaido (4) Case study of regional developments in other areas, evaluation of the Hokkaido comprehensive development (5) Discussion, consultation, and formulation of "Action Plan"</p> <p>【Finalization Phase】 Within 6 months, every participant is requested to share its knowledge and experience in Japan at respective organization, then reports Action Plan progress to JICA</p>	IMPLEMENTING PARTNER	Hokkaido Regional Development Bureau (HRDB), Ministry of Land, Infrastructure and Transport
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2006~2010
	REMARKS	※Please pay careful attention in nominating candidates, since this course focuses solution creation by participant's themselves, therefore, active participation by every participant is indispensable.

Community Capacity and Rural Development – Focusing on One Village One Product – for African Countries アフリカ地域産業振興(一村一品)		 0984252
Target Countries: African Countries		Urban/Regional Development—Regional Development 16 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Community capacity development plan utilizing the concept of OVOP will be formulated through the program and be implemented.</p> <p>【Outputs】 (1) Understand Concept of Community Capacity Development (2) Understand concept of Planning and Evaluation (3) Action Plan (Interim Report) on Community Capacity Development is formulated</p>	<p>【Target Organization】 Department of Central and local government in charge of planning, implementing and evaluating the rural development and local industry promotion projects.</p> <p>【Target Group】 1) Current Duties: be central or local government officials who are in charge of planning, implementing and evaluating the rural development, or promotion of SME. 2) Experience in the relevant field: have more than 5 years' experience in the field of rural development or promotion of SME 3) Educational Background: be a graduate of university 4) Language: have a competent command of spoken and written English</p>	
CONTENTS	PROGRAM PERIOD	Mar.29.2010 ~ Apr.23.2010
1. Preliminary Phase in a participant's home country Preparation of Inception Report 2. Core Phase in Japan 1) Lecture, presentation and discussion •Community Capacity Development •Inception Report Presentation •Role of local government in regional development •Japan's Administration System: Organization and responsibility for development •Planning and Evaluation of Project •Marketing/Brand Promotion •Interim Report Preparation, Presentation and Discussion 2) Case Studies and Group Discussions 3) Filed Work (Focus on OVOP) 3.Finalization Phase in a participant's home country Writing and submission of Final Report	IMPLEMENTING PARTNER Ritsumeikan Asia Pacific University (APU) JICA CENTER JICA Kyushu COOPERATION PERIOD 2007~2009	REMARKS This program includes active participation in discussions and action plan development, thus requires high competence of English ability.


Environmental-Friendly Technologies Development for Building & Housing 建築環境技術		R/F  0984288
Target Countries: Asia and Oceania Region		Urban/Regional Development—Urban Development 10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Program Objective】 Public authorities for building and housing draw up a design and evaluation guidelines for energy-saved and CO2-reduced houses or buildings.</p> <p>【Expected Results】 <First year> (1) To review of natural and social conditions and housing and building technologies in developing countries, in viewpoint of both Building Engineering field and Global Environment such as global warming gas emission and energy consumption. (2) To set-up design concepts of houses had buildings for efficient and suitable CO2-reduction and Energy-saving.</p> <p><Second year> (3) To set-up of planning concepts of locally suitable housing complexes or urban districts, based on environmental-friendly planning and designing concepts. (4) To skills up of preparing practicable guidelines for CO2-reduction and Energy-saving building and housing design and construction.</p> <p><Third year> (5) To propose on Technical Guidelines for building and housing construction.</p>	<p>【Target Organizations】 Department responsible for buildings or houses, or its technological supporting agencies, for energy-saved or CO2-reduced houses or buildings.</p> <p>【Target Group】 - Administrative officers and/or engineer in the field of building technologies, especially technologies related to housing environment, energy-saving and environmental policies. - Experience in the relevant field: more than 3 years' experience.</p>	
CONTENTS	PROGRAM PERIOD	Oct.4.2009 ~ Nov.27.2009
Public Organizations promote to develop and disseminate locally suitable technologies of energy-saving or CO2-reduction for building and housing.	IMPLEMENTING PARTNER	Building Research Institute (BRI)
(1) Report on natural and social conditions in developing countries, Lecture on Global Environment Science, Lecture on Building Engineering (housing and building designs, safety, sanitation, materials, construction works, production system and their related performance tests).	JICA CENTER	JICA Tsukuba
(2) Lecture on Theory & Practice on CO2 Reduction and Energy Saving -oriented housing and building, such as air conditioners, exterior or inner materials for heat insulation, and ventilation system; related technologies for degradation assessments, solar energy use, waste water treatments, use of recycled water.	COOPERATION PERIOD	2009~2011
(3) Lecture on Planning theory for CO2 Reduction and Energy Saving -oriented housing complexes and urbanized areas, composed of each house and building with higher performance CO2-reduction and Energy-saving.	REMARKS	
(4) Technical Tour for Such Model projects as energy-efficient, -saving, or -recycling buildings or houses, ecological or environmental housing, complexes, in various regions in Japan.		
(5) Preparing Report which include following theme; <ul style="list-style-type: none"> • Evaluation Report on global warming gas emissions in building and housing sectors in participants' countries; • Proposal on low emission buildings or houses, suitable for localities 		


17. Poverty Reduction

International Development 国際開発学(長期)		L/T	0981135
Target Countries: all countries		Poverty Reduction—Poverty Reduction	
		1 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objective】 To strengthen the capability of participants in policy planning to sort out the policy issues which are related to development plans. 【Outputs】 1. Acquire basic economic concepts and theories. 2. Acquire analytical and computing skills that are applicable to the formulation and management of development plans and public policies. 3. Participant writes a Master's thesis on a development policy issue in his/her country using analytical skills and economic concepts and theories acquired in the entire two-year program.	【Target Organizations】 Central and local government agencies in charge of the formulation and management of development plans and public policies 【Target Group】 (1) Be engaged in governmental or official organizations in the field of formulation of development plans, development policies or government statistics, (2) Have minimum 3 years practical experience in their field, (3) Be under the age of 35.		
CONTENTS	PROGRAM PERIOD	Aug.17.2009 ~ Jun.30.2011	
(1) •microeconomics • macroeconomics • development economics • mathematics for economists • public economics • agricultural economics • environmental economics • international trade • international finance • industrial organization • health economics • inequality and poverty (2) •statistics •econometrics • research methodology • computable general equilibrium modeling • cost benefit analysis • development planning • development finance • macro econometric analysis • developing economies • project cycle management • quantitative methods for decision making • quantitative analysis of economic policies (3) writing a Master's thesis	IMPLEMENTING PARTNER	IDP, Graduate School of International Relations, International University of Japan	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

Graduate School of Regional development Studies, Toyo university 国際地域開発(長期)		L/T	0981136
Target Countries: Saudi Arabia, Iraq		Poverty Reduction—Poverty Reduction	
		1 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 Capacity of planning and implementation of officials and researchers who take a responsibility of regional development will be improved. 【Outputs】 (1) To acquire a basic knowledge and understand a fundamental theory about Regional Development. (2) To acquire a practical methods regarding to Regional Development. (3) To acquire research methods and presentation skills of own research. (4) To compile above mentioned research output in a Master thesis.	【Target Organizations】 Governmental or public organization in charge of national or regional development plan.		
CONTENTS	PROGRAM PERIOD	Sep.1.2009 ~ Sep.30.2011	
(1) Study on theories of Regional Development Policies, Regional Studies and Regional Planning and Environment Management (2) Study on planning and implementation methods of Regional Development Policies, Regional Studies and Regional Planning and Environment Management (3) Study on research methods and presentation of research results in "Special Lecture on Regional Development Studies" (4) Submit Master Thesis based on above mentioned studies	IMPLEMENTING PARTNER	Graduate School of Regional Development Studies in Toyo University	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

18. Environmental Management

Domestic Waste Water Treatment Techniques 生活排水対策		GROUP 	0980006
		Environmental Management—Water Pollution	
		10 participants /	English
OBJECTIVE	TARGET ORGANIZATION / 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 understand waste water treatment management in central/local government in Japan, and understand the problems in own country (2) To acquire a basic understanding of the knowledge and technologies related to waste water treatment systems for sewerage, and be able to evaluate technologies that can be applied in your own country (3) To learn methods for measuring the degree of environmental pollution and methods for managing pollution, and be able to explain them (4) To comprehend the ideal form of effective waste water treatment technologies in terms of water resource and river pollution treatment policies from the point of view of water recycling and the water cycle (5) To propose sewerage management plans	[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.24.2009 ~ Dec.12.2009	
All topics consist of lectures, practice, and exercises (1) Introduction to municipal administration, Introduction to water quality preservation (2) Wastewater treatment technique, Treatment technique for human waste, Low-cost septic tank technology, Solid waste management (3) Monitoring method for toxic chemicals, Leachate treatment technique (4) Administration for water quality, Monitoring method for water pollution, Recycling technology of polluted mud (5) Job report, Action plan, Final Report	IMPLEMENTING PARTNER	KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION	
	JICA CENTER	JICA Kyushu	
	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		GROUP 	0980007
		Environmental Management—Environmental Administration	
		9 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
This program is designed to enable participants to improve their abilities to prevent environmental pollution 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. 1) Through understanding what Japan and Minamata City have experienced, be able to understand the seriousness of pollution damage and the difficulty of restoring the natural environment. 2) Through observation of Minamata City activities, understand the specific arrangements of the creation of a recycling-oriented society in Japan that involves the residents, the private companies, local governments and the state. 3) Understand the arrangements of environmental education conducted in concert with local residents. 4) Propose a basic strategy for environmental improving activities with community participants in your own country.	(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	Sep.27.2009 ~ Nov.7.2009	
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, Physical and mental injury by Minamata disease and its deleterious effects on local communities (2) Environmental policies and administration of the nation, prefecture and Minamata disease (3) Efforts made by Minamata City government and local residents toward environmental conservation (classification of wastes, activities relating to ISO14001), Communication with patients of Minamata disease, their families and citizens (4) Job report, Action Plan	IMPLEMENTING PARTNER	MINAMATA CITY GOVERNMENT	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Participation of countries which face the hazard of environmental pollution is preferable. At least 2 candidates are required per country.	

Formulation of Environmental Standards and Regulations 環境汚染基準・規制策定手法		GROUP	0980053
		Environmental Management—Environmental Administration	
		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
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. For this purpose, we set up 4 objectives: (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	【Target Organizations】 Policy making sections about environmental issues in central / local governments 【Target Group】 Policymakers of the environmental policies or regulations		
CONTENTS	PROGRAM PERIOD	Feb.1.2010 ~ Feb.28.2010	
1) Meaning of environmental indicator (BOD, COD, NO _x , SO _x , etc.) 2) Environmental monitoring method 3) Formulating the environmental standards based on the environmental monitoring data in participating countries 4) Formulating the environmental standards	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

Waste management Technique and Environmental Education 廃棄物管理技術と環境教育		GROUP	0980100
		Environmental Management—Urban Solid Wastes	
		7 participants ★ /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
This course is designed for technical officials in developing countries, who are in charge of solid waste management in national/local government 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 own countries. 2) To understand the historical process of environmental policy and waste management system in Japan. 3) To understand the techniques and measures adapted in each process of solid waste management (collection and transportation, intermediate treatment, final disposal) in Japan. 4) To understand the techniques and measures of final disposal site in Japan. 5) To understand the importance and concrete methods of environmental education/awareness for solid waste management 6) To propose basic policy towards proper waste management in own countries.	Department which deals with solid waste management in national/local government		
CONTENTS	PROGRAM PERIOD	Jun.22.2009 ~ Sep.11.2009	
1) •Issue analysis-workshop and interim discussion 2) •Countermeasure for environment in Kitakyushu city •Solid waste management administration and environment impact assessment 3) •Flow of general waste •Compost from kitchen garbage •Incineration and hazardous waste treatment 4) •Regulation and structure of final disposal site •Good example of final disposal site in Samoa 5) •Environmental education administration in Kitakyushu •NGO activity in local area 6) •Project Cycle Management •Action Plan	IMPLEMENTING PARTNER	Kitakyushu International Techno-Cooperative Association	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2008~2010	
	REMARKS	The course will be conducted twice in fiscal year 2009: Jun.22.2009 - Sep.11.2009 and Feb.1.2010 - May.1.2010.	

Workshop on Administration of Environmental and Social Consideration Process for Implementation of a Japanese ODA Loan Project 円借款事業における環境社会配慮実務		GROUP	0980106
Environmental Management—Other Environmental Management Issues			
Target Countries: Countries which have an on-going or a proposed Japanese ODA Loan Project		18 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objectives】 The participants are expected to work for qualitative improvement of the EIA in their countries and to implement the environmental and social considerations required to Japanese ODA Loan. 【Outputs】 (1) To be able to explain necessity of adequate environmental and social considerations referring to lessons from experience of ODA projects (2) To be able to explain outline of guidelines of environmental and social considerations required for a Japan's ODA loan project (3) To understand the fundamental ideas of EIA and to be able to explain their proper procedure of environmental and social consideration and technical points for their implementation. (4) To identify the issues and measures to promote proper EIA in their countries	【Target Organizations】 (1) Implementation body of a Japan's ODA Loan Project (or a proposed project), which requires environmental and social consideration in accordance and (2) the implementation body of the EIA 【Target group】 <Job title> Director, assistant director or equivalent <Experience> More than five years experience in the EIA field such as in the divisions in charge of environmental and social consideration or EIA <Other> Countries and organizations in which the Japan's ODA Loan project will be implemented		
CONTENTS	PROGRAM PERIOD	May.24.2009 ~ Jun.6.2009	
(1)– Lecture & Discussion: Experience of environmental and social consideration for ODA projects and its lessons –Lecture: lessons and learns of large scale development project in Japan –Lecture: Project economic analysis of a project and environmental and social consideration (2)– Lecture: Environment and Social Consideration of JICA (3)–Lecture: Overviews of EIA –Lecture: Social Environmental Assessment – Lecture: – Group work: EIA Process (Screening, Scooping, Mitigation, Public Hearing & Transparency /Accountability, Monitoring & Follow-up) (4)–Presentation: Country Report, Case Study –Lecture: Environmental Assessment law in Japan(Comparative study) –Report writing: on findings through the program	IMPLEMENTING PARTNER	Japan International Cooperation Agency (JICA)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008~2010	
	REMARKS		

Pollution Control for Hazardous Substances in the Environment 環境中の有害汚染物質対策		GROUP	0980224
Environmental Management—Other Environmental Management Issues			
Target Countries: Algeria, Philippines, Viet Nam, El Salvador, Macedonia, Jordan		6 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<Objective> Participants will acquire the abilities to evaluate from emission sources on the environment pollution control, and formulate measures to prevent pollution due to hazardous substances. <Outputs> (1) Understand recent conditions and history of pollution caused by hazardous substances, including Minamata disease, etc. caused by metal containments. (2) Understand the effects on human health resulting from metal contaminants and other hazardous substances. (3) Understand local government's pollution controls for hazardous substances such as environmental assessment and systems based on laws and ordinances. (4) Understand analytical techniques and methods of environmental monitoring implemented by local government. (5) Understand methods of surveying to obtain a grasp of sources of environmental pollution due of metal contaminants	<Target organization> Governmental Organization (central/local) in charge of environmental administration. <Target Group> (1) University graduates with a chemistry background, or the equivalent (2) Key administrative engineers (not including researcher) in the environmental field with at least 3 years of experience (3) Between 30 – 40 years of age		
CONTENTS	PROGRAM PERIOD	Jun.1.2009 ~ Aug.8.2009	
Step1 <Know the background to hazardous pollutant countermeasures> 1-1 Overview of Pollution Due to Hazardous Substances (Lecture) 1-2 Health Impacts, etc., of Hazardous Substances (Lecture) Step2 <Acquire basic information relating to hazardous pollutant countermeasures> 2-1 Environmental Measures by Local Government (Lecture) 2-2 Environmental Monitoring (Lecture/Practice) Step3 <Learn concrete methods relating to hazardous pollutant countermeasures> 3-1 Studies Trace Pollution Sources 3-2 3R Promotion Techniques (Lecture/Observation) 3-3 Pollution Control Technologies (Facility Tour) Step4 <Acquire solutions from specialists for accomplishment of tasks in the home country> Step5 <Action Plan Presentation and Verification of Manifested Effects of Training> Follow-up by JICA-GEC Network	IMPLEMENTING PARTNER	OSAKA PREFECTURAL GOVERNMENT, DEP. OF ENVIRON.&Agri.	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2006~2010	
	REMARKS	Participants are required to bring some photos, slides, or data of examples of hazardous substances pollution.	

