


OUTLINE OF GROUP TRAINING COURSES & TRAINING COURSES SPECIALLY OFFERED IN JAPANESE FISCAL YEAR 21


**OUTLINE OF
GROUP TRAINING COURSES
&
TRAINING COURSES
SPECIALLY OFFERED
IN
JAPANESE FISCAL YEAR 2001**

COURSES STARTING BETWEEN APRIL 2001 AND MARCH 2002

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NOTE

This catalog gives the outline (not all detailed explanation) of each of the "Group Training Courses" and "Training Courses Specially Offered" conducted by JICA in Japan.

It is intended to describe particular points of the respective courses in the limited space of this catalog, and thus some of the common facts and conditions such as follows are not mentioned under each course.

**- common points not mentioned on each page -
(applicable to all courses)**

- 1) **PURPOSE:** to contribute to promotion of mutual understanding
- 2) **CURRICULUM:** Briefing/orientation session, country report, observation/study visit, and wrap-up/evaluation session are basic elements of curriculum.
- 3) **QUALIFICATION OF APPLICANT:**
 - (a) to be nominated by his/her government in accordance with the relevant procedures
 - (b) to have sufficient command of English (as for some courses, French) language
 - (c) to be in good health, both physically and mentally, to undergo the training (Pregnancy is regarded as a disqualifying condition.)
 - (d) not to be serving in the military

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COURSES STARTING BETWEEN APRIL 2001 AND MARCH 2002

**JAPAN INTERNATIONAL COOPERATION AGENCY
(J I C A)**

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SEMINAR ON WOMEN IN ENVIRONMENT AND DEVELOPMENT

Jan 21,2002 - Mar 13,2002, 9participants

「環境と開発と女性」セミナー

J-01-03461

- 1.PURPOSE** Environmental issues are becoming more serious, especially in developing countries. In order to overcome these problems, it is essential to define the role of women in global environmental preservation, as well as in the achievement of sustainable development of countries. By taking the idea of WID (Women in Development) into consideration, this seminar will enable the participants to understand the importance of balancing environmental conservation and national development. It will also help participants implement effective countermeasures against environmental pollution, according to their respective positions (from NGO to government levels)
- 2.MAIN FEATURES OF CURRICULUM** Participants will be able to upgrade their knowledge and capabilities necessary for the management of environmental protection from women's point of view through lectures, discussions and observation. The main themes in the seminar are: (1) global environmental problems (2) environmental administration in Japan (3) measures for living environment control (4) WID (5) public health and reproductive rights (6) environmental history of Kitakyushu City and anti-pollution movement promoted by women (7) environmental impact assessment, and (8) environmental education.
- 3.QUALIFICATION OF APPLICANT** Applicants should be (1) government officers or staff of a non-governmental organisation currently in charge of environmental problems or women's issues (2) with more than 3 years of occupational experience in the field, (3) university graduates or the equivalent, and (4) no more than 45 years of age.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Kyusyu International Centre(2) Kitakyushu Forum on Asian Women
- 5.REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to technical training.

OISCA RURAL LIFE IMPROVEMENT AND COMMUNITY DEVELOPMENT FOR WOMEN

Jan 14,2002 - Dec.17,2002,15participants

オイスカ農村女性のための生活改善と地域開発

J-01-03429

- 1.PURPOSE** The purpose of this course is to provide those who are leading the rural women in community development at the grass-roots level with the skills and knowledge for improvement of daily life and the effective way of extension for the fellow rural women in the community. The participants are expected to contribute to empowerment of rural women and community development through practical and organization skills acquired after the training
- 2.MAIN FEATURES OF CURRICULUM** Trainees are expected to acquire the skills and knowledge for improvement of rural life and empowerment of rural women to make contributions to the development of agricultural village society in their respective countries (1) Advance preparation, Intensive Japanese language training Japanese life-style in rural areas. (2) Practical skills for rural life improvement; Agriculture Improvement, Nutrition/Hygiene improvement, Improvement of clothing for labor hygiene. (Through the training course of (2), the trainees are expected to understand the roles of extensionists who work for rural women and effective management of extension activities.) (3) Promoting women's participation in development process; Exchange of views with women's organizations about the related topics mentioned below (the activities of each women's group, income generation, organizing women's groups) (4) Development of action plan. Drawing up and presentation of action plans.
- 3.QUALIFICATION OF APPLICANT** (1) No less than the level of high school graduates or the equivalent level of academic learning. (2) those who are 20 years old or more, and 30 years old or less (3) to have at least two-year practical experience of agricultural extension work and/or experience of home living improvement extension work as a field-level extensionists or as a woman leader of a community. (4) to be committed to work in the future after the training as extension workers or leaders in rural development
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1) Shikoku Branch office(2) OISCA Shikoku Training Center
- 5.REMARKS** Japanese lessons(approx.3 months)

DEVELOPMENT POLICIES

May.10,2001 - Oct 12,2001, 12participants

開発政策

J-01-00171

- 1.PURPOSE** The purpose of the course is to train participants to apply development economics to development planning in their respective countries. Through the course, participants are expected to (1) deepen knowledge regarding economic development in general, national and regional development planning, and theory of project appraisal, and (2) to be able to write a research paper (final paper) based on the knowledge and techniques gained in the course.
- 2.MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the course. (1) macroeconomics and development economics, (2) theories and techniques of micro project planning, (3) Japanese economic development and policies, (4) basic and current development issues, (5) introduction to empirical analysis (6) seminar on development economics, (7) field trip and study visits, (8) final paper writing. All participants are required to write a research paper based on the knowledge and techniques of economic analysis
- 3.QUALIFICATION OF APPLICANT** Applicants should: 1) be engaged in the planning or implementation of national or regional development projects and policy, and preferably be under 35 years of age, (2) have an undergraduate degree in economics or business administration as well as basic experience and knowledge regarding development policies, (3) have a good background of mathematics, (4) have a sufficient command of English (scoring more than 550 on the TOEFL or its equivalent)
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Int'l Development Center of Japan
- 5.REMARKS**

SEMINAR ON PROJECT APPRAISAL FOR INDUSTRY AND SME'S DEVELOPMENT

Jun 4,2001 - Jul 20,2001, 10participants

工業プロジェクト評価と中小企業育成セミナー

J-01-03528

- 1.PURPOSE** under planning
- 2.MAIN FEATURES OF CURRICULUM** This seminar is forwarded, through the program, with review of latest issues and lectures on linkage between the theory and practical application on (i) project appraisal, and (ii) economic development planning. For active participation by the participants, all the sessions are lecture-cum-discussion, which means each participant is expected to present his/her own knowledge and experience during the sessions
- 3.QUALIFICATION OF APPLICANT** Participant should (1) have over eight (8) years' work experience in the fields covered by the seminar; (2) be university graduates or equivalent; (3) have a sufficient command of written and spoken English, desirably qualified for more than 550 points of TOEFL scores or equivalent. If possible, attach the score sheet to nomination form; (4) be between thirty-seven (37) and forty-five (45) years of age; (5) have no previous experience in studying in Japan more than six months; (6) be nominated by their governments in accordance with the procedures mentioned in IV. below, (7) be in good health, both physically and mentally, to undergo the training, and (9) not be serving in the military
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hachioji International Training Centre(2) Int'l Development Center of Japan
- 5.REMARKS**

SEMINAR ON INTRODUCTION TO JAPAN'S ODA AND JICA'S ACTIVITIES

Jul 3,2001 - Jul 29,2001, 10participants

日本のODA及びJICA事業紹介セミナー J-01-03328

- 1.PURPOSE** This seminar is designed: (1) to familiarize participants with the policy and programmes of Japan's ODA; (2) to familiarize participants with the concept, mechanism, and procedures of programmes of JICA; (3) to familiarize participants with the abstracts of the activities of other Japan's ODA institutes; (4) to expose participants to Japan and the Japanese people to develop friendship and mutual understanding
- 2.MAIN FEATURES OF CURRICULUM** The following topics will be covered in the seminar: (1) general introduction to Japan and the Japanese people (2) general introduction to Japan's ODA system (a) Ministry of Foreign Affairs and Japan's ODA policy (b) JICA and her role (c) Japan Bank of International Cooperation (JBIC) and her role (3) introduction of JICA's each department (a) activities of each department (b) programmes and procedures (4) Project Cycle Management Method (5) Sightseeing (Kyoto, Hiroshima)
- 3.QUALIFICATION OF APPLICANT** Applicants should: (1) be nominated by their government (2) be official in the rank of director of the division in charge of administration of development assistance programme implemented with Japanese Government, preferably with JICA (3) have a sufficient command of spoken and written English (4) be in good health, both physically and mentally, to undergo the training (5) not be serving in the military
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Japan International Cooperation Center
- 5.REMARKS**

ENTERPRISE NETWORKING REGIONAL DEVELOPMENT

Oct.23,2001 - Dec 11,2001,10participants

企業ネットワークによる中小企業振興 J-01-03419

- 1.PURPOSE** The training will help the participants formulate the strategies to organize enterprise networking systems in local communities of developing countries. The participants will be introduced to: (1) the significance of local industries in national economic development in Japan (2) the methods of promoting local industries as a core of regional development and (3) the applicability of the concept of enterprise networking in participating countries.
- 2.MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the course: (1) concept of local industries (2) development of local industries in Japan (3) various methods of creating enterprise networking (4) role of local government in promoting enterprise networking (5) role of private sector initiatives in maintaining and developing enterprise networking and (6) training materials which will emphasize field trips by which the participants will have ample opportunity to observe existing enterprise networking in metal processing and textile industries in Niigata Prefecture, Japan
- 3.QUALIFICATION OF APPLICANT** (1) currently working on the planning or implementation of local or regional industrial development projects and policy or those who are actively engaged in management of economic organization of public character, and preferably over 30 and under 40 years of age (2) university graduate or equivalent
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Japan International Cooperation Agency
- 5.REMARKS**

PROJECT PLANNING AND MANAGEMENT IN PARTICIPATORY LOCAL SOCIAL DEVELOPMENT

Oct 1,2001 - Nov.12,2001, 8participants

参加型地域社会開発のプロジェクト計画・管理 J-01-03489

- 1.PURPOSE** To provide with theories and practices of "Participatory Local Social Development" that aims to integrate people's participatory approach and particular characteristics of a local community/society system. It is expected to improve the effectiveness of local social development projects in developing countries.
- 2.MAIN FEATURES OF CURRICULUM** The course consists of lectures, group discussions, workshops and field trips as follows. The participants participate in workshops, group discussions and field trips, so that they learn practical cases. (1) people's participatory approach with analytical framework of local community/society system (2) introduction and analysis of sector-wise local social development projects (environmental protection, local welfare, poverty prevention, health case strategy and women in development) (3) the participants' presentation of case studies of local social development projects in developing countries (4) introduction of case studies of Japanese local social development projects and Japanese local activities (5) introduction of participatory project management method and its workshop (6) workshops to improve local social development projects in participants' countries (7) field trips at sites of local projects and activities in Japan
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent scholarly background with occupational experience of more than 3 years (2) governmental officials (especially, regional or local governmental officials) or non-governmental organizations' staffs (3) between twenty-eight '28' and forty-five '45' years of age. (4) Engaged in JICA's project for participatory development.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Chubu International Centre(2) Nihon Fukushi University
- 5.REMARKS**

PARTICIPATORY LOCAL SOCIAL DEVELOPMENT;THEORIES AND PRACTICES

Feb 4,2002 - Mar.25,2002,10participants

参加型地域社会開発の理論と実践 J-01-03352

- 1.PURPOSE** To provide with theories and practices of "Participatory Local Social Development" that aims to integrate people's participatory approach and particular characteristics of a local community/society system. It is expected to improve the effectiveness of local social development projects in developing countries.
- 2.MAIN FEATURES OF CURRICULUM** The course consists of lectures, group discussions, workshops and field trips as follows. The participants participate in workshops, group discussions and field trips, so that they learn practical cases (1) people's participatory approach with analytical framework of local community/society system (2) introduction and analysis of sector-wise local social development projects (environmental protection, local welfare, poverty prevention, health case strategy and women in development) (3) the participants' presentation of case studies of local social development projects in developing countries (4) introduction of case studies of Japanese local social development projects and Japanese local activities (5) introduction of participatory project management method and its workshop (6) workshops to improve local social development projects in participants' countries (7) field trips at sites of local projects and activities in Japan
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent scholarly background with occupational experience of more than 3 years (2) governmental officials (especially, regional or local governmental officials) or non-governmental organizations' staffs (3) between twenty-eight '28' and forty-five '45' years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Chubu International Centre(2) Nihon Fukushi University
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one week (25 hours).