Comprehensive Waste Management Technique 廃棄物管理総合技術		GROUP	0980226
		Environmental Management—Urban Solid Wastes Environmental Management—Industrial Solid Wastes 9 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Participants will acquire comprehensive knowledge and skills for effective and proper planing and implementation of solid waste management.</p> <p>【Outputs】 To achieve the above mentioned objective, the participants will: (1) clarify the problems and causes of solid waste management in their countries, (2) understand the environmental policy and solid waste management in Japan, (3) understand the process of solid waste management in Japan (collection and transportation, intermediate treatment, and final disposal), (4) understand the importance of environmental education, (5) understand the roles of environmental management such as EIA in solid waste management</p>	<p>【Target Organization】 Departments in charge of solid waste management in national/local government or public organizations</p> <p>【Target Group】 (1) Technical staff in charge of solid waste management at national/local government or public organizations (2) More than three (3) years of work experience in the field of solid waste management (3) Under 40 years of age</p>		
CONTENTS	PROGRAM PERIOD	Aug.11.2009 ~ Nov.8.2009	
<p>* This program deals with general, industrial and medical wastes. (1)<u>Issue analysis workshop</u>: Analyze the problems and causes of the waste management in participants' countries (2)<u>Country report presentation</u>: Share the results (3)<u>Waste management policy</u>: Environmental policy and administrative system of waste management in Japan (4)<u>Landfill disposal technique</u>: Sanitary landfill technique "Fukuoka Method", etc. (5)<u>Collection and Transportation</u>: Time and motion, etc. (6)<u>Waste treatment technique</u>: Recycling, hazardous waste treatment, etc. (7)<u>Environmental education and awareness</u>: Role and concrete methods of environmental education taken by various actors (national/local government, schools, NGOs/citizens' groups and media) (8)<u>Environmental management</u>: Concept, methods and concrete examples of EIA, etc. (9)<u>Feedback session</u>: Review of each unit of the training (10)<u>Final report presentation</u>: Present an action plan for improving waste management in participants' countries</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>Environment Department, Hiroshima Prefectural Government, Hiroshima International Center</p> <p>JICA Chugoku</p> <p>2006~2010</p>	

Research on Environment Technology 環境調和技術		GROUP	0980729
		Environmental Management—Other Environmental Management Issues 4 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Acquiring information and skills on environment-conscious technologies, participant will be enhanced and developed his/her fundamental skills of research as a researcher who can work efficiently to plan and execute research project that contributes to solve problems concerned participant's home country even under restricted circumstances.</p> <p>【Expected Results】 1) To deepen new technology and knowledge on environmental technology and be able to explain the international trends of the research and some cases of technological applications in the private sector. 2) To improve accuracy fundamental analysis ability. 3) To make a Technical Report as a result of the technical training in Japan 4) To make a Research Proposal in their countries fully-considered current situation of 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.21.2009 ~ Feb.27.2010	
<p>【Preparatory phase】 Participants are requested to make their own research proposals under the consultations of the host researchers.</p> <p>【Program in Japan】 1) <u>Lectures (introduction of the related field) (1-2 weeks)</u> 2) <u>Study tour and site observation(1-2 weeks)</u> Related industrial plant in the private sector, other institution or lab. 3) <u>Individual research (about 7 months)</u> 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 technical report.</p> <p>*reference web site : http://www.aist.go.jp/index_en.html</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>National Institute of Advanced Industrial Science</p> <p>JICA Tsukuba</p> <p>2007~2009</p> <p>Subjects to be offered in relation with the following fields: Effective Energy Resources Utilization technology assessment Evaluation, Measuring & Monitoring Eco-friendly technology Eco-material, Biomass utilization Human health</p>	

Regional Measures and Methods for Pollution Control for Environmental Engineers 地域環境保全対策と技術		GROUP	0980917
		Environmental Management—Environmental Administration	
		5 participants	English
OBJECTIVE	TARGET ORGANIZATION / 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	Oct.6.2009 ~ Dec.3.2009	
Preparatory Phase: Preparation of Country Report Phase in Japan: (1) Lectures: Environmental administration in Japan and Hokkaido, Techniques for preventing water and air pollution, Environmental Impact Assessment(EIA), Solid waste management and recycling, Environmental education (2) Practical exercises: Techniques of environmental monitoring(air & water), Environmental pollution source (3) Observation: Organizations and facilities related to pollution control, Factories (possible sources of pollution) Finalization phase: Implementation of the Action Plan and report the progress.	IMPLEMENTING PARTNER	Hokkaido Institute of Environmental Sciences	
	JICA CENTER	JICA Sapporo	
	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		GROUP	0980921
		Environmental Management—Environmental Administration Transportation—Urban Transportation	
		6 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
【Objective】 By sharing the outputs of this training course among organizations, knowledge for making environmental protection policies will be used more widely. 【Expected Results】 (1) To recognize the present situation on environmental issues related to automobiles and its countermeasure technology in their countries in comparison with the situations in Japan and the world. (2) To build up the capability for policy development in their countries by deepening the knowledge of measures taken in Japan for the environmental protection on automobile in conjunction with the motorization. (3) To obtain capability to predict the effectiveness of the measures taken in their countries through the practice for the promotion of legislation, institutionalization and implementation of regulations etc. (4) To make action plans to solve the environmental problems in their countries related with motorization.	[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.18.2009 ~ Aug.8.2009	
【Preparatory phase】 Making an inception report describing present situation, issues, etc. 【Program in Japan】 (1)Lectures and exercise •Outline of the automotive industry, governmental policy •Environmental issues: emission, fuels, clean energy, traffic flows •Traffic flows, vehicle recycling technology, registration •Atmospheric observation system, etc. (2) Discussion • Presentation of inception report and action plan	IMPLEMENTING PARTNER	JAPAN AUTOMOBILE RESEARCH INSTITUTE (JARI)	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2005~2009	
	REMARKS	Web site: JARI http://www.jari.or.jp/en/index.html	


Environmental Impact Assessment for ODA Project ODAにおける環境影響評価		GROUP	0980936
		Environmental Management—Other Environmental Management Issues	
		13 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 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.</p> <p>【Outcome】 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.</p>	<p>1) Examining authority for EIA, 2) National or Local Government engaged in large-scale development projects requiring EIA</p> <p>【Group】 (1) be technical officers in charge of planning and implementation of in ODA projects, (2) have basic knowledge and experience in EIA, (3) be able to utilize the knowledge obtained during the course to own administrative operations, (4) be under forty-five (45) years of age, (5) be university graduates or equivalents, (6) have enough English capability for discussions and presentations. (7) be in good health, both physically and mentally</p>		
CONTENTS	PROGRAM PERIOD	Jun.14.2009 ~ Jul.11.2009	
<p><Preliminary phase in home country> Preparations for Inception Report (organizational framework and job description, state of EIA system and Cases conducting EIA in their organizations) and its presentation.</p> <p><Core Phase in Japan> A set of exercise, lectures and site visit will be covered in the main subjects follow. 1) Introduction to EIA, 2) International cooperation and EIA, 3) Procedures and methodologies of EIA, 4) Operational skills, 5) Presentation skills Through these subjects, participants formulate model plan for implementing EIA.</p> <p><Follow-up phase in home country> Participants are expected to report the current situation on EIA.</p>	<p>IMPLEMENTING PARTNER</p> <p>Overseas Environmental Cooperation Center</p> <p>JICA CENTER</p> <p>JICA Tokyo</p> <p>COOPERATION PERIOD</p> <p>2005~2009</p> <p>REMARKS</p> <p>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.</p>		

Water Environmental Monitoring 水環境モニタリング		GROUP	0980962
		Environmental Management—Water Pollution	
		10 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 This course aims at enhancing technical capabilities of officers and laboratory staffs in the field of water quality monitoring and helping them develop action plans for improving their operations.</p> <p>【Outputs】 Participants are expected to be able to: (1) To be able to explain the mechanism of the water pollution and its effects. (2) To deepen the knowledge on water quality management. (3) To gain the basic practical skills on water quality monitoring and data processing. (4) To analyze the challenges on water quality monitoring in relevant organization and formulate an action plan.</p>	<p><Organization> (1) Central/local government and public institutions in charge of water quality monitoring. <Qualifications> (1) leading technical officers in central and local government to plan and implement comprehensive and systematic monitoring on water quality. (2) being a university graduate (science or engineering) or have the equivalent academic background, and have basic knowledge on water environment, (3) 25 -35 years of age, (4) have sufficient command for discussing and making presentation in English</p>		
CONTENTS	PROGRAM PERIOD	Sep.7.2009 ~ Oct.25.2009	
<p><Preliminary Phase in home country> Making a Country Report describing job outlines, the status of water quality management, water environment. Filling up Questionnaire.</p> <p><Core Phase in Japan> The set of lectures, practice, site visits and discussion session will be conducted. The main subjects are: (1) Mechanism of water pollution and its effects on our life (2) Water pollution management system (3) Methodology of water quality monitoring</p>	<p>IMPLEMENTING PARTNER</p> <p>Japan Environmental Sanitation Center</p> <p>JICA CENTER</p> <p>JICA Tokyo</p> <p>COOPERATION PERIOD</p> <p>2005~2009</p> <p>REMARKS</p> <p>Other Implementing Partner -National Environmental Research & Training Institute, Ministry of Environment -Japan Society on Water Environment</p>		

Seminar on Comprehensive Solid Waste Management 廃棄物総合管理セミナー		GROUP	0980974
		Environmental Management—Urban Solid Wastes	
		11 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Participants are expected to 1. expand the knowledge on administration system of solid waste management system. 2. enhance the outline of solid waste management technologies which include collection, transportation, intermediate treatment, final disposal, re-use and recycling. 3. expand the knowledge for improving their institution through understanding their own problems and other countries' case.	(1) 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 (2) Under 45 years old (3) University graduates or possess equivalent technical qualifications in this field		
CONTENTS	PROGRAM PERIOD	May.13.2009 ~ Jul.2.2009	
The following subjects are covered at the seminar; (1) Waste management administration in Japan, Planning of waste management (2) Reduction of waste and citizen's participation (3) Solid waste collection and transportation (4) Solid waste treatment and disposal (5) Recycling and reuse technologies (6) Hazardous waste management (7) Others (country report presentation, group discussion and action plan presentation)	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center	
	JICA CENTER	JICA Yokohama	
	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.	


Environmental Management Technology in Chemical Industries 化学産業における環境管理技術		GROUP	0980982
		Environmental Management—Other Environmental Management Issues	
		6 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
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. [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	[Target Organization] National or local governments, petrochemical and other chemical industries in charge of environmental management [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) University graduates or those with equivalent academic background and proficient command of spoken and written English		
CONTENTS	PROGRAM PERIOD	Jun.1.2009 ~ Jul.18.2009	
1: Orientations on 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)	IMPLEMENTING PARTNER	INT'L CENTER FOR ENVIRONMENTAL TECH. TRANSFER	
	JICA CENTER	JICA Chubu	
	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.	


The Environmental Management of Enclosed Coastal Seas 閉鎖性海域の水環境管理		GROUP 	0980997
Target Countries: Countries with closed marine systems and/or river estuary regions		3 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To transfer skills related to Japan's experiences of environmental management in enclosed coastal seas and develop the human resources who could play a major role in this field.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <p>(1) To clarify environmental problems or issues related to enclosed coastal seas in your country through formulating and presentation of Job Report</p> <p>(2) To improve your knowledge or skill in this field through the training</p> <p>(3) To formulate a practical action plan and finding a solution to environmental problems in your country</p> <p>(4) To share your action plan in your organization and submit a progress report after 6 months</p>	<p>【Target Organizations】 Department take in charge of environmental management of enclosed coastal seas</p> <p>【Target Group】 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.17.2009 ~ Oct.23.2009	
<p>【Preliminary Phase in a participant's home country】 Preparation of Job Report on environmental problems of enclosed coastal seas in participant's country.</p> <p>【Core Phase 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>【Finalization Phase in a participant's home country】 Implementation of Action Plan Participants have to submit a progress report after 6 months</p>	IMPLEMENTING PARTNER	INTERNATIONAL EMECS CENTER	
	JICA CENTER	JICA Hyogo	
	COOPERATION PERIOD	2005~2009	
	REMARKS	To implement the curriculum which match to needs in respective countries, this course establishes expnading program which is based on the questionnaire from participants.	

Sewage treatment technique for Central and South America 中南米地域生活排水処理		R/F 	0984018
Target Countries: Central and South America		12 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 This program aims to enhance the capabilities of participants to improve the sewage treatment system in their respective countries.</p> <p>【Outputs】 To achieve the above mentioned objective, the participants will:</p> <p>1) clarify the current situation and problems of the sewage treatment in their respective countries,</p> <p>2) understand the importance of sewage treatment in relation to water environmental preservation</p> <p>3) acquire knowledge of sewage treatment plan</p> <p>4) understand the importance of capacity development in relation to sewage treatment</p> <p>5) prepare an action plan to improve the sewage treatment in their respective countries</p>	<p>【Target Organizations】 Department in charge of planning, operation and maintenance of sewage treatment facilities in central/local government or public organizations</p> <p>【Target Group】 Technical officials who meet the following qualifications; (1) currently in charge of planning, operation and maintenance of sewage treatment (2) university degree in the field of sewage treatment and the basic knowledge in the field (3) belong to organizations possessing a sewage treatment system, or controlling the planning, implementation, and management of such system</p>		
CONTENTS	PROGRAM PERIOD	Aug.25.2009 ~ Nov.1.2009	
<p>This course consists of lectures, discussions, practical exercises, and site observations, and learn following subjects.</p> <p>* Water Environmental Issues and Sewage Treatment * General Theory of Sewage Treatment Technique * Current Situations and Issues of Sewage Treatment in Developing Countries * Capacity Development in Relation to Sewage Treatment * Site Observation of Sewage Treatment Facilities</p> <p style="text-align: right;">etc.</p> <p>Additionally, workshops and discussion sessions are implemented to enhance the understanding of the course.</p>	IMPLEMENTING PARTNER	Higashi-hiroshima city, Hiroshima International Center	
	JICA CENTER	JICA Chugoku	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

KOICA-JICA JOINT TRAINING PROGRAM 「Policy and Technology for Energy Conservation and Environmental Protection in East Asia」 日韓共同研修「東アジア環境・省エネルギー政策と技術」		R/F		0984137
Target Countries: East Asia		14 participants /		English
OBJECTIVE	TARGET ORGANIZATION / GROUP			
【Objective】 Government administrative officers and researchers in developing countries, who are in energy conservation or environmental protection in national/local government become able to set basic policy strategies to address own problems. 【Expected Results】 (1)To understand the outline of energy conservation and environmental protection at national and local level in Korea and Japan, and in East Asia. (2)To observe and understand the concrete activities taken by national/local government and private companies. (3)To understand environmental education with community participation. (4)To propose "action plan" for energy conservation and sound material cycle society in own countries.	Department which deals with Policy and Technology for Energy conservation and Environmental protection in national/local government or Institution			
CONTENTS	PROGRAM PERIOD	Oct.18.2009 ~ Oct.31.2009		
This course is designed for governmental officers and experts in developing countries, who are in charge of solid waste management, climate change, sustainable water resource management, bioenergy production from biomass in national/local government to acquire appropriate knowledge for energy conservation, sound material cycle society, water resource management and bioenergy production to take action against the issues in East Asian countries.	IMPLEMENTING PARTNER	Kitakyushu International Techno-Cooperative Association		
	JICA CENTER	JICA Kyushu		
	COOPERATION PERIOD	2008~2010		
	REMARKS			

KOICA-JICA JOINT TRAINING PROGRAM「Environmental Protection Technology & Management for Air Pollution Control」 日韓共同研修「大気環境保全管理」		R/F		0984138
Target Countries: Asia		16 participants /		English
OBJECTIVE	TARGET ORGANIZATION / GROUP			
Government administrative officers and researchers in developing countries, who are in charge of air quality management or monitoring in national/local government become able to set basic policy strategies to address own problems. (1)To understand basic knowledge on air pollution problem (2)To understand the policy and regulation for air quality management at central and local government in Korea and Japan. (3)To acquire the knowledge of monitoring and inspection system taken by national/local government in Korea and Japan. (4)To observe and understand monitoring methodologies for prevention of environmental pollution by private company. (5)To propose "action plan" for air quality management in own 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.27.2009 ~ Oct.10.2009		
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	Kitakyushu International Techno-cooperative Association		
	JICA CENTER	JICA Kyushu		
	COOPERATION PERIOD	2008~2010		
	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		R/F		0984202
Target Countries: Asia-Pacific region and Central and South America		9 participants /		English
OBJECTIVE	TARGET ORGANIZATION / GROUP			
To foster the personnel in charge of AR-CDM, and to enhance their abilities to develop and implement measures on AR-CDM	<p>【Target Organization】 Central administrative organizations in charge of policies regarding AR-CDM</p> <p>【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.</p>			
CONTENTS	PROGRAM PERIOD	Oct.14.2009 ~ Nov.9.2009		
<p>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</p> <p>Observations to grasp the present situations regarding forest conservation in Japan that contributes to AR-CDM</p> <p>Country report presentations and discussions to understand the roles of developing countries concerning Kyoto Protocol and forest conservation</p> <p>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)</p> <p>The participants will make plans to conduct AR-CDM projects verified adaptability to their own countries.</p>	IMPLEMENTING PARTNER	JICA		
	JICA CENTER	JICA Tokyo		
	COOPERATION PERIOD	2007~2009		
	REMARKS			


Hazardous Waste Management and Appropriate Disposal for Asia アジア地域有害廃棄物管理・適正処理		R/F		0984209
Target Countries: Asian Countries		6 participants /		English
OBJECTIVE	TARGET ORGANIZATION / GROUP			
<p>Participants are expected to</p> <ol style="list-style-type: none"> 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. <p>as expected after returning their countries be able to develop a hazardous waste management policy in their respective countries.</p>	<p>【Target Organizations】 Organizations engaged in hazardous waste management in the central government agencies</p> <p>【Target Group】 (1) Mid-career officials presently in charge of hazardous waste management in central government agencies (2) Under 45 years old (3) University graduates or with equivalent technical qualifications in this field</p>			
CONTENTS	PROGRAM PERIOD	Nov.18.2009 ~ Dec.20.2009		
<p>The following subjects are covered during the course;</p> <ol style="list-style-type: none"> (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	JICA Yokohama		
	COOPERATION PERIOD	2007~2009		
	REMARKS			


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－		R/F	0984224
Target Countries: Bangladesh, India, Nepal, Pakistan, Sri Lanka and Bhutan		9 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Over all goal of the training course is to implement strategies created through the course in each participant's organization.</p> <p>At the end of the program, the participants are expected to achieve the following;</p> <p>(1) To understand solid waste management in Japan and local government, and the issue in own country</p> <p>(2) To understand waste treatment technique through learning effective methods of collection and treatment</p> <p>(3) To understand the activity of environmental education with community participation in local government</p> <p>(4) To acquire proper methodology of final landfill site</p> <p>(5) To acquire composting techniques for organic waste</p> <p>(6) To formulate action plan for waste management</p>	<p>1) Current Duties: be government officers who are presently engaged in solid waste management or environmental education for citizens at local or central government.</p> <p>2) Experience in the relevant field: have more than 2 years' experience in the field mentioned above 1).</p> <p>3) Educational Background: be a graduate of university or equivalent level.</p> <p>4) Language: have a competent command of spoken and written English which is equal to TOEFL CBT 250 or more.</p> <p>5) Age: be under 45 years of age</p>		
CONTENTS	PROGRAM PERIOD	Oct.4.2009 ~ Nov.27.2009	
<p>Following lectures, observations and practices are scheduled to achieve the objective.</p> <p>(1) Laws related to waste treatment / Waste management in local government / Conservation activity for environment in Japan</p> <p>(2) Separation of general waste, Collection and transportation, and Effective system of treatment / Treatment of toxic waste (Medical waste and industrial waste) / Recycle technique for paper and plastic</p> <p>(3) Method and practice of environmental education with citizens / Exchange program with NPO / Creation and Role of center for environmental enlightenment</p> <p>(4) Regulation and framework of landfill site / Secure of sanitary landfill site</p> <p>(5) Theory and analysis of composting techniques for organic waste / Practice of composting</p> <p>(6) Discussion between participants / Proposal from course leader / Job report and Action plan presentation</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2007~2009	
	REMARKS	Two participants are expected from Bangladesh, Pakistan and Sri Lanka.	


Human resource development program in environmental management and material cycle society (Master's Degree: Engineering or Environmental management) 環境管理と資源循環型社会を担う中核的人材育成(長期)		L/T	0981206
		3 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 The ability of environmental management and research for officers in central/local government and researchers in institution and university is improved.</p> <p>【Expected Results】 (1)To acquire the knowledge and measures of formulating policy and planning for sustainable environment (2)To acquire the knowledge and measures for analyzing substances in water and atmosphere, and pollution in groundwater based on physical, chemical and biological aspects. (3)To acquire the knowledge and measures for process developments, designing and analysis through learning various kinds of unit processes and analysis/monitoring methods to promote environmental protection and material cycle society. (4)Training on thesis writing</p>	Central/local government, research institute and university relating to environmental management and material cycle society		
CONTENTS	PROGRAM PERIOD	Sep.1.2009 ~ Sep.30.2011	
<p>This program is designed for administrative officers and researchers who are in charge of environmental management and sound material cycle society to strengthen their capacity through acquiring master course degree of environment engineer and environment management.</p> <p>(1)Environmental Economics, Environmental Reporting and Accounting, Environmental Policy and Administration, System of Sustainable Management, Urban Environmental Assessment and Planning, etc</p> <p>(2)Analysis of Toxic Chemicals in Environment, Aquatic Environment and Engineering, Remediation of Soil and Groundwater, etc</p> <p>(3)Environmental Preservation Engineering, Recycling Engineering, Environmental Information Technology and Computer Simulation, etc.</p> <p>(4)Special Study I , II</p>	IMPLEMENTING PARTNER	University of Kitakyushu	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2009~2011	
	REMARKS		

Global Environmental Leaders Development for Climate Change Mitigation (Master's Degree: Environmental Studies or Engineering) 国際環境人材育成 地球温暖化対策(長期)		L/T	0981210
Target Countries: Asia and Africa		2 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Policymakers and technicians will develop their capability of: 1) proposing and practicing approaches to solve the problems with a correct understanding of local situations, 2) coping with cross-sectoral and emerging problems, and 3) communication in the policy dialogues etc. that suits conditions of local society.</p> <p>【Expected Results】 (1)To acquire the theories, advanced knowledge and the problem-solving way of thinking. (2)To improve practical abilities through the internship and seminars to solve the problems in the original countries of the participants. (3)To acquire the ability to wrap up and publicize special reports logically and make actions based on them.</p>	Agencies of central/local governments, private companies, or higher education bodies related to climate policy and mitigation technology.		
CONTENTS	PROGRAM PERIOD	Sep.20.2009 ~ Sep.30.2011	
<p>This program aims to develop global environmental leaders who are able to propose practical measures to solve the problems of climate change.</p> <p>(1)The participants will take lectures, workshops and seminars under this course as required by the curriculum model and acquire credits (at least eight) to obtain the degree. (2)The participants will have a training or internship for a certain period in partner organizations from the Chubu Consortium for Environmental Leaders Development (cooperating body of this program). (3)The participants will complete a dissertation based on research instruction by main and assistant supervisors. The dissertation should identify and analyze an important issue in their original country, and provide measures to be taken to solve it.</p>	IMPLEMENTING PARTNER	Graduate School of Environmental Studies, Nagoya University	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2009~2011	
	REMARKS		


Operation and Maintenance of Sewerage System and Waste Water Treatment Technique 下水道維持管理システムと排水処理技術		GROUP  0980103 Environmental Management—Water Pollution 9 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Based on the Action Plan proposed by respective participant, the knowledge or skills shall be shared his/her organization.</p> <p>【Outputs】 (1) To review basic knowledge of sewerage 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 as "Action Plans" for the participant's respective countries, with a clear understanding of relevant experiences and knowledge acquired in the course</p>	<p>【Target Organizations】 National/Local authority in charge of sewerage system operation and maintenance</p>	
CONTENTS	PROGRAM PERIOD	Jan.13.2010 ~ Mar.14.2010
(1) - Japanese regulation and situation of sewerage system - Sewerage in Kitakyushu - Basic planning for sewerage system (2) - Sewer network planning - Construction and designing of sewage treatment facilities - Principles of biological treatments and selections of treating methods (3) - Construction of sewer network - Operation and maintenance of sewer network - Maintenance of wastewater treatment facilities - Water quality practices and effective use of sewage sludge (4) - Water quality regulation of industrial wastewater - Water quality inspection of industrial wastewater - Wastewater treatment facilities (5) - Job report preparation (in advance), and presentation - Action plan preparation, and presentation - Report to JICA the progress of knowledge/skills sharing among the respective organization.	IMPLEMENTING PARTNER	Kitakyushu International Techno-Cooperative Association
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008~2010
	REMARKS	


Sewerage Technology for Wastewater Control and Urban Drainage 下水道維持管理・都市排水		GROUP  0980105
Target Countries: Bhutan, Maldives, South Africa, Tanzania, Zimbabwe, Mauritius, Macedonia		Environmental Management—Water Pollution 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Based on the Action Plan proposed by respective participant, the gained knowledge or skills shall be shared in his/her organization.</p> <p>【Outputs】 (1) To acquire basic knowledge of sewerage 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 sewerage administration and International cooperation (5) To propose sewerage systems improvement plans as "Action Plans" for the participant's respective countries, with a clear understanding of relevant experiences and knowledge acquired in the course</p>	<p>【Target Organizations】 National/Local authority in charge of wastewater treatment, sewage work and stormwater drainage</p> <p>【Target Group】 (1) be university graduate or those who have equivalent technical qualifications in this field, and have more than five(5) years of practical experience (2) be senior technical officers in charge of sewerage and drainage management in central /local government (3) be under 40 years of age</p>	
CONTENTS	PROGRAM PERIOD	Aug.31.2009 ~ Nov.7.2009
<p>【Preparatory phase (Before coming to Japan)】 Country Report describing present situation of their country and organization on the Sewerage Technology and Urban Drainage will be formulated by participants/participating organizations.</p> <p>【Program in Japan】 (1) To review basic knowledge related to; - Japanese regulation and situation of sewerage system - Sewerage in Osaka (2) Planning, designing and constructing of Sewerage facilities (Basic Plan, sewerage pipe line, pumping station, sewerage treatment facilities, sludge treatment facilities, Principles of biological treatments and selections of treating methods) (3) Maintenance of sewerage systems (Sewerage ledger, sewerage pipe line, pumping stations, sewerage treatment facilities, sludge treatment facilities, water quality regulations and industrial wastewater, water quality test) (4) Sewerage administration and international cooperation (Finance and management of sewerage works) (5) Preparation/Presentation of action plan -Country Report preparation (in advance), and presentation -Action plan preparation, and presentation</p> <p>【Post-program activities (After participants' return)】 - Report to JICA on the progress of knowledge/skills sharing among the relevant engineers in the participating organization.</p>	IMPLEMENTING PARTNER	Public works bureau/Osaka City
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	

Operation and Maintenance of Sewerage Systems 下水道維持管理		GROUP  0980762 Environmental Management—Water Pollution 7 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Every participant shares and implements its action plan, and then reports progress to JICA</p> <p>【Expected Outputs】 (1) To understand sewerage systems in Japan (2) To understand and experience planning and designing of sewerage systems to improve those in participant's country (3) To understand and experience operation and maintenance of sewerage systems to improve those in participant's country (4) To understand and experience industrial wastewater and pre-treatment to improve those in participant's country (5) To propose "Action Plan" to clarify how to improve participant's job and organization based on Modules 1~4)</p>	<p>【Organizations】 Sewerage works entities (can be governmental/ semi-governmental/ corporate)</p> <p>【Personal Qualifications】 <Current Duties> Senior sewerage works engineers <Experience> More than five (5) years in relevant field <Educational background> Engineering, Sanitation <Age> Under 40 years old</p>	
CONTENTS	PROGRAM PERIOD	Sep.8.2009 ~ Nov.10.2009
<p>【Preparatory Phase】 Each participant prepares Job report to identify its issues</p> <p>【Core Phase】 <Subjects per modules> (1) Current situation and rules & regulations of sewerage system in Japan, sewerage system in Sapporo, master plan of sewerage systems (2) Sewer network planning, planning and construction of treatment plant, principal of biological treatment, appropriate selection of treatment method (3) Construction of pipe, operation and maintenance of pipe, operation and maintenance of water treatment plant, practice of water quality inspection, efficient use of sludge (4) Water quality regulations, water quality control, wastewater treatment plant (5) Job report presentation, discussions, guidance for action plan making, action plan presentation</p> <p>【Finalization Phase】 With in 6 months after completion of the course, every participant is requested to share its knowledge and experience in Japan at respective organization, then reports Action Plan progress to JICA</p>	IMPLEMENTING PARTNER	Construction Bureau, City of Sapporo
	JICA CENTER	JICA Sapporo
	COOPERATION PERIOD	2008~2010
	REMARKS	


Adaptive Watershed Management for Flood Countermeasures by Climate Change and Conservation of Ecosystem 気候変動による洪水対策と生態系保全のための順応的流域管理		GROUP 	0980765
		Environmental Management—Environmental Administration	
		8 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 Adaptive watershed management methods will be systematically shared among organizations operating flood control and ecosystem conservation for watershed management by having mid-level working and senior administrative officers from the target organizations (a three-year objective).</p> <p>【Outputs】 To attain the objective, the participants are expected to achieve the followings: 1. First and Second year program (1) To be able to explain the effects of climate change on the watersheds of their respective areas and discuss the possibility of introducing adaptive watershed management method, (2) To be able to analyze current flood risks and the conditions/patterns of ecosystem destruction in the watersheds of their respective areas and explain tasks related to area management methods and ongoing adaptive measures, (3) To formulate the Action Plan (temporary) for an adaptive watershed management project in the target country.</p> <p>2. Third year program In addition to the Outoputs (1) to (3), (4) To formulate the Action Plan of necessary method for adaptive management planning applicable to the watersheds in the target country.</p>	<p>【Target Organization】 Project implementation organizations engaging in flood control or ecosystem conservation in watershed areas</p> <p>【Target Group】 <Position> First and second year: Mid-level working officers in charge of flood control and ecosystem conservation projects within organizations</p> <p>Third year: Senior administrative officers of organizations related to flood control and ecosystem conservation and academic experts directly involved in designing management plans for individual watershed</p> <p><Experience> Have more than five years of practical experience in the relevant field</p> <p><Other> It is strongly recommended for each the same organization related to flood control and ecosystem conservation to nominate an applicant every year.</p>		
CONTENTS	PROGRAM PERIOD	Aug.16.2009 ~ Oct.17.2009	
<p>【Preparatory Phase】 Submission of the Inception Report (present state and issues)</p> <p>【Program in Japan】 •L:Lecture, O:Observation, P:Practice, D:Discussion 1. First and second year program (1)L: Global environmental change/Kyoto Protocol, Post-Kyoto Protocol framework, L/O: Fundamentals of landscape ecology, Dams and watershed control (2) L/O: Conservation method of ecosystem, Floodplain management and Resident activities, L/P: Floodplain management methods, biodiversity and flood frequency, L/O: River flood control and biodiversity conservation, L/P: Basic knowledge and operation of GIS, Floodplain management methods using GIS, L/O: Protection of biodiversity and small mammals (3) Workshop: Issue analysis, Capacity development, L/D: Consensus building, Cooperation with NGOs</p> <p>2. Third year program In addition to the Outoputs (1) to (3), (4) D: Issues on the Action Plan (draft)</p> <p>【Program in home country】 Submission of the Final Report within six months after returning home countries.</p>	IMPLEMENTING PARTNER	Hokkaido University, Rakuno Gakuen University, Hokkaido Regional Development Bureau	
	JICA CENTER	JICA Obihiro	
	COOPERATION PERIOD	2009~2011	
	REMARKS	<p>Since the program objective is designed to be attained through 3 years, the duration of each year's program differs as follows: -First and Second year: 60 days -Third year: 21 days</p>	

Environmental Education Focused on Fresh Water Environment –For Tertiary Level		GROUP 	0980991
Teaching Staff- 水環境を主題とする環境教育		Environmental Management—Other Environmental Management Issues Nature Conservation—Other Nature Conservation Issues 6 participants / English	
OBJECTIVE	TARGET ORGANIZATION / GROUP		
〈Overall Goal〉 Activities for promoting environmental education are continuously implemented based on the Action plan approved by the participants' organization in their home countries. 〈Program objectives (Outcome)〉 This program is designed to strengthen the participants' capacity to make action plans to solve the problems which participants' countries/ organizations are facing and to develop and spread environmental education 〈Outputs〉 1) Understand the concept and theory of environmental education, 2) Acquire the skills to make curriculums for environmental education, and 3) Make draft action plans to solve the problems which participants' countries/ organizations are facing.	(1) University/College lecturers or equivalent (2) Engaged or expected to be engaged in environmental education (3) Engaged in environmental education more than 3 years (4) University/college graduates or equivalent		
CONTENTS	PROGRAM PERIOD	Aug.17.2009 ~ Oct.17.2009	
〈Preparatory Phase in participants' home countries〉 Preparation and Submission of Country Report 〈Phase in Japan〉 Participants will learn following items through lectures, observations and practices - 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 〈Finalization Phase in participants' home countries〉 Sharing and developing Action Plan, Submission of Final Report (including progress of the Action Plan) to JICA regional office	IMPLEMENTING PARTNER	Shiga University/ International Lake Environment Committee Foundation	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2005~2009	
	REMARKS	〈Training Institution〉International Lake Environment Committee: ILEC)	

Sustainable community development by citizens' participation for West Balkan countries 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		R/F  0984200
Target Countries: West Balkan countries		Environmental Management—Environmental Administration 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / 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	Nov.3.2009 ~ Nov.21.2009
<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	City of Kawasaki
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2007~2009
	REMARKS	