GENERAL MANAGEMENT SEM.FOR REGIONAL DEVELOPMENT & PLANNING

Oct 22,2001 - Dec.15,2001, 7 participants

地域開発計画管理セミナー

J-01-00586

- 1.PURPOSE** This course is designed to provide the participants with a practical knowledge and wide-range perspectives for planning and management of regional development policies through the effective combination of case studies, lectures, discussions and field-trips regarding regional development in Hokkaido
- 2.MAIN FEATURES OF CURRICULUM** Main themes of this course are as follows: (1) How to plan and manage regional development policy through studying several projects in Hokkaido (2) the various methods of planning and promoting local-level projects, (3) the basic knowledge of close relation between development planning and environmental problems, (4) the basic policy and systems for regional development in Hokkaido
- 3.QUALIFICATION OF APPLICANT** (1) engaged in the planning or implementation of national or regional development projects and policy (2) have business experience in the field of Regional Development Administration for more than two years, (3) university graduate or equivalent (4) over 25 and under 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hokkaido International Centre,Sapporo(2) Hokkaido Development Bureau
- 5.REMARKS**

ASOSAI WORKSHOP

no executed in FY 2001

A S O S A I ワークショップ

- 1.PURPOSE** The purpose of this WORKSHOP is to provide forum for ASOSAI training specialists to seek concepts, mandates, and methodologies of audit of revenue and fraud awareness in ASOSAI member SAs and ,on the basis of such discussions, to prepare training materials on these topics
- 2.MAIN FEATURES OF CURRICULUM** The tentative programme includes plenary session on the sub-themes, sub-group discussions, and observation tours.
- 3.QUALIFICATION OF APPLICANT** should be senior officials of the Supreme Audit Institutions of ASOSAI (Asian Organization of Supreme Audit Institutions) member countries who are either IDI (INTOSAI Development Initiative) Certified Training Specialist or have expertise knowledge and audit experiences on the Workshop topics.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Board of Audit Japan
- 5.REMARKS**

CORRUPTION CONTROL IN CRIMINAL JUSTICE

Oct.29,2001 - Dec.2,2001, 12participants

汚職防止刑事司法支援

J-01-03375

- 1.PURPOSE** In the developing countries of the Asia-Pacific region, which are seeking to introduce a market economy and participate in the global economy, the frequency among public officials of cases of bribery and abuse of authority is a serious obstacle to the development of the market economy. The present course for officials in charge of criminal law administration in these countries, where corruption is a current problem, offers lectures on anti-corruption legislation and its enforcement, and discussion meetings with police inspectors and public prosecutors attached to special investigation departments dedicated to uncovering corruption. By thus transferring Japanese knowledge and expertise of regulation and enforcement in this field, it is hoped to contribute to the establishment of a complete legal framework and effective enforcement in developing countries.
- 2.MAIN FEATURES OF CURRICULUM** The course will consist of lectures, discussions, and observation. (1) Japan's criminal justice system and its enforcement (lecture) (2) Japan's system for prevention of corruption and its enforcement (including system for maintenance of ethical standards among public officials; lecture and discussion) (3) Measures to prevent bureaucratic crime; investigation and trial thereof (lecture and discussion) (4) Role of international cooperation in crime prevention (lecture and discussion) (5) Observation and lecture on institutions of criminal justice (observation and lecture)
- 3.QUALIFICATION OF APPLICANT** Applicants should: (1) be government officials engaged in the formulation of legislation relating to the prevention of corruption, police officers engaged in the investigation and trial of corruption cases or other investigators, prosecutors, judges or government officials engaged in the maintenance of ethical standards among public officials (2) have at least eight years' experience in the relevant field (3) have a level of education equivalent to university graduation (4) be no more than 50 years old (5) have a sound knowledge of English (6) be core staff of middle rank
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Osaka International Centre(2) UNAFEI
- 5.REMARKS** Course offered for the first time in fiscal year 1998

FIRE PREVENTION TECHNIQUES

Sep.17,2001 - Dec 3,2001, 6participants

火災予防技術

J-01-00696

- 1.PURPOSE** To upgrade the knowledge about the Japanese administration for fire fighting and disaster prevention and the activities to prevent fires and natural disasters
- 2.MAIN FEATURES OF CURRICULUM** The emphasis is put on lectures, practical training and observations. The main themes are; (1) Japanese legislation and administration of fire services and preventing disasters in Japan (2) system to prevent fires in advance; measures for fire prevention at buildings, legal system governing fire inspection granted to fire service organizations, measures for fire prevention on dangerous objects, measures for investigation of fire causes (3) system to prevent natural disasters
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent with occupational experience (2) administrative officer or candidate for it, who is presently engaged in planning/drafting of Fire Service System, or in administrative section for Fire Service Implementation (3) not more than 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Chubu International Centre(2) Nagoya City Fire Bureau
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks (25 hours).

INTERNATIONAL FORENSIC SEMINAR ON COUNTERFEIT CURRENCY

Feb.26,2002 - Mar.16,2002, 5 participants

偽造通貨に関する国際法科学セミナー

J-01-03434

- 1.PURPOSE** The purpose of the seminar is to provide the participants with the skills and methods of identification of counterfeit currency, as well as to reinforce the effectiveness of the scientific investigation to previously prevent counterfeit currency from being distributed in each participating country.
- 2.MAIN FEATURES OF CURRICULUM** (1) Printing methods of paper currency and observation of printing factories. (2) Identification methods of paper currency and its practice (3) Information and views exchange on counterfeit currency (4) Analysis methods of currency and its practice (5) Application of the picture processing by using computers
- 3.QUALIFICATION OF APPLICANT** Applicants should (1) be the nucleus researchers in the law science research institutes (2) have more than 5 years of occupational experience (3) be university graduates or have the equivalent academic background (4) be currently engaged in the identification and analysis of currency
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) National Research Institute of Police Science
- 5.REMARKS**

RESCUE TECHNIQUES

Jul.16,2001 - Oct.14,2001, 10 participants

救急救助技術

J-01-00342

- 1.PURPOSE** The purpose of the course is to provide participants with opportunities to acquire high-level knowledge and skills in rescue operations in Japan so that they can subsequently enhance the rescue techniques of training personnel engaged in rescue service in their respective countries.
- 2.MAIN FEATURES OF CURRICULUM** This course will be conducted mainly in the form of rescue practice on the following subjects: (1) physical strength development method (2) rope knotting (3) ascending, descending and traversing by rope (4) usage of rescue tools (5) entry technique (6) rescue technique (7) searching technique (8) first aid
- 3.QUALIFICATION OF APPLICANT** (1) have a sufficient experience in rescue service and expected to play key roles in this field (2) expected to become a leader in the field of rescue service (3) under 30 years of age in principle
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Osaka International Centre(2) Osaka Municipal Fire Department
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks.

TRAFFIC POLICE ADMINISTRATION (SEMINAR)

no executed in FY 2001

交通警察行政研修

- 1.PURPOSE** The purpose of the seminar is to broadly introduce traffic police administration in Japan to participants through lectures and technical visits, and also to provide opportunities to exchange information on traffic police in participating countries and to study measures to solve traffic problems of their mutual concern, thus to contribute to the betterment of traffic police administration in the developing countries
- 2.MAIN FEATURES OF CURRICULUM** This seminar covers the following topics: (1) Japanese Police System (2) Chronological Summary of Road Traffic Measures (3) Subjects related to Traffic Planning Division (4) Subjects related to Traffic Enforcement Division (5) Subjects related to Traffic Management and Control Division (6) Subjects related to Urban Traffic Control Division (7) Subjects related to Driver's Licence Division (8) Technical Visits (9) Participants Country Report Presentation
- 3.QUALIFICATION OF APPLICANT** (1) a director or a chief police superintendent who supervises or is dealing with traffic police affairs in the central police organization (2) university graduates or their equivalent
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) National Police Agency
- 5.REMARKS**

AUDITING ON PUBLIC WORKS

Feb 4,2002 - Mar.17,2002, 8 participants

公共事業会計検査

J-01-00709

- 1.PURPOSE** The purpose of this seminar is to give auditors of Supreme Audit Institution (SAI) an opportunity to study and discuss various aspects of public works audit and to contribute to the improvement of their audit capability in this field. The seminar is to provide participants with basic knowledge of public works in Japan, to introduce Board of Audit of Japan's audit methodology and findings on public works, and thus to enhance participants' audit abilities
- 2.MAIN FEATURES OF CURRICULUM** (1) Government administrative system, budget system and accounting system in Japan (2) Government audit system in Japan (3) Basic knowledge of public works - policy, implementation, management, etc. - in Japan (4) Public works audit - methodology and audit findings (5) Exercise of public works audit methodology in the Annaka Training Center (6) Discussion on public works audit (7) Observation of public works funded by the government
- 3.QUALIFICATION OF APPLICANT** Applicants should: (1) be officials of the Supreme Audit Institution, who have no less than ten years of audit experience, (2) be those who possess basic knowledge of public works, and have been or will be engaged in public works audit. (3) have a good command of spoken and written English, (4) be under forty (40) years of age, (5) be in good health, physically and mentally, to undergo the training, and (6) not be serving in the military.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hachioji International Training Centre(2) Board of Audit Japan
- 5.REMARKS**

GOVERNMENT ADMINISTRATION IN DEVELOPMENT

May.15,2001 - Jun 24,2001, 9participants

行政と開発

J-01-00644

- 1.PURPOSE** The main purposes of this course are: (1) to assist participants in seeking better ways to improve public administration in order to assure efficient policy formation by introducing Japanese experiences and recent Asian movement, and (2) to bestow participants a broad range of basic knowledge regarding modern public administration practices and fundamental policies to contribute toward economic and social development of participating countries in reference to Japanese experiences.
- 2.MAIN FEATURES OF CURRICULUM** This course focuses on the following topics: (1) public administration in Japan-lectures and case studies (a) public administration and civil service system (b) local autonomy system (2) Japanese development and fundamental policies-lectures and case studies (a) role of public administration in modernization process (b) education system and human resource development (c) financial management (d) industrial policy and economic growth (e) agricultural development (d) infrastructure building (3) development strategies in participants' countries-lectures (a) role of public administration for development (b) Asian development model revisited-discussion (a) major administrative, economic or social problems faced by the participants' government and countermeasures (4) fundamental policy areas for development "framework analysis"-lectures and case studies (a) human resource management (b) efficient management (c) economic development and environment conservation. And each participant is offered an occasion to visit government offices relating to this training course
- 3.QUALIFICATION OF APPLICANT** (1) to be a government officer at a level of division assistant directors in principle, promising to be a senior member of the staff in the national government offices, and be involved in policy formation (2) to have a university degree or the equivalent, with occupational experience of three years or more in public administration (at least two years experience in the national government) (3) not less than 28, and not more than 38 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) National Personnel Authority
- 5.REMARKS**

MANAGEMENT OF PUBLIC ADMINISTRATION

Feb.5,2002 - Mar.9,2002, 7participants

行政管理

J-01-00580

- 1.PURPOSE** The purposes of this course are to introduce Japanese experiences of public management, comprehensive coordination for policies to the participants, and to assist them in considering ways for better public management through lectures, report-presentations, discussions and field trips
- 2.MAIN FEATURES OF CURRICULUM** This course is programmed for participants to increase knowledge on public management. Subjects of lectures are as follows: (1) politics, public administration, justice (outline) (2) detail on public administration (budget, audit, personnel system, local government system) (3) management of public administration (public administration reform, management of organization structure and the number of staff, administrative inspection system)
- 3.QUALIFICATION OF APPLICANT** (1) a national government official having an occupational experience in the field of public management, (2) university graduate or equivalent, (3) over 25 but under 45 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Policy Plan div dir gen's Sec MPHP
- 5.REMARKS**

SEMINAR ON INTERNATIONAL TERRORISM INVESTIGATION

Sep 9,2001 - Sep 23,2001,10participants

国際テロ事件捜査セミナー

J-01-03379

- 1.PURPOSE** The seminar is designed for those who are leaders, in charge of international terrorism prevention and investigation in order to discuss international terroristic situation and anti-terrorism measures. Through the seminar, participants are expected to: (1) acquire overall understanding of the organization of Japanese police system and of countermeasures of international terrorism investigation by means of case study, (2) acquire knowledge and skills for international terrorism investigation in general through lectures and discussion on international terroristic situations and countermeasures of terrorism in their countries, and (3) deepen mutual understanding and establish cooperative relationship among participants in order to promote international cooperation for investigating terrorists and preventing international terrorism.
- 2.MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the seminar: (1) participants' presentation and discussion of international terroristic situation and anti-terrorism measures (2) organization and current state of Japan's police system (3) Terroristic situation and anti-terrorism measures in Japan (4) Observation visit to related facilities
- 3.QUALIFICATION OF APPLICANT** (1) director of division or in a position equivalent to this, in charge of international terrorism prevention and investigation in the national police or the security organization of the Ministry of Home Affairs (2) approximately a police superintendent or in a higher rank
- 4.JICA CENTER / TRAINING INSTITUTIONS** ((1)Tokyo International Centre(2) Security Bureau, National Police Agency
- 5.REMARKS**

SEMINAR ON CRIMINAL IDENTIFICATION

Jan 14,2002 - Feb.10,2002, 7participants

国際鑑識セミナー

J-01-00596

- 1.PURPOSE** This seminar aims at meeting the requests from abroad to transfer the identification techniques by systematically introducing Japanese identification activities in criminal investigation including advanced science techniques and collection of evidence at a crime scene, through lectures and practical training with the emphasis on case studies.
- 2.MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on workshop practice at laboratory experiments and introduction of Japanese experience through (1) lectures and observations for outlining the system of scientific criminal identification in Japan, (2) practical training in identification activities applicable to criminal investigation
- 3.QUALIFICATION OF APPLICANT** Senior police officer (1) in charge of criminal identification or investigation in central police organization (2) in a position to give instruction in identification techniques acquired through this seminar (3) university or college graduate, or the equivalent (4) over 30 and under 45 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Osaka International Centre(2) Int'l Research&Training Inst for Criminal Invest. (3) Identification Division
- 5.REMARKS**

SEMINAR FOR SENIOR POLICE MANAGERS

no executed in FY 2001

国際警察トップリーダーズセミナー

- 1.PURPOSE** The purpose of this seminar is to recognize which course police organizations in participants' countries should direct in future through the brilliant discussions by decision makers from the police organizations
- 2.MAIN FEATURES OF CURRICULUM** This seminar covers the following topics: (1) Participants' presentation on a current problem that the police organization is facing or a singular incident or crime. (2) Lectures related to the participants' topics in their presentation paper. (3) Observation tour
- 3.QUALIFICATION OF APPLICANT** (1) be a director of department in the central police organization, or in a higher position to this, (2) be a police colonel, senior superintendent or chief superintendent, or in a higher position (3) be over 40 and under (approx.) 50 years of age and have police career for more than 15 years, (4) have a sufficient command of spoken and written English to participate in effective discussions
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Int'l Research&Training Inst.for Criminal Invest.
- 5.REMARKS**

SEMINAR ON CRIMINAL INVESTIGATION II

Apr.3,2001 - Apr 29,2001, 9participants

国際捜査セミナーII

J-01-03453

- 1.PURPOSE** The purpose of the seminar: The seminar aims to provide the executive police officers from the participating countries with knowledge and techniques of the Japanese police; organization, investigation methods and equipment in Japan, and to build ultimate cooperative investigation network among the countries by means of presentation and discussion on the current situation and problems of each country in the field of criminal investigation. The seminar, particularly this year, will focus on "International Cooperation for Criminal Investigation" in cases such as offenses of drugs, firearms and people, as well as cooperation between the National Police in general. The various police activities in Japan will also be another major topic to be studied
- 2.MAIN FEATURES OF CURRICULUM** The following subjects will be covered in this seminar. 1. Lecture (1) Outline of the Japanese police (2) International Cooperation for Criminal Investigation (3) International cooperation for criminal investigation from Judicial viewpoint. (4) International Cooperation of the FBI 2. Participants' Presentation and Discussion (1) Outline of police organization (2) International cooperation for criminal investigation 3. Observation of the Related Facilities (1) Fingerprint Identification Center (2) Communications Command Office, Traffic Control Center (3) Activities of criminal identification 4. Study Trip to the Prefectural Police
- 3.QUALIFICATION OF APPLICANT** (1) be directors, or in the equivalent position of the division in charge of international cooperation for criminal investigation in the central police organization, and who are promising to be the highest-ranking official in each police organization, (2) be between 35 and 50 years of age, (3) have a sufficient command of English in speaking, reading and writing, (4) not have participated in the same kind of seminar/course hosted by either National Police Agency of Japan or JICA in the past, (5) not be serving in the military and not to currently belong to the organization under Army, Navy and Air Force.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Int'l Research&Training Inst for Criminal Invest.
- 5.REMARKS**

SEMINAR ON INTERNATIONAL LAW ENFORCEMENT COOPERATION

Feb 5,2002 - Feb 24,2002, 14participants

国際捜査協力セミナー

J-01-03340

- 1.PURPOSE** Through the seminar participants are expected to: (1) understand the present situation of organization and activities of the Japanese police, (2) understand the international tendency and Japanese countermeasures against high-tech crime, (3) understand information network system for the international investigation, and (4) promote mutual relationship and cultivate international solidarity and cooperative spirit
- 2.MAIN FEATURES OF CURRICULUM** (1) Lectures and exercise a. The framework of international law enforcement cooperation b. The actual situation of high-tech crime c. Exercise at National Police Academy (2) Presentation of the Country Report by participants a. Laws and its application of the international law enforcement cooperation in participating countries b. Actual situation, problems and countermeasures against high-tech crime (3) Visits a. Metropolitan Police Department or other Prefectural Police (including KOBAN) b. National Police Academy
- 3.QUALIFICATION OF APPLICANT** (1) be nominated by their government in accordance with the procedures mentioned in IV-1 below. (2) be executive police officers in a rank of superintendent of higher who are engaged, or are expected to be engaged in the near future, in the international crime investigation with more than 10 years of working experience, and who are interested in or concerned with high-tech crime in particular (3) have a sufficient command of English in speaking, reading and writing (4) be between 35 (thirty-five) and 50 (fifty) years of age. (5) be in good health both physically and mentally to undergo the training. (6) not be serving in the military and not to currently belong to the organizations under Army, Navy or Air Force
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Int.communications Bureau, National Police Agency
- 5.REMARKS**

IMMIGRATION CONTROL ADMINISTRATION (ASIAN COUNTRIES)

Oct.1,2001 - Nov 7,2001, 8participants

出入国管理行政 (アジア諸国)

J-01-03477

- 1.PURPOSE** The purpose of this course is to provide participants with practical knowledge and training on immigration control administration introducing the Japanese system, in order to contribute to the development of immigration control and mechanism of regional network in participating countries of Asia
- 2.MAIN FEATURES OF CURRICULUM** In this course, the following major subjects will be covered through lectures, discussions and observation trips: (1) law and regulation system, control administration mechanism (2) inspection service (3) computer service (4) document identification service (5) theme study
- 3.QUALIFICATION OF APPLICANT** (1) immigration officer (2) over 7 years' experience (3) under 40 years of age (4) university graduate or equivalent
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Osaka International Centre(2) Osaka Regional Immigration Bureau
- 5.REMARKS**

FIRE FIGHTING TECHNIQUES

Jul 2,2001 - Oct 19,2001, 10participants

消火技術

J-01-00362

- 1.PURPOSE** The main purposes of this training course are as follows: (1) to enable participants to understand the outline of the organization, systems and roles of fire service administration, as well as the present situation of various disasters in Japan. (2) to help participants acquire knowledge and techniques to rescue people and extinguish fires such as high-rise building fires, hazardous and petroleum material fires, mountain fires, forest fires, ship fires and aircraft fires, at the early stage by commanding fire-fighting units on the ground, utilizing various fire engines, fire-fighting techniques and equipment.
- 2.MAIN FEATURES OF CURRICULUM** The course will be conducted in the form of lectures, practical training, visits, study trips, and presentation of Country Reports. Lectures will be given mainly by using textbooks and audio visual equipment such as video tapes and films. Practical training will be conducted by utilizing all kinds of fire engines, fire fighting equipment and tools. The training course is programmed to provide following knowledge and techniques: (1) rescuing people from different types of fires promptly and controlling fires by commanding fire fighting units effectively (2) roles and functions of fire engines and equipment in Japan (3) outline of the history and systems of fire service administration in Japan (4) present situation of disasters and measures to cope with disasters caused by urbanization (5) roles of fire service organizations and activities of fire fighting personnel in Japan (6) fire service administration of the participating countries by comparing and discussing the present situation of fire service administrative activities of respective countries
- 3.QUALIFICATION OF APPLICANT** (1) presently engaged in fire service, have at least five years' experience (2) university graduate or the equivalent (3) 40 years of age or less
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Kyusyu International Centre(2) Kitakyushu City Fire Department
- 5.REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training.