Adaptation for climate change 気候変動への適応		GROUP  0980066 Environmental Management—Global Warming 20 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Program Objectives】 Proposed plan for formulation and implementation of adaptation for climate change will be considered at the respective organizations.</p> <p>【Expected Results】 (1) To understand the current situation on adaptation to climate change in respective countries. (2) To understand the overview and international framework on adaptation to climate change. (3) To understand the factors for adaptive capacity, impact assessment and vulnerability assessment on climate change, measures, technology and cases on adaptation to climate change in Japan, and the way of the cooperation for developing countries. (4) To formulate measures to solve the problems on adaptation to climate change in respective countries.</p>	<p>【Target Organizations】 This program is designed for a national (or local) governmental office which is involved in adaptation to climate change.</p> <p>【Target Group】 - Administrative officers in charge of planning and implementation of adaptation to climate change (Preferably be an officer in national focal point of UNFCCC, who is in charge of coordination of adaptation issues in respective countries) - Experience in the relevant field: more than 3 years' experience.</p>	
CONTENTS	PROGRAM PERIOD	Sep.24.2009 ~ Oct.24.2009
<p>【Preliminary Phase】 Participants will make an Inception Report on the current situation of adaptation to climate change policy and problems in their country.</p> <p>【Program in Japan】 Participants are expected to understand the overall view of adaptation to climate change issue in order to fulfill the responsibilities stipulated by UNFCCC through lectures, discussions, practical exercises and site visits. (1) International framework and negotiation on adaptation to climate change (2) Climate change policy in Japan (3) Impact assessment and vulnerability assessment, measures, technology and cases on adaptation for climate change (4) Formulation an Action Plan for solving the problems on adaptation to climate change</p> <p>【Finalization Phase】 The Action Plans made in the program in Japan should be shared in the participants' organization and should be elaborated as Final Report. Six months after going back to Japan, participants will report the progress of the Final Report to JICA.</p>	IMPLEMENTING PARTNER	Meteorological Research Institute (MRI) and National Institute for Environmental Studies (NIES), etc
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2008~2010
	REMARKS	

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 A draft plan for improvement of solid waste management will be formulated by a local government of an area designated as a model.</p> <p>【Outputs】 (1) 1.To grasp the reality and issues on waste management and to extract practical hints for solution through exchanging views among participants (2) o be able to explain the current state of measures against waste taken by a local government for the effective use in each country. (Planning, effective collection and transportation method, sanitary treatment/disposal method, treatment of hazardous waste etc.) (3) To be able to explain the roles of and cooperation among citizens, businesses, and local governments for the appropriate waste management (4) Action plan (interim report featuring the improvement plan) is formulated to solve issues related to waste management based on the reality of each country (5) Action Plan will be studied by each participating organization</p>	<p>【Target Organizations】 Local governments and related organizations engaged in solid waste management of a model area designated by each country.</p> <p>【Target Group】 (1) Current Duties: be an administrative officer/ technical officer of a model local government or related organization engaged in solid waste management. Officers of the national government, in charge of supporting local governments, are also qualified. (2) Experience: have more than 3 years' experience in the field of solid waste treatment or have equivalent level of knowledge. (3) Others: participants should stay engaged in solid waste management after the program.</p>	
<p style="text-align: center;">CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug.24.2009 ~ Oct.16.2009</p>
<p>【Preliminary Phase in a participant's home country】 Formulation and submission of Inception Report Preparation for report presentation</p> <p>【Core Phase】 <u>Related to output (1):</u> Lectures and Presentation Sharing the information and ideas through report presentation and discussion Presentation of information on waste (type and composition)</p> <p><u>Related to output (2):</u> Lectures and Observations Waste treatment planning, Reducing wastes, Waste collection,Intermediate treatment,Waste incineration,Final disposal, Recycling. Discussion and suggestions to apply the above mentioned items to participants' countries.</p> <p><u>Related to output (3):</u> Lectures and Presentation Citizens's role and and the importance of the collaboration between local government & citizens in the field of solid waste management. Environmental education and public awareness to reduce waste.</p> <p><u>Related to output (4):</u> Workshop and Discussion Workshop for problem analysis Designing action plan and its improvement through individual guidance and discussion</p> <p>【Finalization Phase in a participant's home country】 <u>Related to output (5):</u> PExplanation of the action plan and submission of its final report compiled by a participating organization to JICA three (3) months after the return.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>Hyogo Prefectural Environmental Create Center Public Corporation</p> <p>JICA Hyogo</p> <p>2008~2010</p> <p>Since there is a technical or economical gap on waste treatment between Japan and participating countries, not only the introduction of Japan's examples but also guidance considering the participating country's situation will be provided for each participant.</p> <p>This course will be implemented twice for JFY 2009. The second one is scheduled from Jan. 11 to Mar. 6, 2010.</p>


WASTE MANAGEMENT and 3R(Reduce,Reuse and Recycle)POLICIES 廃棄物3R・再資源化		GROUP  0980121
		Environmental Management—Urban Solid Wastes
		10 participants ★ / English
OBJECTIVE	TARGET ORGANIZATION / 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.	<p>Target Organization: Ministry of Environment, waste management section/ Ministry of Industry ,waste management section</p> <p>Target Group: (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</p>	
CONTENTS	PROGRAM PERIOD	Nov.12.2009 ~ Dec.5.2009
(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 (packaging & 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	JICA Tokyo
	COOPERATION PERIOD	2009~2011
	REMARKS	This training course is scheduled to be implemented twice within JFY2009 (November 2009 and March 2010)

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 The local government officer (who are in charge of the areal pollution control and environmental management) shall get the administrative management methodology on raising awareness, implementation of the practical countermeasures, etc.</p> <p>【Expected Results】 (1)Comprehension of industrial pollution problems (2) Environmental improvement, Environmental Management (3) Enhancement of Capacity Building on local environmental management (4) Based on the each country's situation, action plan to solve Enviromental Management Problem is composed.</p>	<p>Local government official where industrial pollution (mainly, air or water quality issue) is recognized. His/her office is expected to have the control rights on the source.</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug.10.2009 ~ Sep.19.2009</p>
<p>This is a practical training targeting for certain local areas where industrial pollution exists and the situation is serious without effective countermeasures.</p> <p>(1)Comparing to the experience and status of Japanese pollution era, this chapter aims to promote the participants to have more consciousness upon the areal pollution (incl. medium & small scale one). Lecture but participatory discussion, analysis and presentation will be provided. (2)Review the concept of autonomous EMS. Introduce suitable EOP or CP technologies for the case studies reported by the participants. Incentives towards improvement such as ener-con, and social & economic approaches will be explained. Participants will settle feasible targets and their AP. (3)Areal environmental management will be focused. Hostile relationship among factory/company, government and local people will be wiped out and on the contrary, creates good relationship. Strategy of public participation to local environment management by each sector will be considered. (4)Composing Action Plan and implement the action plan after return.</p>	<p>IMPLEMENTING PARTNER</p>	<p>International Center for Environmental Technology Transfer (ICETT)</p>
	<p>JICA CENTER</p>	<p>JICA Chubu</p>
	<p>COOPERATION PERIOD</p>	<p>2009~2011</p>
	<p>REMARKS</p>	<p>This course aims to concrete solution to improve environmental problem by training in Japan. Thus the training contains self devotive activities like documentation and presentation.</p>


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants will propose realistic measures against urban environmental problems in their cities.</p> <p>To reach the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> 1.To deepen understanding of methods and frameworks of urban environmental preservation for public health and safety. 2. To analyze and understand concrete environmental policies and projects (especially, best practices and controversial practices) which have been implemented by urban municipalities. 3.To understand methods and process to reflect monitoring results on environmental policies. 4.To make practical "Action Plan" based on the achievement of 1.-3. above, to tackle existing urban environmental problems in respective countries. 	<p>[Target Organizations] Central or Local Government in charge of urban environmental affairs (Preferably local government)</p> <p>[Target Group] (1) Technical officers in charge of environmental administration who now hold or will potentially assume managerial posts at central or local government which face urban environmental problems. (2) Individuals with at least 3 years of practical work experience</p>	
CONTENTS	PROGRAM PERIOD	Jan.19.2010 ~ Mar.3.2010
<p><Preparatory phase> Formulation of Country Report</p> <p><Phase in Japan></p> <p>(1) Lectures:Approach to urban environmental management, Municipalities' missions and functions in urban environmental administration, Features and measures of main urban environmental problems (waste management, water pollution, disaster/energy control, etc.), Environmental education, etc.</p> <p>(2) Practice, discussion:PCM (Project Cycle Management), etc.</p> <p>(3) Observations and discussions:Case examples for urban environmental management, Case examples of environmental education</p> <p><Finalization Phase></p> <p>Action Plans will be shared and implemented through discussion among persons concerned and the progress will be reported or submitted as Final Report to JICA within 3 months after return.</p>	<p>IMPLEMENTING PARTNER</p> <p>Environmental Affairs Bureau, City of Sapporo</p>	
	<p>JICA CENTER</p> <p>JICA Sapporo</p>	
	<p>COOPERATION PERIOD</p> <p>2006~2010</p>	
	<p>REMARKS</p>	

Development of Strategies on Climate Change 地球温暖化対策コース		GROUP  0980572
		Environmental Management—Global Warming
		25 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Program Objective】 Participants will become capable of proposing policies on climate change domestically and internationally with consideration for sustainable development.</p> <p>【Expected Results】 (1) To understand the concept of mainstreaming climate change policy into sustainable development. (2) To understand the basic concept of national communications and how to make it. (3) To understand how to develop inventories of greenhouse gas emission and sinks. (4) To understand adaptation and mitigation measures against climate change. (5) To develop an interim report (a draft of action plan) to solve problems in the field of his/her charge.</p>	<p>【Target Organizations】 This program is offered to governmental organizations in charge of climate change issues such as those from a national focal point office of UNFCCC.</p> <p>【Target Group】 - Administrative officials in charge of climate change issues in national governmental offices - Experience in the relevant field: more than 3 years' experience in the field or administrative work in Climate Change issue.</p>	
CONTENTS	PROGRAM PERIOD	Jan.7.2010 ~ Mar.6.2010
<p>【Preliminary Phase】 Participants will make an Inception Report on the current situation of the climate change policy and problems in their country.</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. (1) Outline of climate change (2) Basic concept of national communication (3) Outline of Mitigation (including CDM) and Adaptation (4) International framework for climate change issue</p> <p>【Finalization Phase】 The Action Plans made in the program in Japan should be shared in the participants' organization and should be elaborated as Final Report. Six months after going back to Japan, participants will report the progress of the Final Report to JICA.</p>	IMPLEMENTING PARTNER	Ministry of the Environment
	JICA CENTER	JICA Tsukuba
	COOPERATION PERIOD	2007~2009
	REMARKS	<p>【Related website】 <Ministry of the Environment> http://www.env.go.jp/en/</p> <p><Kyoto Mechanism Information Platform> http://www.kyomecha.org/e/index.html</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 This course aims at achieving consensus for challenges on sewage works engineering and storm water drainage among the related persons and clarifying the points on implementing projects and business for the solution.</p> <p>【Outputs】 Through the program, participants are expected: 1. To understand the related factors and procedure/methods for the designing/implementation of sewage engineering and storm water drainage technology, 2. To formulate the practical improvement plan for the sewage engineering and storm water drainage in their territory 3. To achieve consensus for challenges on sewage engineering and/or storm water drainage in their organizations and clarify the issues on implementing projects and business for the solution 4. To report the progress of improvement plan in six months after their return.</p>	<p>【Target Countries/ Organizations】 Central or local governments, autonomies or public organizations related to wastewater purification, sewage works, and storm water drainage</p> <p>【Target Group】 (1) Present position: Senior technical officers engaging in sewage works and/or storm water Drainage in central or local governments, or government related organizations. (2) Occupational Background: More than three (3) years of experience in sewage works and/or storm water drainage technology (3) Academic Background: University graduates or persons who have equivalent technical qualifications in the field of sewage works and/or storm water drainage.</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Sep.2.2009 ~ Nov.29.2009</p>
<p><Preliminary Phase in home country> Nominees are expected to make a Country Report, which is containing the status and issues of sewage, storm water 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><Core Phase in Japan> Participants develop an Action Plan, which is described 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. A set of lecture, site observation and discussion will be set at the point of the main subjects as 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><Follow-up phase in home country> Participants are expected to show the Action Plan to their organizations and make the points clear to implement or revise the plan. And participants are expected to report on the progress.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Sewage Business Management Center</p>
	<p>JICA CENTER</p>	<p>JICA Tokyo</p>
	<p>COOPERATION PERIOD</p>	<p>2005~2009</p>
	<p>REMARKS</p>	

Urban Solid Waste Management by Local government 地方自治体における都市廃棄物処理		GROUP  0980802
		Environmental Management—Urban Solid Wastes
		10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 This course aims for more effective and efficient waste management plan to be proposed and discussed in participatory countries and organizations based on the action plans designed by participants.</p> <p>【Outputs】 (1) To realize issues on solid waste managements and get hints to address them through exchange the information and ideas with lecturers and/or other participants (2) To acquire knowledge and skills of urban waste countermeasures through the introduction of detailed actual conditions of waste treatment in major Japanese cities, mainly focused on Osaka city (3) To explain the role of citizens and the importance of the collaboration between local government and citizens (4) To design action plans which propose some solutions towards the issues and problems on solid waste management of each participatory country.</p>	<p>【Target Organizations】 Local governments (or national governments' sections which support local governments' organizations) are in charge of urban solid management waste</p> <p>【Target Group】 1. Engineer or administrative officials of waste management experience or an equivalent level of knowledge 2. Experience in the relevant field: have more than 3 years' experience 3. Person will continue working in the same field after the training course</p>	
CONTENTS	PROGRAM PERIOD	Aug.10.2009 ~ Oct.21.2009
<p>1. Preliminary: Country Report preparation as a matrix form, which marshal their issues and the training modules in Japan. 2. In Japan: (1) Current situation and problems with waste management in Developing Countries (Workshop, Presentation and Discussion) (2) Current Situation and Problems of Waste Management in Japan (Lecture, Observation and Exercise) (3) Collection and transport work (Lecture, Observation and Exercise) (4) Intermediate treatment work (Lecture, Observation and Exercise) (5) Final disposal (Lecture, Observation and Exercise) (6) Waste that requires special treatment (Lecture, Observation and Exercise) (7) Collaboration with Citizens (Lecture, Observation and Exercise) (8) Country Report Presentation/Action Plan Making (Exercise, Presentation and Discussion) 3. After returning: Participants explain the action plans to their organizations. Participants report their activities on fields to JICA & implementing partners.</p>	IMPLEMENTING PARTNER	Osaka City Environment Bureau, Global Environment Centre Foundation (GEC)
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2008~2010
	REMARKS	JICA Osaka and GEC run a website, which opens texts, participants' country reports and others to related people e.g. ex-participants, Japanese instructors. The people can do self-learning, sharing various information on the website.


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 A draft of project for improving the comprehensive risk management and monitoring technology will be formulated by relevant governmental organizations and this draft will be shared among those concerned.</p> <p>【Outputs】 (1) To be able to explain about basic concept of risk management based on risk assessment of chemicals – contamination of the environment and foods, adverse effects on ecosystem and human health, etc. (2) To be able to explain about principles and operation of analytical techniques related to monitoring of chemicals in environmental resources and agricultural products (3) To acquire analytical techniques and skills in instrumental analysis (including sampling, preparation, and pretreatment), immunoassay, and bioassay (4) To submit research reports at the end of first and second half periods with given theme, and to formulate action plan on use of acquired knowledge and techniques (5) The action plan will be submitted and studied for its feasibility.</p>	<p>【Target Organizations】 Administrative organizations in charge of risk management and research institutes in charge of monitoring of environmental and industrial chemicals.</p> <p>【Target Group】 (1) Current Duties: be an administration officer / supervisor in charge of risk management or a technical officer and researcher in charge of monitoring of environmental chemicals (2) Experience: have more than 3 years' experience in the field of risk management or monitoring of environmental chemicals. (3) Educational Background: be a graduate of university or equivalent</p>	
CONTENTS	PROGRAM PERIOD	Feb.15.2010 ~ Aug.21.2010
<p>【Preliminary Phase in a participant's home country】 Formulation and submission of Job Mission Report Preparation for the report presentation</p> <p>【Core Phase】 <u>Related to output (1): Lectures and Presentation</u> Job mission report presentation for sharing the information and ideas Basic concept of risk management of chemicals for environmental safety Outline of environmental chemicals, risk evaluation, risk management and risk communication, Laws and regulations concerning environmental management. Effects on ecosystems, human health etc. <u>Related to output (2): Lectures and Lab Practices</u> Theory and principle of chemical analysis for monitoring (soil, water, air and agricultural/livestock products). Theory and principle of instrumental analysis and bioassay <u>Related to output (3): Lectures and Lab Practices</u> Pesticide residue analysis remained in agricultural products Chemical analysis of agro products and environmental samples Immunoassay of POPs Theory and principle of various test kits <u>Related to output (4): Workshop and Presentation</u> PCM Workshop for the selection of issues. Preparation and presentation of action plan Guidance session by Course Leader and technical advisor appointed for each participant</p> <p>【Finalization Phase in a participant's home country】 <u>Related to output (5):</u> Explanation of the action plan as a start for the implementation back in the participating organization and submission of its final report compiled by the participating organization by February 28, 2010, to JICA.</p>	IMPLEMENTING PARTNER	Hyogo Prefecture, Kobe University, etc.
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2008~2010
	REMARKS	As legal restriction on environmental chemicals in Japan, important laws and regulation will be introduced. For producing realistic action plan, a technical advisor will be appointed for each participant.