FIRE SERVICE ADMINISTRATION

Sep 5,2001 - Nov 14,2001, 8participants

消防行政管理者

J-01-00579

- 1.PURPOSE** This course is to provide the administrative officers, who are engaged in fire fighting and disaster management, the following method as a whole. Management and coordination for the Japanese organization, system, education and so on. The course will be conducted through the lecture, observation and have the time to investigate the issues from the respective countries for the purpose of resolving, as well as of contributing to the development of the above management for the countries concerned.
- 2.MAIN FEATURES OF CURRICULUM** (1) By the end of the course, participants are expected to gain a better understanding of the following subjects; (a) Measures for strengthening Administrative Functions, Effective Administrative System in Fire Service and Fire Fighting (b) The System and management of Disaster Prevention currently in Japan (c) Countermeasures for the Fire Prevention (d) Collecting and Transmission System for Disaster Information (2) Above course will be carried out through lectures, observations, discussions, study tours and so forth
- 3.QUALIFICATION OF APPLICANT** Applicants should: (1) be administrative officers who are currently engaged in fire fighting or disaster prevention in the Government or municipalities (2) be university graduates or equivalent with occupational experience (3) be and over 25 years and not more than 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Fire and Disaster Management Agency
- 5.REMARKS** The course does not include Japanese Intensive Course. Above course will be jointly carried out with past two courses below; Fire Service for Administrative Officer, Disaster Prevention Management

ADVANCED COURSE FOR SENIOR POLICE ADMINISTRATORS

Jun.19,2001 - Jul.15,2001, 10participants

上級警察幹部研修

J-01-03118

- 1.PURPOSE** The purpose of the course is to introduce the Japanese police organization, its management system and countermeasures against crimes, to the police officers in the rank of superintendent or above, who are expected to be the senior executives in their police organization in the future. It is also aimed to enhance the improvement of the police organization system in each country through discussion on the current problems in respective countries. Through the training course, participants are expected to. (1) understand the organization, the management system and countermeasures against crimes of Japanese police, (2) gain a wider perspective required to senior executives by means of presentation and discussion, and (3) deepen mutual understanding and cultivate a sense of international solidarity and cooperative spirits among participants.
- 2.MAIN FEATURES OF CURRICULUM** 1. Lectures (1) Outline of the Japanese police (2) Management of organization (3) Criminal investigation (4) Police activities in the community (5) Others (Japanese criminal proceedings) 2. Presentation Participants are requested to make a presentation based on their Presentation Paper. * Refer to Annex for detailed instructions. 3. Observation Fingerprint center of NPA, Prefectural police headquarters, Police school, Police station, Police box (KOBAN) and residential police box (CHUZAISHO)
- 3.QUALIFICATION OF APPLICANT** (1) be an assistant director of division or in a higher position, who is expected to be a senior executive in the police organization in the future, (2) be in the rank of superintendent or above (age between 35 to 45 years old), (3) not have participated in the same kind of course / seminar hosted by either National Police Agency of Japan or JICA in the past, (4) have a sufficient command of spoken and written English, (5) be nominated by their government in accordance with the procedure mentioned in IV below, (6) be in good health, both physically and mentally, to undergo the course, and (7) not be serving in the military.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Int'l Research&Training Inst for Criminal Invest.
- 5.REMARKS**

SEMINAR ON NATIONAL GOVERNMENT ADMINISTRATION (SENIOR CLASS OFFICIALS)

Nov.1,2001 - Dec.9,2001, 9participants

上級国家行政セミナー

J-01-00320

- 1.PURPOSE** The purposes of this seminar are: (1) to introduce participants to recent trends in public administration and policy formation (2) to assist them in considering flexible and appropriate methods of policy formation and its implementation at various stages of socioeconomic development.
- 2.MAIN FEATURES OF CURRICULUM** As the targeted period of development, this seminar focuses on the launching stage of modernization referring to the Japanese experience in the period of her rapid economic growth after World War II. It covers the following topics (1) socioeconomic development and government administration in Japan (a) seminar on government organization, civil service system, socioeconomic development, administrative reform and efficient management (b) case study on industry, finance and infrastructure (c) observation at government institutions and industrial facilities (2) socioeconomic development and government administration in developing countries (a) seminar on socioeconomic development in developing countries and Asian development models (b) presentation and discussion on civil service system and socioeconomic development (c) concluding discussion on appropriate behavior for civil servants in the development process
- 3.QUALIFICATION OF APPLICANT** (1) senior class official (division director or above) involved in policy formation in the national government offices (2) university graduate or equivalent, with occupational experience of more than ten years (at least two years of which in the government) (3) between 40 and 50 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) National Personnel Authority
- 5.REMARKS**

SEMINAR ON GOVERNMENT HUMAN RESOURCE MANAGEMENT (SENIOR CLASS OFFICIALS)

Sep 4,2001 - Sep 30,2001, 9 participants

上級人事管理セミナー

J-01-00569

- 1.PURPOSE** This seminar introduces participants to the current human resource management policy of the Japanese government, which contributes to national development. Although the actual framework of human resource management varies from country to country, understanding human resource management in Japan may be of great help in identifying crucial problems of human resource management in other countries. The purpose of this seminar is thus to assist participants in forming policies of human resource management which are suitable for their own country's circumstances.
- 2.MAIN FEATURES OF CURRICULUM** The following topics will be covered in the seminar (1) overview of human resource management (HRM) (a) public administration system in Japan (b) keynote speech on the civil service system and HRM in Japan (2) major issues of HRM (a) career development (b) remuneration system (c) discipline and ethics (3) situation in each country: country report presentation and discussion by participants (4) practical aspects of Japanese HRM (a) HRM system in private and public sectors (b) case study on personnel management coordinated (c) individual study at the National Personnel Authority (4) Summing-up: final discussion
- 3.QUALIFICATION OF APPLICANT** (1) senior class official (division director or above) in charge of personnel policy formation in central personnel agencies (2) university graduate or equivalent, with occupational experience of more than ten years (at least two years of which in the government)
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) National Personnel Authority
- 5.REMARKS**

GOVERNMENT HUMAN RESOURCE MANAGEMENT

Jan 8,2002 - Feb 2,2002, 10 participants

人事行政研修

J-01-03424

- 1.PURPOSE** The purpose of the course is to provide executive administrative officials who are engaged in the human resources development in the central government with the basic knowledge and practical skills for human resources cultivation and management to contribute to the effective and efficient administration.
- 2.MAIN FEATURES OF CURRICULUM** The following subjects are covered in the course through the lectures, discussions and observations (1) Group personnel management/OJT (2) Theory and practice of personnel management in Japan (3) Ethics of public service personnel (4) Human resources development (5) Comparative study on the business management system
- 3.QUALIFICATION OF APPLICANT** Applicants should; (1) be executive officials of the human resources administrative office in the central government, (2) be between 28 and 35 years of age, (3) be university graduates or have the equivalent academic background, (4) have a sufficient command of spoken and written English, and (5) be in good health both physically and mentally to undergo the course.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) National Personnel Authority
- 5.REMARKS**

LOCAL GOVERNMENT POLICY AND PROGRAMME

Jun 5,2001 - Jul 29,2001, 10 participants

地方自治研修

J-01-03440

- 1.PURPOSE** The purpose of the course is to contribute to development and improvement of local government administration methodology in participating countries through introducing roles, systems and functions of Japanese local governments and to provide opportunities to exchange ideas and information among the participants.
- 2.MAIN FEATURES OF CURRICULUM** In this course, the following major subjects will be covered through lectures, discussions, comparative studies, field studies in local governments and observation trips (1) local government system in Japan (2) election system in Japan (3) local public administration (4) local public finance (5) regional development
- 3.QUALIFICATION OF APPLICANT** (1) university/college graduates or equivalents with occupational experience of more than seven years in the civil service relating to local public administration (2) over 30 but under 40 years of age (3) civil service personnel holding responsible government position (managerial or supervisory) and be promising candidates for the post of top management in the local government or that of senior management in the central government in the future
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Local Autonomy College
- 5.REMARKS** (1) Country Reports will be highly utilized both for the screening of participants and for the comparative studies.

ADMINISTRATION MANAGEMENT FOR ENVIRONMENTAL RESTORATION & CONSERVATION BY MINAMATA CITY GOV'T

Oct.15,2001 - Nov 28,2001, 10 participants

地方自治体による環境再生・保全行政 (水俣病の経緯と教訓) J-01-03485

- 1.PURPOSE** This programme is designed for officials engaged in environmental conservation in developing countries. The purpose of this training course is to enable them to realise and understand how seriously environmental pollution affects communities and local residents, through a representative example of the organic mercury pollution occurred in and around Minamata Bay, which gravely affected health of the inhabitants, known as "Minamata Disease". In addition, the training participants are expected to study the administration management for environmental protection in collaboration with citizens, which is necessary to realize sustainable regional development, through introduction of the efforts made by Minamata City toward pollution control and environmental restoration.
- 2.MAIN FEATURES OF CURRICULUM** The training course consists of lectures, practices, discussions, observations and communication with local residents. The major subjects covered in this programme are: (1) Causes of "Minamata Disease" and its mechanism (2) Physical and mental injury by Minamata Disease and its deleterious effects on local communities (3) National/Prefectural/Minamata City's environmental policies and administration (4) Present condition of natural environment in Minamata (5) Efforts made by Minamata City Government and local residents toward environmental conservation (6) Communication with patients of Minamata Disease, their families and citizens (7) Plant visit and Study trip (8) Opening/Closing Ceremony, Report presentation, Evaluation Meeting, etc.
- 3.QUALIFICATION OF APPLICANT** Applicants should. (1) be nominated by their government in accordance with the formal procedures, (2) be programme officers directly engaged in environmental policy making at central or local government, who are strongly interested to formulate and implement projects based on community participation (Those who have few opportunities to communicate and collaborate with citizens - e.g. analyst at environmental laboratory - are not suitable for this programme.), (3) have experience in environmental conservation for more than 5 years, and be in position of management section, (4) be at least university graduate, (5) have sufficient command of spoken and written English, - e.g. TOEFL (Test of English as a Foreign Language) score 500 and above, or the Cambridge First Certificate (Submission of a copy of the proof is preferable), (6) be between the age of 30 and 50, (7) be in good health, both physically and mentally, to undergo the training, and (8) not be serving in any form of military services.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Kyusyu International Centre(2) Minamata City Government
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one-week (25 hours).

LOCAL GOVERNMENT ADMINISTRATION & PUBLIC SERVICES

Jan.7,2002 - Mar.3,2002, 9participants

地方自治体行政

J-01-00593

- 1.PURPOSE** This course is intended to introduce the general framework of Japanese local governments and public services to officials of medium-scale local governments in participating countries. The course provides them with lectures in topics such as taxation system, educational administration, public welfare, health, medical care, environmental sanitation, etc.
- 2.MAIN FEATURES OF CURRICULUM** In this course, the following topics will be covered by lectures and study tours: (1) local government systems (2) administrative practice environmental sanitation, water supply and sewage work, health and medical care, public welfare, education, agriculture and forestry, promotion of commerce and industry (3) system of parliamentary election
- 3.QUALIFICATION OF APPLICANT** (1) college graduate or equivalent (2) sectional or department head of administration sections responsible for overall functions of local governments (3) less than 45 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Osaka International Centre(2) Ibaraki City Hall (3) Japan Intercultural Academy of Municipalities
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks.