Industrial Wastewater Treatment Technique 産業廃水処理技術		GROUP  0980815
		Environmental Management—Water Pollution
		8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Enhance the capability of officials and engineers in charge of industrial wastewater treatment to formulate adequate plans of industrial wastewater treatment in participant's countries.</p> <p>【Outputs】 To achieve this program objective, participants are expected to achieve the followings in Japan; (1) To understand the importance of wastewater treatment and the water pollution related existing regulations included disposal treatment (2) To understand the water pollution control process, and the general concept of wastewater treatment technologies (3) To acquire the method of selecting wastewater treatment by analysis, and the basic design of wastewater treatment facilities (4) To understand the techniques concerning the detail design and manufacturing control of the facilities for precipitation filtration, neutralization, removal of oil contents etc. (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) Current Duties: be engineers in charge of wastewater treatment in government / municipal offices or manufacturing industries 2) Experience in the relevant field: have more than more than 5 years of occupational experience in the field of wastewater treatment 3) Educational Background: be a university graduate, majoring in chemical, mechanical, electrical or civil engineering, or the equivalent.</p>	
CONTENTS	PROGRAM PERIOD	Jul.20.2009 ~ Nov.27.2009
<p>1. Preliminary Phase in a participant's home country Applying organizations are required to submit the Job Report and the Issue Analysis Sheet together with the application form for selection in Japan.</p> <p>2.Core Phase in Japan (Lecture, practice and/or field study) (1)Basic of Water Pollution Control (2)Basic Theory of Wastewater Treatment (3)Basic Plan of Wastewater Treatment (4)Design and Construction of Wastewater Treatment Facilities (5)Operation and Maintenance of Wastewater Treatment Facilities (6)Formulation of Action</p> <p>3. Finalization Phase in a participant's home country Application and implementation of the action plan is discussed in the participant's organization and its result will be submitted by March, 2009 based on the follow-up questionnaire to be provided during the phase in Japan.</p>	IMPLEMENTING PARTNER	Kyushu International Techno-Cooperative Association (KITA)
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2008~2010
	REMARKS	

Target Countries: maritime country

8 participants / English

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>This program aims to realize the development of the effective policies for marine environmental protection, and to direct the practical measures to the issues on the above mentioned field.</p> <p>To attain the objective, participants are expected to achieve the following:</p> <ol style="list-style-type: none"> (1) To explain the present situation and activities of marine environment protection in respective countries, (2) To explain the international framework of marine environment protection, (3) To explain the present situation and activities of marine environment protection in ASEAN, and the way of strengthening the cooperation and networking among the neighboring countries, (4) To explain the present situation and activities of marine environment protection in Japan, (5) To formulate an action plan on how to develop and promote the effective policy of marine environment protection. 	<p>【Target Organizations】 Coast guard or maritime authority obliged to marine pollution prevention work</p> <p>【Target Group】 (1) Individuals in a managerial position. (2) Individuals who have more than 5 years of occupational experience in the above field.</p>	
CONTENTS	PROGRAM PERIOD	Jan.19.2010 ~ Mar.6.2010
<p><Preliminary phase (activities in home country)> (1) Preparation of the County report</p> <p><Core Phase (activities in Japan)> (1) International framework of marine environment conservation (2) Outline of Japan coast guard (3) Outline of laws regarding marine environment in Japan (4) Activity for marine environment conservation (5) Assessment technique for vulnerability of environment (6) Actual condition of marine pollution in Japan (7) Marine disaster prevention (8) Analysis method of pollutant and oil and others (9) Regulatory measures for law violation of marine environment laws (10) Pollution survey method (11) PCM method (12) Formulation and presentation of the Action Plan</p> <p><Finalization Phase (activities in home country)> (1) Share and discuss the action plan in respective organizations (2) Modify the action plan (3) Formulate and submit the progress report and completion report</p>	<p>IMPLEMENTING PARTNER Japan Coast Guard, Japan Coast Guard Association</p> <p>JICA CENTER JICA Okinawa</p> <p>COOPERATION PERIOD 2008~2010</p>	<p>REMARKS</p>

Cleaner Production for productivity improvement and energy conservation on Maintenance management 設備管理における生産性向上と省エネのためのクリーナープロダクション		GROUP  0980885
		Environmental Management—Cleaner Production
		7 participants ★ / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Proposal is formulated for introducing of cleaner production technology in national organization and private company relating to energy plant and organization disseminating cleaner production.</p> <p>【Expected Results】 (1)1)Participants are able to explain the basic concept of cleaner production technology for productivity improvement and energy conservation. (2)2)Participants are able to explain the management measures for effective maintenance site and prevention of occupational and maintenance accident. (3)3)Participants are able to explain maintenance technology and training methodology for energy conservation and productivity improvement. (4)4)Participants are able to formulate action plan for introduction of cleaner production technology. (5)5)After returning within the due date of submission of the final report, the proposal (Action plan) created by participants is shared in the organization and discussed towards the realization and implementation</p>	National organization and private company relating to energy plant (ex.power plant) and organization disseminating cleaner production (ex.Cleaner production center)	
CONTENTS	PROGRAM PERIOD	Aug.5.2009 ~ Nov.28.2009
<p>This program aims to promote productivity improvement and energy conservation by formulating policy relating to Cleaner Production on maintenance management.</p> <p>(1)•Global environmental issue and basic knowledge of cleaner production •History and current situation of environmental management in Kitakyushu city •Necessity of maintenance management (2)•Management measures in productivity and maintenance site •Methodology of how-to advance and improve maintenance management in each element of job •Methodology for prevention of occupational and maintenance accident and risk management (3)•History and background of maintenance management for productivity improvement and energy conservation •Technology and Training methodology for maintenance management •Introduction of technology, methodology and supporting tool (4)• Job report presentation • Creating of Issue analysis sheet • Action plan presentation (5)•Presentation of proposal (Action plan) in participant's organization •Presentation for the final report</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-Cooperative Association
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2009~2011
	REMARKS	The first course in Aug.5.2009~ Nov.28.2009, and the second in Jan.11.2010~Apr.24.2010.

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p><Outcome> For the participants to become adequately knowledgeable about the fundamental of lake basin management, and to become able to play a major catalytic role in developing the needed governance framework</p> <p><Output> 1. Preliminary Lake Basin Report and Lake Basin Questionnaire are completed. 2. Participants are able to explain the resources of lakes and its utilization. 3. Participants are able to explain the challenges of governance in the field of Lake Basin management in general and in their respective country. 4. Participants are able to propose an draft action plan, to solve the problems/challenges which participants' organization are facing, by properly integrating the components of the governance framework involving institutions, policies, stakeholder participation, technological investments, information, financing and other considerations. 5. Draft Action Plans are shared and discussed by the participating organization</p>	<p><Target Organization> Division in National/Local government which is in charge of Management of Lakes and their basins</p> <p><Target Group> 1) Current Duties: be either technical officer 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 programs in their country. 2) Experience in the relevant field: more than five (5) years' occupational experience in the field 3) Age: be between twenty-five (25) and forty (40) years of age 4) Language: have a competent command of spoken and written English (This training course include active participation in discussions, action plan development, thus requires high competence of English ability)</p>	
CONTENTS	PROGRAM PERIOD	Jan.3.2010 ~ Mar.13.2010
<p>1. Orientation Lecture and Practice 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 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 4. Stage 3. Synthesis (TBD) Topic 10. Plan to Action Topic 11. Towards the Future</p>	IMPLEMENTING PARTNER	INT'L LAKE ENVIRONMENT COMMITTEE FOUNDATION
	JICA CENTER	JICA Osaka
	COOPERATION PERIOD	2005~2009
	REMARKS	<p>ILEC Homepage: http://www.ilec.or.jp/ Required to bring each country report contained on CD-ROM.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Participants' capability of formulation of comprehensive environmental management plans which take account of global environmental conservation frameworks and the concept of sustainable development as well as regionally based strategies to deal with pollution from industry and urban living is improved.</p> <p>【Outputs】 (Preparatory Phase in participants' home countries) 0) The country reports are formulated in participants' home countries. (Core Phase in Japan) 1) Based on the country reports and discussions, environmental issues in participants' countries are preliminary sorted out. 2) Understanding the scale of environmental problems and getting knowledge of the way how to solve the problems. 3) Draft Action Plans for countermeasures against environmental issues using knowledge and skills applicable for participating countries are formulated. (Finalization phase in participants' home countries) 4) The draft action plan is shared and examined in their respective organization.</p>	<p>【Target Organization】 Division in National/Local government with responsibility for planning, project design, or implementation of environmental policy</p> <p>【Target Group】 1) Current Duties: Engineers or administrative officials with central responsibility for planning, project design, or implementation of environmental policy 2) Experience in the relevant field: at least five (5) years' experience in the field of industrial/urban pollution control 3) Age: be between twenty-five (25) and forty-five (45) years of age</p>	
CONTENTS	PROGRAM PERIOD	May.6.2009 ~ Jul.4.2009
<p>In this program, the following major subjects will be covered through lectures, discussions and observation trips: (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	JICA Osaka
	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.

Establishment of Sound Material Cycle Society For ASEAN Countries- Formulation of Practical Measures - アセアン地域 循環型社会の構築 -実践的な改善策の策定に向けて-		R/F  0984006
Target Countries: ASEAN		Environmental Management—Urban Solid Wastes 6 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Practical action plan related to 3R and environmental education at national and local level is formulated for promoting establishment of sound material cycle society.</p> <p>【Expected Results】 (1) Participants are able to explain the overview of the system for establishment of sound material cycle society in central and local government. (2) Participants are able to explain the measures to understand concrete efforts implemented by local government and private company (3) Participants are able to explain the environmental education activity with citizens implemented. (4) Participants are able to formulate action plan for introducing of practical 3R and environmental education activity. (5) After returning within the due date of submission of the final report, the proposal (Action plan) created by participants is shared in the organization and discussed towards the realization and implementation</p>	Central/local government and NGO relating to solid waste management, 3R and environmental education	
CONTENTS	PROGRAM PERIOD	Jan.15.2010 ~ Feb.28.2010
<p>This program aims to promote the 3R and environmental education by formulating practical action plans, toward the establishment of sound material society.</p> <p>(1) Introduction of legal system for sound material cycle, Introduction of 3R system and environmental management in Japan, Administration of industrial waste management, International waste material flow in Asian countries</p> <p>(2) Overview of eco town project, Separate collection in offices and household, Data collection and analysis for general waste, Hazardous waste treatment in hospital</p> <p>(3) Environmental education for citizens, River clean-up campaign by citizen, Composting activity for general waste</p> <p>(4) Job report presentation, Creation of Issue analysis sheet, Action plan presentation</p> <p>(5) Presentation of proposal (Action plan) in participants' organization, Presentation for the final report</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-Cooperative Association
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2009~2011
	REMARKS	

Industrial Pollution Control Management for Middle Eastern Countries 中東地域産業環境対策		R/F 	0984021
Target Countries: Middle East		Environmental Management—Other Environmental Management Issues	
		7 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 To help administrators engaged in the management of industrial environments understand the functions and roles which municipalities, research institutes and businesses should represent in the improvement of industrial environments, as well as the interplay between them, through looking at how industrial environments have been improved in Japan, and learn the skills required to establish effective policies for administrative guidance using pollution prevention techniques, facility management strategies, and administrative measures.</p> <p>【Outputs】 (1) To master air pollution control administration and pollution control technique, and propose a solution for the issue. (2) To master water pollution control administration and pollution control technique, and propose a solution for the issue. (3) To master waste disposal administration and recycling technique, and propose a solution for the issue. (4) To understand measurement of environmental pollutants and their affect on the human body and the nature, and propose a solution for the issue. (5) To master environment improvement technique, and propose a practical action plan for the department. to which participants belong</p>	<p>【Target Organization】 Government Organization in charge of Industrial Pollution Control</p> <p>【Target Group】 1) Current Duties: be a technical administrator in charge of industrial pollution control. 2) Experience in the relevant field: have more than 3 years' occupational experience in the field of industrial pollution control 3) Educational Background: be a graduate of university, majoring in engineering or the equivalent. 4) Language: be competent in spoken and written English</p>		
CONTENTS	PROGRAM PERIOD	Jan.11.2010 ~ Apr.28.2010	
<p>1. Preliminary Phase in a participant's home country Preparation of Issue Analysis Sheet</p> <p>2.Core Phase in Japan (Lecture, practice and/or field study) (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 home country.</p> <p>3. Finalization Phase in a participant's home country Application and implementation of the action plan is discussed in the participant's organization and its result will be submitted by March, 2009 based on the follow-up questionnaire to be provided during the phase in Japan.</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-cooperative Association (KITA)	
	JICA CENTER	JICA Kyushu	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

Waste Management Technologies and 3Rs for Central and South American Countries 中南米地域 廃棄物処理技術および3R		R/F 	0984026
Environmental Management—Urban Solid Wastes		10 participants /	Spanish
Target Countries: Central and South America			
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>To acquire knowledge/skills of waste management(Disposal and 3R) and formulate Action Plans to improve waste management system in the participant's respective countries.</p> <p>(1)To learn waste disposal technologies and 3R policy in Japan (2)To learn the roles/functions among organizations/stakeholders concerned to develop sound material-cycle society (3)To propose feasible "Action Plan" for proper disposal of waste by making the best use of the learnt knowledge/technologies (4)To establish the participants' network in order to exchange relevant information/knowledge after completion of the program in Japan</p>	<p>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</p>		
CONTENTS	PROGRAM PERIOD	Aug.11.2009 ~ Sep.25.2009	
<p><Preparatory Phase> Formulation of Country Report <Curriculum in Japan> 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 <Finalization Phase> Implementation of the Action Plan and the report of the progress.</p>	IMPLEMENTING PARTNER	Japan Environmental Sanitation Center and Environmental Affairs Bureau, City of Sapporo	
	JICA CENTER	JICA Sapporo	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 In the organizations in charge of water quality monitoring and management, recommendation paper will be presented on improvement of technical standard for administrating area and also on vast water area management.</p> <p>【Expected Results】 (1) Understanding Japanese laws, regulations, standards on water issue. (2) Finding the way of improvement on the accuracy management on water quality monitoring. (3) Being able to process the Analysis Result and Wide-area Water Quality Monitoring System (4) Understanding others' sense of value over the utilization of shared rivers/lakes. (5) Take the recommendation report into an action.</p>	Ministry, State Committee for Environment Protection or Nature Protection.	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	Nov.1.2009 ~ Dec.2.2009
<p>(1)Lectures on general information on water quality control policy. Inception report presentation on the actual status and problems on water quality monitoring in Central Asia. (2)Review of Current Water Quality Monitoring Technology and Improvement of Accuracy Management (3)Data process and application towards compiling database and preparation for setting up GIS in order to utilize the information for further research and policy making. Also, to understand the importance of information disclosure and sharing. Some treatment technology will be introduced. (4)utilize the water monitoring as process for wide-area environmental conservation and proactive water resource for shared use with the understanding of different situation and opinions of other participants. Its process and challenging issue will be summarized and presented as A/P. (5)Participants will prepare a report about the advance of activities with the fruit of training in Japan in 6 months after the return. Besides, making a conference to solve the problems mentioned in the report.</p>	<p style="text-align: center;">IMPLEMENTING PARTNER</p>	International Center for Environmental Technology Transfer (ICETT)
	<p style="text-align: center;">JICA CENTER</p>	JICA Chubu
	<p style="text-align: center;">COOPERATION PERIOD</p>	2009~2011
	<p style="text-align: center;">REMARKS</p>	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Under the theme of the waste disposal problem which is the common characteristic in Oceanian countries, ESD promotion plan will be formulated as suit the each countries' condition.</p> <p>【Outputs】 (1)To understand the Japan's environmental policy and projects. (2)To understand the education for community and human development in a sustainable way through environmental issues. (3)To understand waste disposal problems, international trends and an environmental education. (4)To learn planning of problem solution and business promotion method utilizing the regional characteristics. (5)To formulate action plans for sustainable development of a region in each country.</p>	<p>【Target Organizations】 Ministries related ESD (such as Ministry of Environment, Education, Economy, Foreign Affairs and so on)</p> <p>【Target Group】 1)Current Duties: be an officer, technical officers in the administrative bodies who is presently engaged in the field of environmental policy or environmental education (Participants from not only the Ministry of Environment and Education but also other ministries and agencies are acceptable) 2) Educational Background: be equal or surpassing to a graduate of university 3)Age: be between the ages of twenty-six (26) and forty (40) years</p>	
CONTENTS	PROGRAM PERIOD	Oct.5.2009 ~ Oct.30.2009
<p>Output(1) •To take lectures about outline of basic environment plan of central and local government in Japan. •To take lectures about autonomy's activities from Nishinomiya City.</p> <p>Output(2) •To take lectures about basic notion of ESD •To visit the sites of education and activity of ESD in Nishinomiya City</p> <p>Output(3) •To visit Nishinomiya Waste Treatment Facility and private waste treatment facility •To take lectures about economic activity related to waste products and international trend</p> <p>Output(4) •Visit a school and local community to learn environmental education for waste products •To have a workshop of business solution about regional development</p> <p>Output(5) To make up an action plan through a workshop</p>	IMPLEMENTING PARTNER	Learning and Ecological Activities Foundation for Children
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2008~2010
	REMARKS	Three (year-on-year) objectives are set for each year's training. And utilize ex-participants to the next year's training to make linkage among 3 year's training.