COPYRIGHT SYSTEMS DEVELOPMENT

Jun.5,2001 - Jul.1,2001, 7participants

著作権制度整備

J-01-03380

- 1.PURPOSE** Purpose of the course is to contribute to the development of copyright systems, including collective administration and educational activities of copyright, in the participating countries through providing practical trainings on various copyright related subjects, such as the purpose and signification of copyright system, international trends in copyright protection including relevant treaties, outline of copyright system in Japan, copyright management/administration system, etc., for the officials in charge of copyright policy planning in their administrative bodies, staff members of copyright management/administration organizations and professors/lecturers in higher educational institutions.
- 2.MAIN FEATURES OF CURRICULUM** By the end of the course period the participants are expected to, (1) understand the purpose and signification of copyright systems (2) understand the development of the copyright systems (3) understand the significance and activities of copyright management/administration organizations (4) deepen knowledge of new copyright systems for the development of information technologies, and (5) understand the contents of current international copyright treaties and recent international movements.
- 3.QUALIFICATION OF APPLICANT** The applicants should; (1) be administrative officials who belong to organization related to copyright management/administration or lecturers at university (2) have the experience of at least 5 years in their profession (3) be more than 30 years old, and (4) be university graduates or have higher education.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Agency for Cultural Affairs,MEXT
- 5.REMARKS**

CRIME PREVENTION (TREATMENT OF OFFENDERS)

May.14,2001 - Jul.15,2001, 14participants

犯罪防止 (矯正保護)

J-01-00649

- 1.PURPOSE** The purpose of the course is to clarify the challenges facing the organizations in charge of treating juvenile offenders, and explore the best practices to overcome these challenges.
- 2.MAIN FEATURES OF CURRICULUM** This course is mainly conducted in the form of discussions based upon the knowledge and experience of the participants with the advice of the faculty and visiting experts. The characteristic feature of the course is group discussion, through which the knowledge and experience of the participants will be utilized to the fullest extent. (1) Participants will discuss from various angles the following topics as they apply to their respective countries in order to explore the best practices in the institutional and community-based treatment of juvenile offenders. (a) Best practice in the institutional treatment of juvenile offenders (b) Best Practice in the management of organizations providing institutional treatment to juvenile (c) Best practice in the community-based treatment of juvenile offenders (d) Best practice in the management of organizations providing community-based treatment to juvenile offenders (2) Lectures by specialists of subjects relating to the main theme of "the best practices in the institutional and community-based treatment of juvenile offenders"
- 3.QUALIFICATION OF APPLICANT** (1) Senior criminal justice officials involved in the treatment of juvenile offenders or who hold administrative positions in a central bureau, department or institutions or local officers in the field of the institutional or community-based treatment of juvenile offenders who have at least five years of practical experience (2) university graduate or equivalent (3) between 30 and 50 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hachioji International Training Centre(2) UNAFEI
- 5.REMARKS**

CRIME PREVENTION (THE ADMINISTRATION OF CRIMINAL JUSTICE)

Sep.3,2001 - Nov.4,2001, 14participants

犯罪防止 (刑事司法)

J-01-00658

- 1.PURPOSE** The purpose of the course is to provide the participants with an opportunity to study and to discuss contemporary problems concerning "Current Situation of and countermeasures against Transnational Organized Crime"
- 2.MAIN FEATURES OF CURRICULUM** The course emphasizes the discussions on investigation methods to combat transnational organized crime, such as immunity, electric surveillance and controlled delivery. In the course, the participants will be divided into small groups chosen by themselves and given ample opportunity to exchange views and experiences on selected problems. The result of the discussions will be summarized and published. Additionally, the course will include lectures by visiting experts and ad hoc lecturers as well as visits to relevant criminal justice agencies in Japan
- 3.QUALIFICATION OF APPLICANT** (1) Holding a relatively senior position in a central bureau, department or field agency concerned with investigation, prosecution, trial or prevention of crime or treatment of offenders, and has at least 5 years of practical experience in one's field (2) university graduate or equivalent (3) between 30 and 50 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hachioji International Training Centre(2) UNAFEI
- 5.REMARKS**

CRIME PREVENTION (SENIOR SEMINAR)

Jan.7,2002 - Feb 17,2002, 17 participants

犯罪防止 (上級) セミナー

J-01-00701

- 1.PURPOSE** Now under planning
2.MAIN FEATURES OF CURRICULUM Now under planning
3.QUALIFICATION OF APPLICANT Now under planning
4.JICA CENTER / TRAINING INSTITUTIONS (1)Hachioji International Training Centre(2) UNAFEI
5.REMARKS

SEMINAR ON CONTROL OF DRUG OFFENCES III

Oct 1,2001 - Oct.19,2001, 17 participants

薬物犯罪取締セミナー III

J-01-00706

- 1.PURPOSE** The purpose of this seminar is to study effective and practical measures to eradicate drug offences as well as to further intensify international cooperation and deepen mutual understanding among the nations concerned, through discussion and information exchange and sharing the experiences to contribute to the eradication of drug offences. Through the seminar, participants are expected: (1) to bring their ideas together for solving the problems thus identifying the most effective countermeasures against drug offences, and (2) to promote mutual understanding and friendship and foster international solidarity as well as cooperative spirit among the participants for future effective international cooperation for drug offences control.
2.MAIN FEATURES OF CURRICULUM This seminar covers the following topics: (1) lecture (a) police activities in Japan (b) current trends and situation in drug offences and their countermeasures in Japan (c) Japanese organized crime organization (Yakuza) (2) presentation and discussion (a) major drug problems facing each society (b) current situation of drug syndicates (c) investigative methods/techniques (d) way to improve international investigative cooperation (3) Observation tours (a) Forensic Laboratories (b) Prison (c) Local Police
3.QUALIFICATION OF APPLICANT (1) official in the rank of director of division or its equivalent in charge of drug law enforcement at the central government (2) have experience of more than three years in drug law enforcement (3) have knowledge of identification techniques (4) between 30 and 40 years of age
4.JICA CENTER / TRAINING INSTITUTIONS (1)Tokyo International Centre(2) Drug Enforcement Division, National Police Agency
5.REMARKS

FINANCIAL INDUSTRY INFORMATION SYSTEMS

Oct 23,2001 - Nov 17,2001, 7 participants

金融情報システム

J-01-00612

- 1.PURPOSE** In conjunction with the rapid economic growth and development of developing countries, establishing strong and efficient infrastructure for financial information systems is vital for the further development of the country. Through the course, participants are expected (1) to understand the importance of the establishment of a solid infrastructure for financial information systems, (2) to understand the current status and issues of financial information systems in developing countries and developed countries including Japan, and (3) to find practical alternatives towards better financial information systems for their own countries through comparative studies.
2.MAIN FEATURES OF CURRICULUM The following subjects will be covered to provide participants with a basic knowledge of financial information systems in Japan: (1) financial structure of Japan, (2) financial information systems in Japan, (3) security measures, (4) outline of system audit, (5) current issues on financial information systems
3.QUALIFICATION OF APPLICANT Applicants should (1) be senior managers who play a key role in designing information systems in central banks or in major financial institutions and have business careers in this area for more than 10 years, (2) be under 45 years of age, (3) be university graduates or who have equivalent knowledge and experience, (4) have a sufficient command of English
4.JICA CENTER / TRAINING INSTITUTIONS (1)Tokyo International Centre(2) The Center for Financial
5.REMARKS

SEMINAR OF ECONOMIC DEVELOPMENT POLICIES

Jun.12,2001 - Aug.4,2001, 16 participants

経済政策セミナー

J-01-00668

- 1.PURPOSE** To expose the participants to the economic development policies to be interactively presented in the forms of lectures, field trips, etc. with the particular emphasis on the empirical aspects distilled from the Japan's experiences, by which the participants will in turn produce and present the papers on the economic development policies related to some specific subjects
2.MAIN FEATURES OF CURRICULUM The following major subjects will be covered in the seminar: (1) country report presentation and discussion together with area study, (2) lecture-cum-discussion (a) Japan's economic development and policies, (b) structural adjustment policies or industrialization (c) economic analysis method (d) Japan's economic cooperation (3) group activities (4) field trip and study visits (5) workshops (6) final report presentation and discussions
3.QUALIFICATION OF APPLICANT (1) central government planners engaged in economic development planning and have at least 7 years' occupational experience in this field (2) have an academic background in economics or those having proper experience and knowledge on economic policy and planning (3) between 30 and 40 years of age
4.JICA CENTER / TRAINING INSTITUTIONS (1)Tokyo International Centre(2) Economic and Social Research Institute, CAO (3) OFFICE NARIAI
5.REMARKS

SEMINAR ON TAXATION (GENERAL TAX COURSE)

Aug 20,2001 - Nov.17,2001, 19 participants

国際税務行政セミナー (一般租税)

J-01-00626

- 1.**PURPOSE** The purposes of this seminar are to contribute to the improvement of the tax systems and tax administrations of developing countries through transferring technical knowledge and skills of the Japanese tax system and tax administration, to have participants well-versed in Japanese tax administration, and to promote mutual understanding among participating countries.
- 2.**MAIN FEATURES OF CURRICULUM** This seminar places major emphasis on the administration of internal taxes, and mainly covers: (1) outline of the Japanese tax system (2) outline of main taxes in Japan (3) operation of taxation department (4) efficient examination (5) tax dispute
- 3.**QUALIFICATION OF APPLICANT** (1) official of the department in charge of tax administration except customs (2) under 40 years of age (3) have more than five years of occupational experience in tax administration or in planning of tax system (4) university graduate or equivalent
- 4.**JICA CENTER / TRAINING INSTITUTIONS** (1)Hachioji International Training Centre(2) National Tax Administration
- 5.**REMARKS**

SEMINAR ON TAXATION (SENIOR TAX COURSE) II

Oct 3,2001 - Nov 3,2001, 10 participants

国際税務行政セミナー (上級租税コース) II

J-01-00115

- 1.**PURPOSE** This seminar is conducted with the following purposes: (1) to contribute to the improvement of the tax system and tax administrations of developing countries through transferring technical knowledge and skills of the Japanese tax system and tax administration. (2) to have participants well-versed in Japanese tax administration, and to promote friendly relations among participating countries, including Japan.
- 2.**MAIN FEATURES OF CURRICULUM** This seminar places major emphasis on the administration of internal taxes. It covers the following topics: (1) outline of public finance, tax system and tax administration in Japan (a) public finance of Japan (b) outline of Japanese tax system (c) tax administration in Japan (general introduction) (d) tax administration in Japan (detail) (i) Enhancing Tax Compliance (ii) Consumption Tax Enforcement (iii) Practice of Examination (e) international taxation (2) presentation of Country Reports and round discussion topics of round table discussion: (a) system of assessment (b) system of collection
- 3.**QUALIFICATION OF APPLICANT** Be ranked as a senior-class official of the department in charge of tax administration except customs (Note: This seminar is designed for the Deputy Commissioner or Assistant Commissioner of the Head Office, the Commissioner or the Deputy Commissioner of the Regional Taxation Bureau, or the District Director of the Tax Office.)
- 4.**JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) National Tax Administration
- 5.**REMARKS**

INTERNATIONAL CIVIL AND COMMERCIAL LAW II

Jan 28,2002 - Mar 10,2002, 12 participants

国際民商事法研修 II

J-01-03508

- 1.**PURPOSE** The purpose of this course is to discuss reasons and solutions for various problems which the civil judiciary faces in respective countries, and give lectures on basic economic transaction laws in Japan (especially the ones which are indispensable in the transition to market-oriented economy and some topics needed in preparation of its operation system), and thereby to contribute to the improvement of strategies for prevention and solution of disputes concerning economic transaction.
- 2.**MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in the course: (1) Japanese law system (2) structure and role of the Ministry of Justice (3) basic legislation of civil and commercial affairs (4) monitoring committee of stock exchange (5) international private law, and (6) court system
- 3.**QUALIFICATION OF APPLICANT** (1) officials in department of justice in respective government, public prosecutors, registrars, judges (2) have more than 8 years' experience (3) under 50 years of age (4) university graduates from faculty of law (5) officials who are engaged in jobs relevant to the main topic of the course or middle-ranking executives with such experience who have good command of English (Applicants with judicial license are given priority.)
- 4.**JICA CENTER / TRAINING INSTITUTIONS** (1)Osaka International Centre(2) Research and Training Institute, Min.of Justice (3) Int'l Civil and Commercial Law Centre Foundation
- 5.**REMARKS**

STOCK EXCHANGE SEMINAR (ASIAN REGION)

Oct.11,2001 - Nov.3,2001, 7 participants

証券取引所セミナー (アジア地域)

J-01-03471

- 1.**PURPOSE** To provide opportunity to acquire basic knowledge regarding Japan's securities market and stock exchanges, in order to help the participants contribute to the development of capital markets of their countries.
- 2.**MAIN FEATURES OF CURRICULUM** This seminar aims to provide participants with basic information on the Japanese securities market and stock exchanges. The program of the seminar is as follows: (1) overview of the Japanese securities market (Japanese economy and roles of the securities market, company law, securities and exchange law and administration of the securities market, etc.). (2) overview of stock exchange (membership system, listing system, trading system, market surveillance and compliance system, clearing and settlement system, etc.)
- 3.**QUALIFICATION OF APPLICANT** Applicants should: (1) be staff members of a stock exchange; if a stock exchange does not exist in the country, staff of the competent regulatory authorities of securities markets, (2) between 25 and 50 years of age, (3) have a sufficient command of English.
- 4.**JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Tokyo Stock Exchange
- 5.**REMARKS**

CUSTOMS ADMINISTRATION

Aug 30,2001 - Oct.14,2001, 15 participants

税関行政

J-01-00646

1.PURPOSE The purpose of the course is to contribute to the development and improvement of Customs techniques in participating countries through the introduction of the Japanese Customs system and techniques and carrying out comparative studies. At the same time, it aims at deepening mutual understanding and promoting friendly relationship among participating countries and Japan

2.MAIN FEATURES OF CURRICULUM The course covers following subjects; (1) organization and function of the Japanese Customs administration (2) Customs and tariff policy, and the systems for the revision of tariff rates (3) cargo and passenger processing in general and computerized clearance system (4) classification techniques under the Harmonized System (5) WTO Valuation Agreement and post clearance audit techniques (6) function and control of warehousing (7) intelligence management including RISK assessment, profiling and targeting (8) protection of Intellectual Property Right, endangered species and earth environment (9) human resource development programme, with emphasis on the training

3.QUALIFICATION OF APPLICANT (1) be a university graduates or have an equivalent knowledge; (2) be currently customs officials at middle management level, (3) be under thirty-five (35) years of age in principle; (4) have a sufficient command of spoken and written English; (5) be in good health, both physically and mentally, to undergo the training, and (6) not be serving in the military.

4.JICA CENTER / TRAINING INSTITUTIONS (1)Tokyo International Centre

5.REMARKS**ANTI-MONOPOLY ACT AND COMPETITION POLICY**

Aug 27,2001 - Sep 30,2001, 11 participants

独占禁止法と競争政策

J-01-00624

1.PURPOSE This course is intended for leading members of the authorities of anti-monopoly act in participating countries. The participants will learn about Japan's Anti-Monopoly Act, its implementation and application and related legislation, with the aim of establishing or revising the competition act and its effective management in their countries.

2.MAIN FEATURES OF CURRICULUM In this course, the emphasis is put on lectures, discussion and observation. It mainly covers (1) the legislation of Japan's Anti-Monopoly Act and its implementation (2) case studies of the application of the Anti-Monopoly Act (3) comparative studies of the Anti-Monopoly Act in participating countries

3.QUALIFICATION OF APPLICANT (1) university/college graduate or equivalent (2) administrators of the authorities of Anti-Monopoly Act or the authorities drafting competition act, and (3) have more than 2 years' occupational experience in the field.

4.JICA CENTER / TRAINING INSTITUTIONS (1)Osaka International Centre(2) Fair Trade Commission

5.REMARKS**SEMINAR ON POLICY IMPLEMENTATION AND ALTERNATIVE TECHNOLOGIES CONCERNING OZONE LAYER PROTECTION**

Jan.15,2002 - Mar 3,2002, 18 participants

オゾン層保護対策・代替技術セミナー

J-01-00698

1.PURPOSE This seminar was designed to provide participants with legislative, technical and scientific information concerning the ozone depleting substances (ODSs) that will enable them to implement substantial measures pursuant to the international framework, ""Vienna Convention for the Protection of the Ozone Layer"" and ""Montreal Protocol on Substances that Deplete the Ozone Layer"".

2.MAIN FEATURES OF CURRICULUM The curriculum consists of the following three parts (1) lectures (a) overview of ozone layer science (b) environmental impact of increased UV-B radiation (c) outline of the Vienna Convention and the Montreal Protocol, and legislative and institutional arrangements in Japan (d) overview of technologies to reduce ozone layer depleting substances (e) state of development on alternative technologies to reduce consumption of ozone layer depleting substances (1) monitoring of ozone layer (2) field visit (3) presentation and discussions (a) presentation of Country Reports (b) group discussions on the promotion of ozone layer protection in the participating countries

3.QUALIFICATION OF APPLICANT (1) be nominated by their government (2) be senior-class officers of a national machinery in charge of ozone layer protection or in those of the equivalent post, (3) be between thirty (30) and forty five (45) years of age, (4) be university graduates or possess equivalent technical qualifications in this field, (5) have a sufficient command of spoken and written English, (6) be in good health, both physically and mentally, to undergo the training, (7) not be serving in any form of military services.

4.JICA CENTER / TRAINING INSTITUTIONS (1)Tokyo International Centre(2) Manufacturing Industries Bureau, METI (3) Global Environment Bureau, MOE (4) Japan Industrial Conference for Ozone Layer Protec (5) Japan Environmental Sanitation Center

5.REMARKS**CONSERVATION & SUSTAINABLE MANAGEMENT OF CORAL REEFS**

May.24,2001 - Aug.5,2001, 7 participants

サンゴ礁保全

J-01-00669

1.PURPOSE This course is designed to contribute to the promotion of coral reefs conservation in developing countries and international cooperation for the coral reefs conservation.

2.MAIN FEATURES OF CURRICULUM This course is focused on the introduction of Japanese administration in nature conservation especially of coral reefs, national parks management and information exchange among participants. The course will be conducted in the form of lectures, practices, discussions and observation tours. The following major subjects will be covered in the course: (1) outline of environment conservation system and activity in Japan (2) conservation and sustainable management of coral reefs ecosystem (3) methods of research and conservation of coral reefs area (4) techniques to produce educational materials

3.QUALIFICATION OF APPLICANT (1) be administrative and/or technical official presently engaged in coral reefs conservation and/or management administration in a central or local government or its attached organization, with practical experience of 5 or more years (2) be university graduate or equivalent (3) be skilled in snorkeling (4) be not more than 40 years of age

4.JICA CENTER / TRAINING INSTITUTIONS (1)Okinawa International Centre(2) Ministry of The Environment (3) Marine Parks Center of Japan

5.REMARKS

MARINE POLLUTION SURVEILLANCE AND CONTROL

Aug 2,2001 - Oct.21,2001, 8 participants

海洋保全

J-01-00289

- 1.PURPOSE** The course is organized for officials who are engaged, by profession, in the prevention of marine pollution. It introduces techniques for surveillance and control of marine pollution mainly caused by illegal discharge of waste materials, and for analysis of such substances as routine tasks. At the same time it introduces the official activities of Japan concerning the protection of marine environment.
- 2.MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on lectures and laboratory work, focusing on surveillance and analysis of oil. The main themes are, (1) surveillance and control of marine environment (2) discrimination and identification of oil (3) oil sample analysis
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent, or have an occupational experience of more than five (5) years in the field of marine pollution prevention (2) presently engaged in the above-mentioned field (3) under 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Japan Coast Guard
- 5.REMARKS** This training course is geared mainly to the acquisition of techniques to monitor and prevent oil spillage. As for the methodology and skills of spilled oil recovery, etc., an intensive training is available in another JICA course.

ENVIRONMENTAL MONITORING (WATER QUALITY)

Sep 24,2001 - Nov.18,2001, 10 participants

環境モニタリング (水質)

J-01-00688

- 1.PURPOSE**In most of the developing countries, water pollution has been getting severe year by year as growing their economic activity and rapid urbanization. In order to tackle the water pollution, it is essential to evaluate the status of water quality by carrying out the monitoring. Environmental monitoring requires not only technical knowledge on cause and effect of water pollution but also analytical techniques. Thus, this course is designed to provide necessary information and skills on the water quality monitoring which are accumulated and developed through the experience of water pollution in Japan.
- 2.MAIN FEATURES OF CURRICULUM** 1)Mechanism of water pollution and its effects on our life. 1) History of water pollution in Japan. 2) Behavior and fate of pollutants in water system. 3) Adverse effects of water pollution on ecosystems, society and economy. 4) Water pollution control system. 1) Regulation, role of government and analytical laboratory. 2) Worth in monitoring work. 3) Methodology of water quality monitoring. 1) Development of monitoring system. 2) Laboratory practice on water analysis of total organic carbon by using a total organic carbon analyzer(TOC), heavy metals by using an atomic absorption spectrometer(AAS), organochlorine pesticides by using a gas chromatograph with electron capture detector(GC/ECD), and anions and cations by using a high performance ion chromatograph(IC). Data interpretation
- 3.QUALIFICATION OF APPLICANT**(1) be a university graduate who majored in chemistry, chemical engineering, environmental engineering, environmental science, biochemistry, or have the equivalent academic background, (2)be laboratory staff or others who are engaged in water quality monitoring, (3)not be less than twentyfive (25) and not be more than thirtyfive (35) years old,
- 4.JICA CENTER / TRAINING INSTITUTIONS**(1)Hachioji International Training Centre(2) Nat'l Env. Training Institute, Min. of Environment
- 5.REMARKS**

ENVIRONMENTAL IMPACT ASSESSMENT

May 8,2001 - Jun.17,2001, 10 participants

環境影響評価実務

J-01-00672

- 1.PURPOSE**In order to promote sustainable development in the world, it is imperative to execute appropriate environmental impact assessments. The purpose of the course is to transfer fundamental knowledge and technology on EIA (Environmental Impact Assessment) to technical administrators from participating countries through lectures on experiences of conducting EIA in recent years both in Japan and other countries, field trips, and discussions with experts practicing EIA in Japan.
- 2.MAIN FEATURES OF CURRICULUM**The course is focused on introduction of Japanese administration and technology in EIA, activities of international organizations regarding EIA, and information exchange among participants; therefore, the course mainly consists of lectures, discussions, and observation tours. The following major subjects will be covered in the course is, (1) introduction to EIA (2) EIA system and practice in Japan (3) topics related to EIA (wildlife survey, infectious disease, communication techniques) (4) technology for EIA (5) institutional framework for EIA
- 3.QUALIFICATION OF APPLICANT**(1) technical administrators presently engaged in EIA in governmental or related public organization with experience of at least three years (2) university graduates or equivalents (3) under 45 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS**(1)Tokyo International Centre(2) Overseas Environmental Coop. Center (OECC)
- 5.REMARKS**

ENVIRONMENT MANAGEMENT SEMINAR

Jun 4,2001 - Jul.19,2001, 8 participants

環境管理セミナー

J-01-00663

- 1.PURPOSE**In developing countries, countermeasures to industrial pollution and urban-life pollution from the viewpoint of prevention of global warming are to be promoted. The introduction of appropriate technology for sustainable development is also required.
- 2.MAIN FEATURES OF CURRICULUM**In this course, 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.
- 3.QUALIFICATION OF APPLICANT**(1) middle-ranking officials in charge of project planning in the field of environment (2) have more than 10 years' experience (3) between 35 and 45 years of age (4) university graduates
- 4.JICA CENTER / TRAINING INSTITUTIONS**(1)Osaka International Centre(2) Global Environment Centre Foundation
- 5.REMARKS**

ENVIRONMENTAL ADMINISTRATION

Sep 25,2001 - Nov.18,2001, 9 participants

環境行政

J-01-00506

1.PURPOSE The purpose of the course is to introduce through lectures and observation of facilities, the Japanese comprehensive measures on environmental issues to administrators who are in charge of policy making on environmental administration in participating countries. This course also aims to contribute to the progress of environmental administration in developing countries by means of exchanging opinions concerning present conditions and prospects on environmental administration of each country.