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Participants will understand knowledge and techniques regarding cleaner production aiming to develop an action plan to promote cleaner production activities in their countries.</p> <p>【Outputs】 (1) To understand the definition, concept, necessity, role of governmental and private sector regarding cleaner production. (2) To understand the knowledge and techniques regarding technology to minimize environmental impact. (3) To understand the knowledge and techniques regarding energy conservation technology. (4) To understand the knowledge and techniques regarding resource saving technology. (5) To understand the knowledge and techniques regarding recycling technology.</p>	<p>【Target Organizations】 Enterprise including former national enterprise in energy consumption industry, governmental organization in charge of cleaner production, environment</p> <p>【Target Group】 (1) Individuals from above-mentioned organization (2) Individuals with more than 5 years occupational experience in this field</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Oct.12.2009 ~ Nov.21.2009</p>
<p>(1) Definition, concept, necessity, role of governmental and private sector regarding cleaner production, Green productivity, Public awareness activity, Environmental law, Recycling society and global issue, Environmental administration and monitoring system, Inspection and guidance system for private sector (2) Zero emission, Wastewater treatment (Plating waste), Exhaust emission control system, Reduce of solid waste, Environment impact assesment (3) Energy conservation and global issue, Energy conservation law and its enforcement in Japan, Energy management in a plant, Case study - Energy conservation activities in a plant, Energy consevetion technology on heating furnace, Machine condition diagnosis techniques (4) Production control, Program Evaluation and Review Technique (PERT), Quality Control using QC 7 tolls, Total Productive Management (TPM), Productivity and equipment maintenance, 5S activity (5) 3R(Reuse, Reduce, Recycle), Economy aspects of recycling, Support to private company for 3R, Reclaimer of scrap metal, Separation and collection of waste</p>	<p>IMPLEMENTING PARTNER</p>	<p>Kitakyushu International Techno-cooperative Association (KITA)</p>
	<p>JICA CENTER</p>	<p>JICA Kyushu</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p style="text-align: center;">REMARKS</p>	

Target Countries: 10 countries receiving ODA out of 13 EANET member countries

6 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 To develop the ability of mid-level engineers who are involved in EANET activities in each countries, in order to improve each countries' abilities to monitor and evaluate the current situation of damage by acid deposition, reduce the pollutants caused for acid rain.</p> <p>【Outputs】 (1) To analyze damage and countermeasures of acid deposition in each countries (2) To understand Japan's history, experiences, current situation and countermeasures in this field (3) To improve the technique and accuracy of monitoring through practical trainings (4) To make action plans that answer to each countries' challenges</p>	<p>【Target Organizations】 Organizations engaging in the operation of the Acid Deposition Monitoring Network in each countries in East Asia (EANET)</p> <p>【Target Group】 <Position> An engineering official or researcher engaged in the issue of acid deposition or air pollution and also related to EANET activities. <Experience> Experience in the relevant field: have more than 3 years' experience in the field of environmental management <Others> Educational Background: be equal or surpassing to a graduate of university</p>	
CONTENTS	PROGRAM PERIOD	Oct.5.2009 ~ Dec.18.2009
<p>Output(1) To present country reports and discuss current situation and problems in each countries.</p> <p>Output(2) • To study the role of central government, local government and business enterprises and their countermeasures, development of legal systems. • To conduct field research at smoke generation facilities, smoke treatment facilities and air environment observation facilities.</p> <p>Output(3) • To learn skills of monitoring on wet and dry deposition, monitoring on soil, vegetation and inland aquatic environment, monitoring on air pollutant. • Exercise of quality management and quality control • Transportation of air pollutants and generation source inventory.</p> <p>Output(4) • To review the training • To formulate an action plan for solving problems analysed at the beginning. • To discuss for the regional cooperation in East Asia</p>	IMPLEMENTING PARTNER	Hyogo Environmental Advancement Association
	JICA CENTER	JICA Hyogo
	COOPERATION PERIOD	2008~2010
	REMARKS	The result of this training course is highly evaluated for capacity-building of participating countries at the EANET governmental conference.


Capacity Development for Adaptation to Climate Change –Climate Modering and Analysis アジア地域 気候変動への適応にかかる能力開発 一気候変動予測解析		R/F  0984141
Target Countries : Bangladesh, Thailand, Vietnam, Indonesia, Philippines		Environmental Management – Global Warming 5 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】</p> <ul style="list-style-type: none"> •to develop a capacity for adaptation to climate change, particularly forecast and impact assessment •in the first two years: be focused on climate change forecast where a technique of climate modeling based on the 'Earth Simulator' and a downscaling method will be learned •in the last year: impact assessment by using the climate change forecast and 	<p>【Target Organizations】 University of Technology and Engineering , Meteorological Institute</p> <p>【Target Group】 Meteorological Reseachers in charge of climate change model ilng</p>	
CONTENTS	PROGRAM PERIOD	May.20.2009 ~ Jun.20.2009
<p>(1)Lectures (a)Adaptation policy in Japan (b)Basic concept of Climate Change Model (c) and other related lectures</p> <p>(2)Exercise (a)Data analysis of Climate Change Model (b)Data modeling of Climate Change (c) and other related research</p>	IMPLEMENTING PARTNER	Meteorological Research Institute
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008~2010
	REMARKS	Applicants are expected to nominate from same organization and/or person each year(3years) as far as possible


Waste Management for Promoting Recycling-oriented Societies in Central and South America 中南米地域 循環型社会形成促進のための廃棄物総合管理		 0984146
Target Countries: BV, CR, DN, EL, GU, HD, MX, NC, PM, PG, PE, VE, CB		Environmental Management—Urban Solid Wastes 15 participants / Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Comprehensive master or related action plan on SWM will be planned then accordingly, the SWM system shall be improved. Thus, current problems/ challenges in the said field will be solved and recyclable society is further promoted in Central and South America.</p> <p>【Outputs】 1) To understand the present system and the characteristics of SWM administration to compare with their own and to extract hints for improvement 2) To understand various techniques and measures in waste treatment and recycling 3) To learn methods of environmental awareness raising through the experience of case study in waste management 4) To make and report Action Plans for improvement of SWM system in each country/ local administration including role or responsibility of participants themselves</p>	<p>【Target Organizations】 Central and local governments who are facing the solid waste problem in Central and South America. Local government officials are rather encouraged to participate in.</p>	
CONTENTS	PROGRAM PERIOD	May.20.2009 ~ Jul.4.2009
<p>Promoting SWM and Recycling oriented society for Central and South America, the training course aims to build capacity of administration board by learning characteristics and technology of SWM in Japan. The final goal is to compose and implement Action Plan to solve problem found, which hinders proper management of solid waste in each country.</p> <p>(1)-Recognition of conditions and/or problems in waste generation -General issued in SWM in Japan incl. Laws, regulations, the 3R initiative, collection and transportation and international Laws such as PRTR, etc. (2)-Site visits to waste treatment technologies, Reduce, Reuse and Recycle, and hazardous waste treatment -The concepts of Eco-town and Recycle business (3)-Strategic approach and Tool making for public awareness raising (4)-Making and Presentations on Waste management Masterplans and /or Action Plans (5)-Implementation of the Action Plan</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p>	<p>International Center for Environmental Technology Transfer (ICETT)</p> <p>JICA Chubu</p> <p>2008~2009</p>
	REMARKS	


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 The participants are expected to improve/acquire the capacity to formulate and execute the policy and regulations in the field of air and water pollution control. (In JFY 2009, the program will focus on Air Pollution)</p> <p>【Outputs】 (1) to identify environmental problems of participating countries and obtain hints for the improvement of the situation (2) to learn from the experience of Osaka and other cities in Japan about air/water pollution and countermeasures thereof (3) to obtain applicable knowledge on environmental communication (4) to produce Action Plan while in Japan and explain it to stakeholders in respective countries after returning</p>	<p>【Target Organizations】 National/Local Governmental Organization engaged in Environmental Administration 【Target Group】 Administrative Engineers working in National/Local Government Organizations</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Jan.11.2010 ~ Feb.27.2010</p>
<p>【Preparatory phase (Before coming to Japan)】 •Participants are expected to write Country Report on the present situation and problems</p> <p>【Program in Japan】 (1) •At the Presentation of Country Report, through information exchange and discussion, participants obtain hints for improvement (2) •through lectures, practices and observation, participants gain knowledge on environmental management systematically, from identification, analysis, planning through guidance (3) •participants learn various methods of communication such as information disclosure, cooperation with stake holders, environmental education etc. (4) •participants are to discuss countermeasures to pollution problems of each country with co-participants and Japanese lecturers and produce an Action Plan as fruits of this program.</p> <p>【Post-program activities (After participants' return)】 • Within 3 months of the end of the program in Japan, participants/participating organizations are expected to implement the above Action Plan and report the progress in Completion Report.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Global Environment Centre Foundation</p>
	<p>JICA CENTER</p>	<p>JICA Osaka</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p style="text-align: center;">REMARKS</p>	<p>In JFY 2009 the program will focus on Air Pollution.</p>

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 To be able to set the plan and goal in order to utilize Cleaner Production method in the production process of industrial material in order to solve the environmental problem, caused by industrialization in developing countries</p> <p>【Outputs】 (1) To observe the real state of Cleaner Production in Japan and to learn the method of executing Cleaner Production (2) To learn the basic technologies of engineering for process industries (3) To learn how to implement effective maintenance management and to acquire the useful technologies for it</p>	<p>【Target Organizations】 Organizations belonging to the field of process industries such as chemical, petroleum refinery, iron and steel, food and ceramic plant</p> <p>【Target Group】 Managers or engineers in the field of process industries</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Aug.3.2009 ~ Nov.20.2009</p>
<p>(1) Recent situation of global environment, Cleaner Production, TPM, 5S, Kaizen Activity, New QC Seven Tools, PCM, Plant Visit (2) Selection of Equipment, Selection of Motors, Selection of Materials, Corrosion and Protection, Sequence Control, Process Control, Plant Visit (3) Maintenance Management, Maintenance in Actual Plant, Visual Maintenance Management, Diagnosis Technique Plant Visit (4) Orientation of training course, instruction of making action plan, instruction of presentation, presentation of action plan (5) Report to JICA the progress of knowledge/skills sharing among the respective organization.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Kitakyushu International Techno-cooperative Association (KITA)</p>
	<p>JICA CENTER</p>	<p>JICA Kyushu</p>
	<p>COOPERATION PERIOD</p>	<p>2008~2010</p>
	<p>REMARKS</p>	<p>This seminar will be implemented twice for JFY 2008. The second one is scheduled from early Feb 2010 to late May 2010 in the same content. (The term of this training course is not yet determined.)</p>

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		R/F 	0984195
Target Countries: Southeast European and CIS countries		9 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Program Objective】 Participants will be enhanced the capabilities for efficient formulation of CDM/JI projects under the UN Framework Convention on Climate Change.</p> <p>【Expected Results】 (1) To understand the overview of the UNFCCC and the Kyoto Protocol, including the Kyoto Mechanisms such as CDM/JI and GIS (Green Investment Scheme). (2) To understand effective measures to promote CDM and JI. (3) To acquire skills to develop CDM/JI projects. (4) To strengthen a network among participating countries, as well as with major stakeholders in Japan. (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】 This course is designed for governmental organizations in charge of CDM or JI issues in Designated National Authorities (DNAs) for CDM, or Designated Focal Points (DFPs) for JI, or relevant national governmental offices.</p> <p>【Target Group】 - Administrative officers in charge of CDM or JI issues in DNA for CDM, or DFPS for JI, or relevant national governmental offices. - Experience in the relevant field: more than 3 years' experience.</p>		
CONTENTS	PROGRAM PERIOD	Aug.13.2009 ~ Sep.3.2009	
<p>【Preliminary Phrase】 Participants will make an Inception Report on the current situation of CDM/JI and problems in their country.</p> <p>【Program in Japan】 Participants are expected to understand the overall view of CDM/JI issue in order to fulfill the responsibilities stipulated by the UNFCCC through lectures, discussions, practical exercises and site visits. (1) The transition of effort for solving global warming issue, the role and mechanism of CDM/JI/GIS, and the policy on CDM/JI/GIS in Japan (2) The process of formulation and the way of proposition for CDM/JI projects (3) Exercise on drafting the projects of PDD in CDM/JI (4) Visiting the government-affiliated agency and the private company, and discussing with them about CDM/JI (5) Discussion for drafting action plan</p> <p>【Finalization Phase】 The action plans made during the program in Japan should be shared in the participants' organization and should be elaborated as Final Report. Six months after leaving Japan, participants will report the progress of the Final Report to JICA.</p>	IMPLEMENTING PARTNER	Overseas Environmental Cooperation Center, Japan	
	JICA CENTER	JICA Tsukuba	
	COOPERATION PERIOD	2007~2009	
	REMARKS	<p>【Related website】 <Kyoto Mechanism Information Platform> http://www.kyomecha.org/e/index.html</p>	

Waste Effluent Pollution Control Caused by Mining and Manufacturing Industries for Central and South America 中南米地域 鉱工業による廃水汚染対策		R/F 	0984246
Target Countries: Central and South America		18 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p><Outcome> Effective and tangible action plan for preventing environmental destruction coming from hazardous substance included in the discharged water from mining and manufacturing industries will be formulated with close coordination among the related organizations that take charge of the control of the Effluent regulation (such as ministries and the local governmental offices)</p> <p><Output> 1) Country reports which summarizing problems and issues of waste effluent caused by mining and manufacturing industries are formulated in participants' respective countries 2) Problems and issues of systems and policies on waste effluent pollution control caused by mining and manufacturing industries in their respective countries will be sorted out through the case study in Japan. 3) Draft action plan will be formulated by respective countries 4) Draft action plan will be shared and examined in their respective countries</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, under 50 years old</p>		
CONTENTS	PROGRAM PERIOD	Nov.11.2009 ~ Dec.12.2009	
<p>This course is designed for participating 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.</p> <p>〈Preparatory Phase in participants' home countries〉 Formulation of country reports by team of 3 members in each country. 〈Core phase in Japan〉 Participants will learn following items through lectures, observations and discussion ① Generating mechanism, countermeasures and compensation issue of pollution-related diseases (based on Japanese experience) ② Effect of hazardous substances on human body ③ Overview of pollution due to hazardous substances ④ Laws and regulations for environmental management ⑤ Environmental measures by local governments ⑥ Environmental protection measures and technologies in chemical industries ⑦ Cleaner production technologies ⑧ Sharing the problems, draft Action Plan presentation and discussion 〈Finalization Phase in participants' home countries〉 Sharing and developing Action Plan, Report to JICA regional office</p>	IMPLEMENTING PARTNER	Global Environment Center Foundation	
	JICA CENTER	JICA Osaka	
	COOPERATION PERIOD	2007~2009	
	REMARKS		

Promotion of Project Formulation of Clean Development Mechanism in Central Asia and Caucasus Region 中央アジア・コーカサス地域 クリーン開発メカニズム案件形成促進		R/F 	0984280
Target Countries: The countries which are NOT on ANNEX I of Kyoto Protocol.		4 participants /	Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 The formulation and registration of CDM projects will be promoted in the respective countries.</p> <p>【Expected Results】 (1)To grasp the problems which the CDM related organizations in their countries have in the process of project formulation (before coming to Japan). (2)The system to provide information for the stakeholders of CDM projects will be established in the respective DNAs. (the 1st year) (3)The guideline for the formulation of CDM projects considering the situations of the respective countries will be drafted. (the 2nd year) (4)The system to provide the consultation for the registration of CDM projects will be established in the respective DNAs. (the 3rd year) (5)To contribute to the solution of the problems which CDM related organizations have, with fruits of the training program in Japan (after going back to participants' own countries).</p>	Designated National Authorities (DNA) or other corresponding organization like National Focal Points (NFP) and CDM related offices.		
CONTENTS	PROGRAM PERIOD	Nov.23.2009 ~ Dec.23.2009	
<p>To solve the problems which CDM related organizations have in the process of project formulation.</p> <p>(1)To clarify the starting point of the training course and To prepare for the practice PDD in Japan. (2)To learn the roles of developing countries in the process of CDM project formulation, registration, and implementation. To frame a PDD in practice. (3)To discuss the way to register CDM projects more easier through sharing PDD which is made in Output 2 and good/bad practices which is collected in participants' country. (4)To learn the perspectives and the measures of Japanese Industry, Private Sector, Ministries and Agencies of the government for the CDM projects. To visit sites (plants, etc.) where efforts for the energy/resources conservation is actually implementing. (5)To frame and present an action plan based on the fruit of the course to solve the problems which are analyzed in Output 1. To aim at the implementation of the action plan which is elaborated in the end of the course in Japan, involving the organization that the participants are belong to.</p>	IMPLEMENTING PARTNER	International Center for Environmental Technology Transfer	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2009~2011	
	REMARKS		