2.MAIN FEATURES OF CURRICULUM This course is designed so that the participants would (1) understand the overall Japanese environmental administration including the technical progress, and (2) acquire the knowledge to manage the environmental administration of their countries in consideration of global environmental problems. The main subjects (tentative) are as follows: (1) framework and historical, technological background of Japanese environmental administration (2) economic approach to environmental administration (3) attitude toward global environmental problems both in Japan and other countries (4) environmental impact and development (5) technological field of environmental measurement (observation) (6) development site (observation) (7) present conditions and prospects in developing countries (8) action plan

3.QUALIFICATION OF APPLICANT (1) presently engaged directly in policy-making and administrations in environmental administration in the governmental or related public organization with experience of at least five years (2) be university graduates or possess the equivalent academic background in this field (3) be preferably aged from 30 to 40

4.JICA CENTER / TRAINING INSTITUTIONS (1)Tokyo International Centre(2) Japan Environmental Sanitation Center (3) Ministry of The Environment

5.REMARKS**RISK ASSESSMENT AND MONITORING FOR ENVIRONMENTAL CHEMICALS**

Feb 18,2002 - Aug 25,2002, 8 participants

環境負荷物質の分析技術及びリスク評価

J-01-03387

1.PURPOSE Contamination of environment and agricultural products caused by environmental chemicals including pesticide residues and environmental endocrine disruptors is an issue shared by both developed and developing countries. In order to assess the safety of the environment and agricultural products, the improvement of risk assessment and monitoring technologies for environmental chemicals requires immediate attention. The aim of this course is designed that leading technical officers and researchers can gain knowledge and technologies for risk assessment and monitoring environmental chemicals through lecture, practice and observation.

2.MAIN FEATURES OF CURRICULUM In this course, the emphasis is placed on introduction of comprehensive knowledge on the following subjects through lecture, practice and field trip. (1) Administration and laws for environmental chemicals (2) Environmental chemicals (3) Analytical methods of environmental chemicals including pesticide residues in crops and environment (4) Biotechnological approach (Biotechnology, Immunoassays, Bioassays) and (5) Fieldtrips/Observation trips

3.QUALIFICATION OF APPLICANT (1) Intermediate level technical officers in the fields of environmental science and leading technical officers and researchers in charge of risk assessment and monitoring environmental chemical (2) Experience in analysis and risk assessment of environmental chemicals (3) University graduates or equivalents (4) 25 to 40 years of age

4.JICA CENTER / TRAINING INSTITUTIONS (1)Hyogo International Centre(2) Faculty of Agriculture, Kobe University

5.REMARKS A compulsory intensive Japanese language course will be conducted for 8 days prior to the technical training

ENVIRONMENTAL RADIOACTIVITY ANALYSIS AND MEASUREMENT

Sep 4,2001 - Oct.13,2001, 5 participants

環境放射能分析

J-01-00686

1.PURPOSEThe purpose of the course is to give the participants practical knowledge of environmental radioactivity analysis and measurement, and to give them an opportunity to learn the relevant techniques through lectures and practical exercises

2.MAIN FEATURES OF CURRICULUMThe course is aimed to introduce technology of environmental radioactivity analysis and measurement in Japan; therefore, the course mainly consists of lectures, laboratory exercises, and observations. The following major subjects will be covered in the course: (1) basic concepts (2) sampling and pretreatment (3) analysis and measurement of tritium, radioactive strontium and uranium in environmental samples (4) gamma ray spectrometry (5) environmental gamma ray dose measurement (6) visiting a nuclear power plant (7) others

3.QUALIFICATION OF APPLICANT(1)University/college graduate in science or technology, or equivalent (2)Working in an organization concerned with environmental radioactivity analysis and measurement fields (3)Continue working in the same field/organization after going back to their respective countries (4)Must be fluent in English (In this course, most of the information will be conveyed directly from the instructors to the participants by conversations and discussions)

4.JICA CENTER / TRAINING INSTITUTIONS(1)Tokyo International Centre(2) Japan Chemical Analysis Center

5.REMARKS**LAKE WATER QUALITY MANAGEMENT**

Jan 3,2002 - Mar 17,2002, 10 participants

湖沼水質保全

J-01-00687

1.PURPOSE This course is intended for technical administrators and leading researchers engaged in the establishment and implementation of policies and measures for preservation and management of water quality of lakes (natural and artificial) in developing countries. Techniques needed for water quality management of lakes, such as measurement, prevention, estimation and control techniques at a higher level, will be introduced to the participants through lectures and practices. Participants are expected to acquire fundamental knowledge required for making plans and programmes for proper management of lake water quality. This course aims to contribute to the qualitative improvement and sound development of environmental conservation of lakes and reservoirs in participating countries

2.MAIN FEATURES OF CURRICULUM In this course, the emphasis is put on workshop practice. The main themes are. (1) lectures (a) environmental problems related to lakes and reservoirs (b) water pollution prevention techniques (c) water quality management (d) water pollution estimation techniques (e) environment management techniques (f) administrative measures for environmental preservation, (2) practices (a) water treatment techniques (b) measurement techniques (c) environment management techniques

3.QUALIFICATION OF APPLICANT (1)technical administrator in charge of lake or wetland water, or rivers which flow into lakes or wetland (with occupational experience of at least five years) who is expected to assume executive administrative posts in the field of water quality management in the future, (2) or researcher for water quality measurement laboratories (with professional experience of at least 5 years), who is expected to take a leading role for planning proper management of water quality in lakes, wetlands and tributary rivers, (3) university graduate having majored in environmental engineering, limnology, chemistry, biology, or having equivalent technical knowledge (4) under 35 years of age

4.JICA CENTER / TRAINING INSTITUTIONS (1)Osaka International Centre(2) Int'l Lake Environment Committee Foundation

5.REMARKS A compulsory intensive Japanese language course will be conducted prior to the technical training for one week.

ENVIRONMENTAL MANAGEMENT-POLLUTION CONTROL

Aug 20,2001 - Dec.7,2001, 8 participants

公害防止行政

J-01-03358

- 1.PURPOSE** This course is intended for executive officials belonging to the environment agencies/departments having jurisdiction over the developing legislation, enforcement, monitoring, and technical instructions connected with the environmental laws/ordinances. This course aims to enhance their competence for environmental management by helping them acquire administrative and managerial know-how related to environmental policies. Through the present course, each participant is expected: (1) to study the environmental control measures currently practiced in local government in Japan, and the steps taken by Japanese local governments for planning and drawing up anti-pollution agreements and environmental management policies, which have played significant roles in the prevention of serious environmental disruption, (2) to acquire environmental monitoring techniques through lectures, case studies and practical training, and (3) to study technological and managerial aspects of the water and air pollution control, getting back to the roots of the problems (4) to seek for methods to improve the environmental management system in his/her country by reviewing what have obtained through this course.
- 2.MAIN FEATURES OF CURRICULUM** The course consists of lectures, observation, practice and discussion. The emphasis is put on introduction of Japanese situation and technical know-how. The technical training of the course consists of a general study program and a detailed study program. In the general study program, the outline of the environmental management in Japan will be described. In the detailed study program, the subjects of "(1) Water Quality Safeguards", "(2) Atmospheric Safeguards", "(3) Other environmental measures", "(4) Environmental management", "(5) Water management", "(6) Measures for Global environmental issues", and "(7) Environmental education" will be studied. For each module, lectures comprising theoretical explanations will be given in the first place, and then practical training and observation sessions will be given to deepen the understanding of the theoretical study.
- 3.QUALIFICATION OF APPLICANT** Applicants should: 1. be an official in charge of the municipal/industrial environment management having over three (3) years' experience in the field of legislation, planning, monitoring, enforcement, etc. 2. have university/college graduates or those with equivalent academic backgrounds (in the field of science or engineering) 3. have a sufficient command of written and spoken English 4. be under forty (40) years of age in principal
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Chugoku International Centre(2) Hiroshima Pref. Health & Environment Center
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one weeks (25 hours).

INDUSTRIAL SOLID WASTE RECYCLING TECHNOLOGY

no executed in FY 2001

産業廃棄物の再資源化

- 1.PURPOSE** (1) to provide the participants with an outline of recycling technologies for industrial solid waste (2) to enhance their ability to develop policies on industrial solid waste management and recycling (3) to enhance their ability to plan, execute and evaluate projects related to industrial solid waste recycling (4) identify and select options for solving the problems of industrial solid waste (5) to provide the participants with an opportunity to exchange information on ways they have found to deal with problems concerning industrial solid waste recycling
- 2.MAIN FEATURES OF CURRICULUM** The following core subjects will be covered through the course, in principle: (1) History of industrial solid waste management and problems in the development of industrial activities (2) Administrative structures to promote industrial solid waste recycling (3) Current systems of industrial solid waste management and recycling (4) Legislation and policies in industrial solid waste management and recycling (5) Industrial solid waste management and recycling technologies (6) Case studies of recycling of industrial solid waste streams (7) Country Report (8) Study Visits to Facilities
- 3.QUALIFICATION OF APPLICANT** (1) be technical university graduates or possess equivalent technical knowledge and/or professional experience (2) be technical officials in the central or local government with more than five (5) years in principle of practical experience in the field of industrial waste management (3) be thirty (30) to forty-five (45) years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Clean Japan Center
- 5.REMARKS**

INDUSTRIAL POLLUTION CONTROL ENGINEERING

Apr 23,2001 - Aug 4,2001, 7 participants

産業環境対策

J-01-00311

- 1.PURPOSE** Along with industrialization and urbanization, environmental pollution problems have been increasing in developing countries. Therefore, it is indispensable for those countries to develop countermeasures against industrial pollution. The purpose of this course is to enhance the capability of engineers who have experience in handling environmental problems.
- 2.MAIN FEATURES OF CURRICULUM** Participants will attend lectures, training and factory tours to understand past and present environmental problems in Japan, as well as prevention and control measures executed by corporations. Through this course, participants will acquire basic knowledge, information and technology required for planning environmental administrative measures suitable for respective countries, and further, finding solutions for preventing environmental pollution. The major subjects covered in the course are (1) health effects of environmental pollutants (2) environmental engineering (3) environmental administration (4) environmental pollutants measuring method (5) international cooperation in the field of the environment (6) environmental pollution control measures taken by industries (7) measures for improving the working environment
- 3.QUALIFICATION OF APPLICANT** (1) Engineers with three years' occupational experience or more in the field of industrial pollution control (2) university graduates (faculty of engineering) or have the equivalent academic background (3) 40 years of age or less
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Kyusyu International Centre(2) Kitakyushu Int'l Techno-cooperative Association
- 5.REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training.