Air pollution source management 大気汚染源管理		R/F  0984286
Target Countries: Algeria, China, Egypt, Honduras, and Mongolia		Environmental Management—Air Pollution/Acid Rain 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Policy related to air pollution source management at own organization is formulated for promoting air pollution management.</p> <p>【Expected Results】 (1) Participants are able to explain the overview of the administrative system for air pollution prevention. (2) Participants are able to explain the overview of monitoring and analysis method implemented. (3) Participants are able to explain the overview of technology for air pollution prevention to visit government of local government and private companies. (4) Participants are able to formulate action plan for introducing of air pollution source management. (5) After returning, the proposal (Action plan) created by participants is shared in the organization and discussed towards the realization and implementation</p>	Environmental management department at central/local government	
CONTENTS	PROGRAM PERIOD	Oct.15.2009 ~ Dec.15.2009
<p>This program aims to promote air pollution management at central/local government by formulating proper policy relating to air pollution source management.</p> <p>(1) • History of industrial pollution and health effects of air pollution • Law system of air pollution prevention, Plant Inspection system in Kitakyushu city • Anti-air pollution measures for automobile exhaust gas • Environmental education (2) • Air pollution monitoring system in Kitakyushu city • Monitoring and analysis of air pollution substance • Measurement of automobile exhaust gas</p> <p>(3) • Technology of dust collection and control of Sulfur and Nitrogen oxides • Visit to steel company and thermal power station (4) • Job report presentation • Lecture of Project cycle management, Instruction for creating Action plan and Issue analysis sheet • Action plan presentation (5) • Presentation of proposal (Action plan) in participants' organization • Presentation for the final report</p>	IMPLEMENTING PARTNER	Kitakyushu International Techno-Cooperative Association
	JICA CENTER	JICA Kyushu
	COOPERATION PERIOD	2009~2011
	REMARKS	

Target Countries: Countries which face serious problem of automobile pollution


9 participants / English


OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 Capacity of participating organization on making plans countermeasures for automobile pollution is improved.</p> <p>【Expected Results】 (1)The situation reports which summarizing problems and issues of countermeasures against automobile pollution are formulated and based on the situation reports and discussions, participants are able to analyze problems and issues of countermeasures against automobile pollution. (2)Participants are able to explain about countermeasures against automobile pollution in the case of Japan. (3)Participants are able to explain how to measure, monitor and control air pollutant exhausted by automobile, (4)Participants are able to explain about city planning and education programs which are effective in prevention of automobile pollution. (5)Draft training plans for dissemination of applicable knowledge and skills about countermeasures against automobile pollution are formulated, shared and examined in their respective organization.</p>	<p><Target Organization> Division in national/local government which in charge of policy planning on countermeasure against automobile pollution in urban area</p> <p><Target Group> 1) Administrative/Technical officers in charge of policy planning on countermeasure against automobile pollution in urban area 2) Experience in the relevant feild: have more than 3 year's experience</p>	
<p>CONTENTS</p>	<p>PROGRAM PERIOD</p>	<p>Sep.30.2009 ~ Nov.15.2009</p>
<p>This training is designed for deepen understandings of automobile emissions and for strengthening capacity on making plans countermeasures for automobile pollution.</p> <p>(1)Formulation of the situation reports summarizing problems and issues of countermeasures against automobile pollution in participants' respective countries •Presentation/discussion of situation reports •Determination/sharing of the needs of each participants •Workshop on training plan making and sorting out and analyzing the problems/issues in order of importance (2) •Lectures on overview/history of countermeasures against automobile pollution based on the case study from Osaka area (focusing on methods, relation with resident etc.) •Lectures on legal structure related to automobile pollution •Air diffusion, figuring out the amount of emission •Automobile pollution prevention plan in Osaka, EIA etc. (3)• Practical work on measurement of auto emission, figuring out the amount of emission •Site visit to constant monitoring facilities, emission experiment facility using real cars etc. (4)•Lectures on City Planning aiming at Environmentally Sustainable Transport (EST) (traffic survey, simulation, countermeasures against traffic jams, etc.) •Lectures on education for resident (Mobility Management Program, Eco driving etc.) (5)•Formulation of "draft training plans for dissemination of applicable knowledge and skills about countermeasures against automobile pollution •Presentation/discussion of the draft training plans •Holding workshops to share and examine the draft training plan in participants' respective organization. •Finalization of draft training plans.</p>	<p>IMPLEMENTING PARTNER</p>	<p>Global Environment Centre Foundation</p>
	<p>JICA CENTER</p>	<p>JICA Osaka</p>
	<p>COOPERATION PERIOD</p>	<p>2009~2011</p>
	<p>REMARKS</p>	<p>This program is aiming at strengthening capacity of organization as well as individuals through 3 year's program. It is desirable that participants are selected from the same organization through 3 yer as in order to have smooth communication among participants from differnet year.</p>

Target Countries: Only Chile

4 participants / Spanish

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objective】 The action plan for promoting the environmental education model which developed in the JICA technical cooperation project at each municipality will be shared in the trainee's organization.</p> <p>【Expected Results】 (1) Through formulation and presentation of job reports and following discussion, trainees can clarify the challenges for promoting environmental education in their areas. (2) Trainees can explain the concept of ESD (Education for Sustainable Development) and current situation of ESD in Japan. (3) Trainees can explain the activities related to environmental education in Nishinomiya City. (4) Through the outputs (1)–(3), trainees can figure out their challenges and formulate action plans to solve them. (5) (After the fact) Trainees can develop their action plans after they go back and share in their organizations.</p>	CONAMA, City Government	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	Feb.8.2010 ~ Feb.26.2010
<p>This training aims to formulate plans for introduction of environmental education through learning the case of Nishinomiya City.</p> <p>(1) To formulate and present job reports (2) • The workshop for basic understanding of ESD • Lectures of current situation of ESD in Japan (3) • Lectures of an environmental policy in Nishinomiya City • To visit schools for viewing the environmental learning • To visit waste disposal centers and private businesses' activities for waste reduction • Discussion with Eco-community members (4) • To study a method of action plan formulation • To formulate and present action plans</p>	<p style="text-align: center;">IMPLEMENTING PARTNER</p>	Learning and Ecological Activities Foundation for Children (LEAF)
	<p style="text-align: center;">JICA CENTER</p>	JICA Hyogo
	<p style="text-align: center;">COOPERATION PERIOD</p>	2009~2011
	<p style="text-align: center;">REMARKS</p>	

Sustainable solid waste management in Caribbean islands カリブ島嶼国における持続可能な廃棄物管理		R/F 	0984305
Target Countries: Caribbean countries		6 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 The issues on sustainable solid waste management in small islands which participating organization are facing will be directed, and the practical measures to the issues will be formulated.</p> <p>【Expected Results】 (1) Issues on sustainable solid waste management in participating country will be solved. (2) Issues on sustainable solid waste management will be solved, regarding Okinawa's case. (3) Issues on establishing participatory solid waste management will be solved. (4) To be able to formulate an institutional action plan which aims for solving a issue in sustainable waste management. (5) The action plan will be shared and submitted in participating organization.</p>	<p>【Target Organization】 Ministries, Agencies and NGOs concerned with solid waste management</p> <p>【Target Group】 1) Current Duties: Be involved (currently or possibly in the near future) in solid waste management 2) Experience in the relevant field: have more than five (5) years' practical experience in the above field</p>		
CONTENTS	PROGRAM PERIOD	Nov.10.2009 ~ Dec.12.2009	
<p><Preliminary phase (activities in home country)> (1) Formulation and presentation of Job Report</p> <p><Core Phase (activities in Japan)> (1) •Legislation, ordinance •Administration project •Industrial and hazardous waste management •Current condition and issues of incineration processing •Current condition and issue of final disposal sites •Circulation route of recycling •Financial burden of local community (2) •Necessity for citizens and companies to cooperate •Collection of garbage by type through citizens and companies cooperation •Environmental education (Waste management game, Shopping game) (3) •Discussion on necessary resources for sustainable waste management •Identify key problem of solid waste management in respective countries and organizations •Discussion on the direction for solution creation •Formulation and presentation of an action plan</p> <p><Finalization Phase (activities in home country)> (1) Share and discuss the action plan in respective organizations (2) Modify the action plan (3) Formulate and submit the progress report and completion report</p>	IMPLEMENTING PARTNER	Okinawa Recycle Society	
	JICA CENTER	JICA Okinawa	
	COOPERATION PERIOD	2009~2011	
	REMARKS		


Workshop for enhancement of the governmental capacity on water environment in Asian countries アジア水環境ガバナンス強化ワークショップ		R/F 	0984278
Target Countries: 10 countries in South East Asia and East Asia which take part in WEPA		5 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objective】 For strengthening capacities for enforcement in water environmental management in each countries, to propose solution for these, through information sharing among executive officers and environmental analysts.</p> <p>【Expected Results】 (1)Share the system, technical level, monitoring system, issue of water management in each country to build common awareness among participators (2)Understanding the administration on water management in Japan (3)Perceiving the status of the implementation of a local government activities on water management (4)Arrange common tasks and Specific challenge in each country with sharing the information of water environment system among participator</p>	Related organization in the field of water environmental management		
CONTENTS	PROGRAM PERIOD	Nov.23.2009 ~ Dec.5.2009	
<p>Enhance the capacity of handling skill on water pollution at political level in south East Asia and East Asia countries with improving the partnership among these countries</p> <p>(1)•Inception-Report •Introduce a kind of activities on development water environmental laws and monitoring system in each country (2)•Lecture (about water environmental law established in Japan) •A workshop on environmental monitoring system in each country reported by each administrator (3)•Lecture (water environmental monitoring system established in Japan) •A workshop on environmental monitoring system in each country reported by each environment analyst (4)•Problem Analysis Discussion •Problem Analysis Workshop •Propose an Action-Plan (5)•Action plan and Progress report</p>	IMPLEMENTING PARTNER	Institute for Global Environmental Strategies	
	JICA CENTER	JICA Yokohama	
	COOPERATION PERIOD	2009~2011	
	REMARKS		

19.Aid Approach


Improvement in the Capability for using Aid for Central Asia and Caucasus Region 中央アジア・コーカサス地域 援助活用能力向上		R/F	0984086
Target Countries: Central Asia and Caucasus		Aid Approach—Aid Effectiveness/Aid Modalities	
		11 participants	Russian
OBJECTIVE	TARGET ORGANIZATION / GROUP		
(Outcome) To build the capacity of participants such as the ability to find and analyze problems/challenges for utilizing development assistance more effectively and efficiently by observing Japan's experience of economic development and utilising development assistance. (Output) 1. To formulate Inception Report to analyze challenges/problems of utilizing development assistance. 2. To understand Japanese experience of economic development and utilising development assistance. 3. To identify the challenges/problems of utilizing development assistance. 4. To share the challenges/problems of utilizing development assistance in each countries are shared with officers engaging in development assistance in Japan and productive discussion is conducted between the participants and those officers. 5. To formulate concrete Action Plan for utilizing development assistance more effectively and efficiently.	<Target Organization> Forcal agency of recipient development assistance or ministries and government offices related to focusing field of Japanese economic cooperation. <Target Group> 1) Division heads or specialists in the central government in charge of coordinating external aid or in charge of external aid who belongs to the target organization 2) Individuals with 3 or more years of work experience in the above field 3) Aged 45 or younger 4) Individuals who are willing and eager to learn from this training program and to utilize Japanese development assistance		
CONTENTS	PROGRAM PERIOD	Jan.18.2010 ~ Feb.7.2010	
<Before Coming to Japan> 1. Formulation of Inception Report: Formulating and Submitting Inception Report for analyzing challenges/problems <In Japan> 2. Lecturers and discussion 1) Economy, politics, society, history and education of Japan 2) Japanese experience on economic development and utilising aid 3) Japanese case of utilizing aid from World Bank with with self-help efforts 4) Japan's ODA strategy and approach 3. Presentation, workshop and discussion 1) Presentation of Inception Report 2) Project Cycle Management workshop for mastering PCM techniques and for analyzing challenges of national development and utilizing external aid 4. Lecture and discussion 1) Japan's ODA policy and system 2) Discussion with officers engaging in development assistance in Japan 5. Formulation of concrete Action Plan for the effective utilization of aid	IMPLEMENTING PARTNER	TAKUSHOKU University	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2005~2009	
	REMARKS		
	REMARKS		


Knowledge-based Management for Asia アジア地域知識経営セミナー		R/F	0984098
Target Countries: Asian region		Aid Approach—Capacity Development	
		11 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
Japanese leading companies and public organizations which are competitive and resilient, have built initiatives based on the concepts outlined in organizational knowledge creation theory to improve innovation and learning (knowledge-based management). In other words, they are good at sharing individual experiences and knowledge within an organization to connect them to concept development and strategies (organizational knowledge), creating new values and improving the organization continuously to survive in changing environment and to provide best services. Such process is led by "phronetic" leaders who continuously ask themselves "for what does this organization exist?" In this seminar, participant is required to understand what the real leadership is in order to contribute to the organization and the society. The participant will: 1. Understand the concept of knowledge-based management, knowledge creation theory and phronetic leadership, 2. Re-articulate visions of respective organization and re-enforce commitment.	【Target Organization】 Organization which has an important role to play in development of the respective society(not only governmental and public organization, but also include non-governmental, private organizations) 【Target Group】 1. a man of great capacity who is expected be influential in the respective organization and the society (eg, entrepreneur, Key-person of an organization which actively doing CSR) 2. 5 years of experience as a Manager or Leader of an organization 3. A person who has strong motivation and commitment to inovate the organization		
CONTENTS	PROGRAM PERIOD	Nov.21.2009 ~ Dec.1.2009	
<Preliminary phase in home country> The participant is required to study a text and a DVD of case studies, to re-examin the role of the respective organization in the society and its visions and to reflect on himself/herself. <Core phase in Japan> 1. Knowledge-based management -theory and practice- 2. SECI model and concept of Ba 3. Phronetic leadership 4. Case studies (Site visits and discussions) 5. Exercises (observation, conceptualization and modeling) <Core phase in Thailand> 1. Site visits in Doi Tung Development Project (DTDP) 2. Discussions and exchanges with DTDP leaders	IMPLEMENTING PARTNER	Hitotsubashi University Graduate School of International Corporate Strategy	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2007~2009	
	REMARKS		
	REMARKS	Category:Senior Officers (Jun-kokyu)	

International Development and Cooperation 国際開発協力(長期)		L/T	0981137
		Aid Approach—Aid Approach	
		2 participants	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>【Objectives】 To improve the ability of core governmental agencies in the field of international development and cooperation. DID is a course for a major of Economic Development, Rural Development, and Educational and Human Resources Development. DICOS is a course for a major of Law, Politics, and Social Science in Development including Peace Reconstruction, Gender and Development, and Theory of NGO.</p> <p>【Outputs】 (1) To learn the theory and practice of international development. (2) To learn the theory and practice of international cooperation. (3) Overseas and domestic fieldwork (4) To write a thesis as a product of individual research on the basis of the knowledge acquired by course work</p>	<p>【Target Organizations】 Senior Development Officials of Central and Local Government Agencies 【Target Group】 Current Duties: be engaging in the decision of policies and plans of development. Experience in the Relevant Field: have more than 5 years experience in this field. Others: be under 35 years of age, have official certification of English (at least TOEFL 550 in PBT / 213 in CBT / 79 in IBT, or TOEIC 730, or IELTS 6.0).</p>		
CONTENTS	PROGRAM PERIOD	Mar.17.2010 ~ Mar.31.2012	
<p>(1) Development Economics, Development Finance, Rural Development, Endogenous Development and Capacity Building in Rural Area, Educational Development Policies, Educational Development and Cooperation. (Although the courses listed are offered by DID, students of DICOS can take some of them.)</p> <p>(2) Public Policy of Developing Countries, Law and Development Studies, Peacebuilding, Human Security and Law, Development Sociology, Poverty Reduction Strategies. (Although the courses listed are offered by DICOS, students of DID can take some of them.)</p> <p>(3) Overseas Fieldwork, Domestic Fieldwork</p> <p>(4) Seminar</p>	IMPLEMENTING PARTNER	Graduate School of International Development, Nagoya University	
	JICA CENTER	JICA Chubu	
	COOPERATION PERIOD	2008~2010	
	REMARKS	3 seats each are available for both "DID" and "DICOS". Please refer to http://www.gsid.nagoya-u.ac.jp/global/index-en.html for further information.	


Seminar on Evaluation of Japan's ODA Loan Projects 円借款プロジェクト評価セミナー		GROUP 	0980833
Target Countries: Countries eligible for Japan's ODA Loan		16 participants /	English
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>This training course aims that a participant and participating organization, who implement development projects utilizing Japanese ODA loans, will promote knowledge sharing within the organization on project evaluation methods. To achieve the above outcome, the participant and participating organization are required to fulfill the following outputs;</p> <ol style="list-style-type: none"> 1. The participant acquires the knowledge on project evaluation methods, especially for development projects utilizing Japanese ODA loans, 2. The participant completes an evaluation summary sheet for a case study of post project evaluation of Japanese ODA loan project based on the knowledge of project evaluation, and 3. The participating organization will promote disseminating knowledge on project evaluation methods through efforts such as evaluation training, establishing evaluation guideline and so on as proposed in the action plan of the participant. 	<ol style="list-style-type: none"> 1) Division chief level of the government agencies, responsible for Japanese Official Development Assistance (ODA) loan projects (especially in charge of evaluation) 2) University graduates or equivalent academic background, with excellent command of spoken and written English 		
CONTENTS	PROGRAM PERIOD	Nov.8.2009 ~ Nov.21.2009	
<p><Preliminary phase> The participant reads the textbook on project evaluation, completes and submits the exercise distributed by JICA,</p> <p><Core phase in Japan> (1) Introduction of Evaluation Methods ① Project evaluation methods for Japanese ODA loan projects ② Project evaluation methods for technical cooperation projects ③ Evaluation methods of International Organizations ④ Japan's policy evaluation system</p> <p>(2) Workshop on Evaluation Method for Japanese ODA Loan Projects ① Case study on ODA loan project ex-post evaluation ② Introduction of joint evaluation cases of Japan Bank for International Cooperation (JBIC) and implementing agencies, and its effort for M & E capacity development through the joint evaluation ③ Preparing an action plan to enhance evaluation capacity of the participating organization (such as holding an evaluation training or compiling an evaluation guideline), together with the consideration of its feasibility.</p> <p><Final phase> The participant will carry out his/her action plan in his/her organization and report the results to JICA.</p>	IMPLEMENTING PARTNER	N/A (managed directly by JICA)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2006~2010	
	REMARKS		

OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>To learn Human Resources Development(HRD) strategy in Japanese Organizations, the participants will recognize the importance of "Human Capacity (NINGEN-RYOKU)" and "Mindset" which are needed to make use of/exercise skill and knowledge. After that, they will ponder HRD/Human Resources Management(HRM) Strategy in their country grasping basic of the Human Capacity Development. In addition, the participants are requested to expand their interest and concern about HRD/HRM.</p> <p>To achieve the objective, the participants are expected to:</p> <ol style="list-style-type: none"> 1. Understand/analyze/grasp the training needs of participants and organizations that send the participants for the training 2. Clarify effective HRD strategy in an organization and important points when putting it into practice 3. Clarify management strategy for training/education institutions, 4. Propose the overall design of an HRD scheme/revised HRD scheme in respective organizations. <p>This program is focused on human capacity development in the public/private organization. Since this program is NOT focused on a specified sector, organizations from any sector can apply to take part.</p>	<p>[Target Organizations]</p> <ul style="list-style-type: none"> - Public/private institutions providing training programs for trainers, central/local government officials and/or staff of private companies, - Central/local government, government-related organizations, non-governmental organizations, or private companies prioritizing HRD in the organization, - Governmental or government-related research institutes on HRD, or - Governmental organization providing training programs to other developing countries. <p>Rank of invitation: Those in managerial positions or senior personnel.</p> <p>[Target Group] Officials/Instructors/Managers of the Target Organizations (age: 30-55).</p>	
<p style="text-align: center;">CONTENTS</p>	<p style="text-align: center;">PROGRAM PERIOD</p>	<p>Feb.17.2010 ~ Mar.14.2010</p>
<p><Preparatory phase in home country> Participating organization and participant formulate Inception Report including an outline, the issues and brief report on the three year plan of human resource development.</p> <p><Core phase in Japan> The program consists of lectures, workshops, observations, discussions, and report presentation. This program consists of two modules described below. Each module covers a major aspect of HRD and consists of 5 to 11 sub-modules. <Modules> 1.Human Resources Development Strategies in Japanese Organizations - Linkage between the organization vision and education strategy. - Outline of educational types: costs and long term investment. - Reality and challenge of OJT, OFF-JT, and self development through correspondence education and e-learning - Reality and challenge of "Human Education" through job relations - Education for organizational transformation based on Organization Development(OD) - Linkage between HRD and Human Resource Management(HRM) - Implementation of education with communities of practice. - Transformation of HRD 2. Management Strategies of Training and Education Institutions - Semi-governmental institutions providing training programs - Educational institutions providing training programs - HRD programs for public officials - Trainers training programs Participants are required to make an action plan and present it at the end of the program in Japan.</p> <p><Final Phase>: After the program in Japan, the participating organization formulate and submit the Final Report to JICA Tokyo within three months.</p>	<p>IMPLEMENTING PARTNER</p> <p>JICA CENTER</p> <p>COOPERATION PERIOD</p> <p>REMARKS</p>	<p>Keio Research Institute at SFC, Career Resource Laboratory</p> <p>JICA Tokyo</p> <p>2005~2009</p> <p>This course does not cover the planning/designing of training programs.</p>


Japanese ODA Loan Seminar ODAローンセミナー		GROUP  0980835
Target Countries: Countries that are eligible for Japanese ODA loans.		Aid Approach—Aid Approach 22 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>Participants and participating organizations are expected to identify issues that hinder effective use of Japanese ODA loans, and propose and share the measures to improve such issues with relevant parties. To reach this goal, they will achieve the following;</p> <ol style="list-style-type: none"> 1. To understand Japan's development experience and the current ODA policy , 2. To understand the functions of the JICA, Japan's ODA loan strategy and country specific strategy to be able to coordinate with the Japanese side efficiently, 3. To understand the backgrounds and procedures at each step of the project cycle of Japanese ODA loan implementation, and be able to disseminate the information to those involved in the participant's country, and 4. To analyze the issues hindering effective implementation of Japanese ODA loan projects in home country and propose the measures to improve identified issues as an action plan. 	<p>【Target Organizations】 Agencies closely involved with Japanese ODA loan projects, including but not limited to focal agencies and implementing agencies</p> <p>【Target Group】 1. High ranking official (Director of department or above) in the above mentioned organization. 2. Excellent command of English to be able to discuss various topics with peers, lecturers and staff of JICA</p>	
CONTENTS	PROGRAM PERIOD	Feb.14.2010 ~ Feb.27.2010
<p><Preliminary phase in home country> The participant is required to analyze the planning and implementing process of on going or planned ODA loan projects and identify problems or issues. The results of analysis should be compiled as an inception report, whose information will serve as a basis for the draft action plan, which the participant will produce in the core phase of the program.</p> <p><Core phase in Japan> 1. Japan's ODA Policy "Japan's Economic and Social Development", "Japan's ODA Policy" etc, including site visit. 2. Japan's ODA Loan Policy "Functions of JICA", "Japan's ODA loan strategy", "Country specific strategy" etc. 3. Implementation of Japanese ODA Loan Project "Criteria and Process of Project Appraisal", "Special Assistance Facility and Project Cycle of Japanese ODA loans", "Procurement Procedures", "Social and Environmental Considerations", "Debt Management", "Project Evaluation" etc. 4. Formulation of Draft Action Plan "Drafting and presenting the participant's plan of action towards overcoming the problems and issues in ODA loan implementation", "Individual consultations and discussions with relevant people (including fellow participants and JICA officers)"</p> <p><Final phase in home country> The participant is required to share and discuss the draft action plan with officials and authorities concerned in his/her country, finalize the action plan reflecting the results of discussions and submit it to JICA.</p>	IMPLEMENTING PARTNER	N/A (managed directly by JICA)
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008~2010
	REMARKS	Category:Senior Officers (Jun-kokyu)

International Cooperation Seminar for the Central and South American Countries 中南米地域 国際協力セミナー		R/F 	0984170
Target Countries: Central and South American Countries		13 participants /	Spanish
OBJECTIVE	TARGET ORGANIZATION / GROUP		
<p>Objective</p> <p>In order to promote understanding on how to utilize Japan's ODA more strategically and effectively for the sustainable development of participant's country, the participant will achieve the following;</p> <ol style="list-style-type: none"> 1. To understand the policy of Japan's ODA for Latin American Countries (LAC), 2. To understand JICA's cooperation policies for LAC, 3. To understand the fundamental concept of Japan's ODA and discuss the key issue LAC face, and 4. To understand the way of thinking about cooperation programs, JICA's cooperation scheme and implementation flow of cooperation <p>Target Organizations/Group</p>	<p>【Target Organizations】</p> <p>Organization which plays a key role in the coordination of official development assistance and development activities.</p> <p>【Target Group】</p> <ul style="list-style-type: none"> • Director of Department or the similar. • Work experience for 5 years or more in the field of technical or economic cooperation 		
CONTENTS	PROGRAM PERIOD	Jan.17.2010 ~ Jan.27.2010	
<p><Preliminary phase in home country></p> <p>The participant is required to make a country report which analyzes current situation of his/her country regarding the discussion topic presented by JICA .</p> <p><Core phase in Japan></p> <ol style="list-style-type: none"> 1. Lectures and discussions <ul style="list-style-type: none"> • Japan's policy of economic cooperation for LAC • JICA's cooperation strategy for LAC • Overview of JICA's cooperation schemes • JICA's way of thinking about cooperation programs • Individual Consultation 2. Site visit <ul style="list-style-type: none"> • Energy conservation and/or renewable energy 3. Formulation of the output document of the seminar. 	IMPLEMENTING PARTNER	N/A (managed directly by JICA)	
	JICA CENTER	JICA Tokyo	
	COOPERATION PERIOD	2008~2010	
	REMARKS	Category:Senior Officers (Jun-kokyu)	


20.Evaluation

Forum on Institutionalization of Evaluation System in Asia and Africa アジアおよびアフリカ地域評価制度フォーラム		R/F  0984103
Target Countries: Countries having introduced policy evaluation system in Asia and Africa		Evaluation—Evaluation 8 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Program Objective】 A reform strategy to improve evaluation systems to be more useful, reliable and affordable in the policy cycle is formulated by each participant's division/department whose evaluation system needs to be improved and the strategy is systematically shared within the organization.</p> <p>【Module Outputs】 1. Knowledge on evaluation methods to produce timely and useful information is acquired. 2. How to utilize the results of evaluation for better policy formulation and implementation is understood. 3. Challenges of the current monitoring and evaluation system (such as clarification for subjects of evaluation, appropriateness of evaluation questions and collection of suitable information, rationality and feasibility of the evaluation system and feedback to decision making process) are identified and concrete measures for improving the system are proposed. 4. The proposal of concrete measures for improving the current monitoring and evaluation system (Interim Report) is finalized into a Final Report.</p>	<p>【Target Organizations】 The central ministries or local governments in which an evaluation system has been introduced into the policy cycle, but the system needs to be improved.</p> <p>【Target Group】 <Current Duties> Be an official responsible (such as director or deputy director level), who belongs to a division or department in charge of policy formulation and/or monitoring and evaluation at the central ministries or local governments</p> <p><Working Experience> Having experience in formulating and evaluating policies and projects for more than 8 years</p> <p><English skill> Having English skill which is proficient enough for formulating reports and participating actively in discussion</p> <p><Age> Be aged at 30 to 45 at present in principle</p>	
CONTENTS	PROGRAM PERIOD	Feb.25.2010 ~ Mar.12.2010
<p><Preliminary phase in home country> The participant diagnoses the present evaluation system in their organization and compile an inception report.</p> <p><Core phase in Japan> 1. Lectures Concept of evaluation and policy structure, Methods of evaluation, Evaluation Techniques</p> <p>2. Lectures Case studies and Site visit Lectures: Institutionalizing evaluation systems and role of each actor, Utilization of evaluation results in policy cycle, Evaluation capacity development Case studies and Site visit: Policy evaluation in Japan and the relevance of Japanese experiences for developing countries, Evaluation in the local government and the central government (including site visit)</p> <p>3. Workshops and Formulation of Interim Report Workshop: Discussion among participants based on the learnings from lectures, case studies and site visit Report Formulation: Formulating Interim Report to summarize identified challenges in terms of monitoring and evaluation system and devising a strategic plan to improve the system</p> <p><Final phase in home country> Formulating and Submission of Final Report: Participants report and share the strategic plan for improvement proposed in the Interim Report within their organization and discuss on it to finalize the plan. After the discussion, they formulate it into Final Report and submit it to JICA.</p>	IMPLEMENTING PARTNER	N/A (managed directly by JICA)
	JICA CENTER	JICA Tokyo
	COOPERATION PERIOD	2008~2010
	REMARKS	

21.South-South Cooperation

Strengthening for Implementation Capability of Development Training under South-South Cooperation 南南協力での研修実施能力強化		R/F		0984308
Target Countries: Countries where host, or will host South-south cooperation training		20 participants		English
OBJECTIVE	TARGET ORGANIZATION / GROUP			
【Objective】 Issues and directions to implement effective trainings for social and economic development in developing countries are shared among participating organizations. 【Expected Results】 (1)Efforts by JICA and WBI to improve training activities are shared and cleared (2)Joint statement which covers the direction of training reform among participant organization, is created and agreed.	<Target Organization> Training implementing organization under JICA south-south cooperation(Implementing Institution, Aid Agency, etc.) <Target Group> - The responsible person who belongs to a division or department in charge of planning of the Development Training under South-South Cooperation			
CONTENTS	PROGRAM PERIOD	Jan.24.2010 ~ Feb.6.2010		
Share the experience of improving training and the direction of strengthening cooperation among south - south cooperation partner insititutes. (1)Lectures about JICA and WBI's approaches to reform training to facilitate improvement of organizations (2)1) Group discussions on the several issues that participant organizations have reported in advance. 2) Plenary session for summarizing and confirming all the group discussions and approaches. (3)Hold a final session to deepen the group discussions and create Joint statement.	IMPLEMENTING PARTNER	N/A (managed directly by JICA)		
	JICA CENTER	JICA Tokyo		
	COOPERATION PERIOD	2009~2011		
	REMARKS	Category:Senior Officers (Jun-kokyu)		

22. Others

Capacity Building for Policy staff regarding Kyoto Mechanism 京都メカニズム担当者養成コース		GROUP  0980793
Target Countries: Countries other than countries of ANNEX I of the Kyoto Protocol		Others—Others
		10 participants / English
OBJECTIVE	TARGET ORGANIZATION / GROUP	
<p>【Objectives】 Enhancement of capacity of national and local authority staffs in designing policies in relation to the implementation of Kyoto Mechanisms</p> <p>【Outputs】 (1) To deepen the understanding on the influence of greenhouse gas accumulation on climate change (2) To deepen the understanding on the Kyoto Protocol and its flexible mechanisms (3) To deepen the understanding on environmentally friendly technologies, including for the energy conservation and introduction of renewable energies (4) To deepen the understanding on roles to be played by developing countries in implementing the CDM</p>	<p>【Target Organizations】 Designated National Authorities (DNA) or other corresponding organizations like National Focal Points (NFP) and CDM related offices.</p> <p>【Target Group】 Administration officers who belong DNA or other corresponding organizations like NFP and CDM related office.</p>	
CONTENTS	PROGRAM PERIOD	Jun.8.2009 ~ Jul.25.2009
<p>(1) To take lectures on mechanism of climate change (2) • To take lectures on the overview of the UNFCCC and its Kyoto Protocol • To take lectures on each of the flexible mechanisms under the Protocol • To take lectures given by government staff of experienced host countries (such as China and India) on details of their work • To Take lectures regarding tools to use Kyoto Mechanisms (including feasibility studies, capacity building, technology transfer, finance and fund) (3) • To take lectures on efforts being made by Japanese industries and citizens to reduce consumption of energies and resources • To visit sites (plants, etc) where efforts for the energy/resource conservation is actually taking place (4) • To take lectures on the roles of developing countries in the implementation of CDM projects • To learn points of view of the Host Countries • To learn points of view of the Credit Buyer</p>	IMPLEMENTING PARTNER	International Center for Environmental Technology Transfer
	JICA CENTER	JICA Chubu
	COOPERATION PERIOD	2008~2010
	REMARKS	<p>In this program, some lectures will be provided by the lecturers from India or China to understand the role of host countries of Kyoto Mechanism. The lecture from Credit buyer also will be provided in the program.</p>

Ⅲ. Index



(Photo: Kenshiro Imamura)

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