TREATMENT AND RECYCLE TECHNOLOGY FOR INDUSTRIAL EFFLUENT AND WASTE

Jan 21,2002 - Mar 4,2002, 8 participants

産業廃水・廃棄物の処理及びリサイクル技術

J-01-03361

- 1.PURPOSE** To upgrade knowledge and techniques of the participants in the field of the management of industrial effluent and waste through lectures and observations, so as to enable them to contribute to the promotion of the most effective and appropriate measures for the environmental protection
- 2.MAIN FEATURES OF CURRICULUM** The objective of the technical sessions is to understand the balance between sustainable development and environmental conservation, and will consist of six sessions: (1) background and history of Japan's environmental policies and strategies (2) environmental conservation in lakes (3) industrial effluent management (4) waste disposal management (5) perspective strategies for environmental conservation, environmental monitoring system and impact assessment, and (6) review and discussion.
- 3.QUALIFICATION OF APPLICANT** (1) University graduates or those who have equivalent knowledge and/or professional experience (2) academic staff, administrative officers, professional engineers with more than 5 years experience of practical experience in the following work: (a) environmental monitoring stations (b) water treatment industries (c) technical engineers of factories, especially water pollution management and/or waste disposal management (3) under 45 years of age.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Chubu International Centre(2) Tokai Technical Center
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one week (25 hours).

INDUSTRIAL WASTEWATER TREATMENT TECHNIQUE

Jul 16,2001 - Nov 23,2001, 8participants

産業廃水処理技術

J-01-00398

- 1.PURPOSE** In industrializing process, environmental pollution due to industrial wastewater has become a serious problem. The purpose of this course is to enhance the capabilities of managers and engineers in charge of pollution control so as to take appropriate and cost-effective actions for solving pollution problems.
- 2.MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on introduction of Japanese experience in dealing with practical industrial wastewater treatment through lectures, discussions, practice, field studies and visits to related factories and industries. The major subjects covered in the course are: (1) introduction to water pollution prevention (2) basic theory of wastewater treatment (3) wastewater analysis (4) automatic control (5) fundamental planning of wastewater facilities (6) design and construction of wastewater treatment facilities (7) maintenance management of wastewater treatment facilities (8) wastewater control in enterprises
- 3.QUALIFICATION OF APPLICANT** (1) either engineer in charge of wastewater treatment in governmental or municipal office, or site manager of these organization with more than three years of experience (2) university graduate majored in chemical, mechanical, electrical or civil engineering or have the equivalent academic background (3) under 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Kyusyu International Centre(2) Kitakyushu Int'l Techno-Cooperative Association
- 5.REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training

TECHNO.FOR INDUSTRIAL EXHAUST GAS TREATMENT&ENERGY SAVING

May 14,2001 - Jul 2,2001, 8participants

産業排ガス処理技術及び省エネルギー技術

J-01-03323

- 1.PURPOSE** To provide with current theories, information and technology concerning industrial exhaust gas treatment and industrial energy utilization, which enhance ability to plan, execute and evaluate projects concerned. To provide methods for solving the problems of control and treatment of industrial exhaust gas, and opportunities to exchange information about how to deal with problems in this field.
- 2.MAIN FEATURES OF CURRICULUM** Session I; History of industrial pollution in Yokkaichi City, Country Report presentation by the participants, Session II; System of environmental pollution control laws in Japan, Air pollution control law and environmental standard, Roles of central and local government in the environmental issues, Administrative guidelines to supplement laws and regulations, Introduction of Elemental dispersion model Session III; Energy saving law and related law on energy saving and recycling, Industrial energy use and energy conservation, Energy saving policies and activities in administration/industries, Resource recycling in industry, Energy saving activities in incinerating wastes, Energy saving technology for electric and energy use facilities, Session IV; Nitrogen oxides treatment technologies, Sulfur oxides treatment technologies, Experiment: Waste gas analysis, Dust collection technologies, Technology of Automobile exhaust gas treatment
- 3.QUALIFICATION OF APPLICANT** (1) national and local governmental officials, business executives or technical engineers with more than five '5' years of practical experience in the field of industrial policy planning, business management or pollution control technology (2) university graduates or those who have equivalent knowledge and/or professional experience (3) under forth-five '45' years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Chubu International Centre(2) Int'l Center for Environmental Tech. Transfer
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one week (25 hours).

ENVIRONMENTAL RESOURCE MANAGEMENT THEORIES AND TECHNIQUES FOR SUSTAINABLE DEVELOPMENT

Oct.1,2001 - Dec.16,2001, 8participants

持続的開発に向けた環境資源管理の理論と技術 J-01-03394

- 1.PURPOSE** The purpose of this course is to upgrade the participants capability of environmental resource management and the knowledge of social and economic evaluation measures for policy making for their respective countries
- 2.MAIN FEATURES OF CURRICULUM** It mainly covers: (1) The definition of sustainable development (2) Japan's past experiences of pollution control, environmental preservation and policy evaluation (3) The theory and techniques of sustainable resource management (4) The methods of project evaluation and environment assessment for sustainable resource management (5) The techniques of policy evaluation for environmental policies for the respective countries
- 3.QUALIFICATION OF APPLICANT** (1) Applicant should be nominated by their government in accordance with the procedures. (2) Applicant should be those who are member of NGO/NPO, local government and private sector who are currently involved in environmental management. Participation of women and those who belong to private sectors of NGOs/NPOs are highly encouraged (3) University graduates. (4) Basic knowledge on macro and micro economics as well as statistics (5) Language preference, English, TOEFL 550 or equivalent. (6) Age, up to 40 years old. (7) Good health. (8) Applicants should not be serving in the military
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Chugoku International Centre(2) Graduate School for International Development
- 5.REMARKS**

NATURE CONSERVATION AND NATURAL PARKS MANAGEMENT

Sep.11,2001 - Oct 21,2001, 9participants

自然環境管理

J-01-00659

- 1.PURPOSE** The purpose of the course is to provide government/ technical officials in charge of nature conservation and/or management administration with professional knowledge and techniques required for nature conservation and natural parks management. The course is also intended to introduce the Japanese experience and current conditions in this field and to provide the participants with principles and approaches for problem solution
- 2.MAIN FEATURES OF CURRICULUM** The course is focused on the introduction of Japanese administration in nature conservation and natural parks management and the information exchange among participants; therefore, the course is mainly conducted in the form of lectures, discussions, and observation tours. The following major subjects will be covered in the course: (1) basic concepts and framework of nature conservation and natural parks management (2) present situation in participating countries (3) techniques for research on nature (4) management of nature
- 3.QUALIFICATION OF APPLICANT** (1) technical official presently in charge of nature conservation and/or management administration in central or local governments with five or more years of experience in this field (2) university graduate or equivalent (3) not more than 45 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Ministry of The Environment (3) Japan Wildlife Research Center
- 5.REMARKS**

CONSERVATION OF WETLAND ECOSYSTEMS AND THEIR BIOLOGICAL DIVERSITY

May 29, 2001 - Jul 6, 2001, 8 participants

湿地環境及び生物多様性保全

J-01-00622

- 1.PURPOSE** The purpose of the course is to enhance professional knowledge and techniques required for middle-class government technical officials in participating countries who are in charge of the conservation of wetlands ecosystems, especially protection of biological diversity. The course also intends to contribute to the promotion of international cooperative projects conforming to the Ramsar Convention, in pursuit of site-specific conservation, management, and wise use of wetlands and protection of biological diversity.
- 2.MAIN FEATURES OF CURRICULUM** The curriculum consists of the following four parts, (1) The outline of conservation of wetlands ecosystems and biological diversity (2) The monitoring method for conservation of wetlands ecosystems and biological diversity (3) The conservation and recovering method for conservation of wetlands ecosystems and biological diversity (4) The method for wise use of wetlands ecosystems and natural resources.
- 3.QUALIFICATION OF APPLICANT** (1) technical officials presently in charge of nature conservation and/or management administration in central or local government with 3 or more and less than 8 years of experience in this field (2) university graduates or possess equivalent technical qualifications in this field (3) between 28 and 38 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hokkaido International Centre, Obihiro(2) Ministry of The Environment (3) Kushiro International Wetland Centre
- 5.REMARKS**

PLANIFICACION DEL TRATAMIENTO DE AGUAS RESIDUALES DOMESTICAS EN BASE A LOS METODOS COLECTIVOS E INDI

Aug 20, 2001 - Nov 9, 2001, 12 participants

集合処理（下水道など）と個別処理による生活排水処理計画 J-01-03347

- 1.PURPOSE** The purpose of this course is to learn planning skill of domestic waste water management based on future population estimate according the scale of target area, which contributes to the improvement of environmental conservation in a respective country
- 2.MAIN FEATURES OF CURRICULUM** It mainly covers: (1) the physical and chemical measurement of water quality (2) the history of Japanese domestic waste water treatment and outline of countermeasures taken by the central or local government (3) the theory and practical treatment method (4) environmental education (5) zoning of a collective treatment and a house scale treatment
- 3.QUALIFICATION OF APPLICANT** (1) presently engaged in planning and/or implementing of domestic waste water treatment with more than three years occupational experience (2) university graduate or equivalent (3) not more than 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Chugoku International Centre(2) Higashiroshima City
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one week (25 hours). The course will be conducted in Spanish.

ENVIRONMENTAL EDUCATION COURSE FOCUSED ON AQUATIC ENVIRONMENT

Sep 24, 2001 - Nov 21, 2001, 8 participants

水環境を主題とする環境教育

J-01-03487

- 1.PURPOSE** The Purpose of this course is to provide the participants with practical knowledge and method of environmental education (mainly water environment) through typical examples and observations, in order to contribute to the enhancement and development of environmental education.
- 2.MAIN FEATURES OF CURRICULUM** In this course, the following major subjects will be covered through lectures, practices and observation trips; (1) lecture on environmental education (ecology, earth environment, toxic materials etc.) (2) practice on environmental education (document research study, discussions, analysis, observation study etc.) (3) lecture on water quality management and environment (basic concept of lake maintenance management, history of water pollution in Japan, restriction of industrial pollution in Japan, environmental preservation, resident participation, environmental problem in developing countries) (4) observation study of school education and facilities for environmental purification"
- 3.QUALIFICATION OF APPLICANT** (1) University/College lecturer or equivalent (2) experience over 4 years and under 13 years in this field (3) over 26 years and under 35 years of age (4) university/college graduate or equivalent (5) Teaching staff of environmental education or person expected to be in charge
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Osaka International Centre(2) Shiga University (3) Int'l Lake Environment Committee Foundation
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks (25 hours)

"WATER QUALITY MANAGEMET - Policy, Planning and Technologies for Pollution Control"

Aug 21, 2001 - Oct 14, 2001, 9 participants

水質環境管理 一環境保全のための政策、計画、技術— J-01-00654

- 1.PURPOSE** The main purpose of the course is to provide government administrative officials with professional knowledge and techniques as well as comprehensive planning perspectives for water quality management. The course is also intended to introduce Japanese experience and the current conditions in the field of water quality management, to provide the participants with principles and approaches for solving problems, and to enhance participants' capability to contribute to environmentally sound socio-economic development and human welfare in their home countries
- 2.MAIN FEATURES OF CURRICULUM** The course is focused on the introduction of Japanese administration in water pollution control and the exchange of information among participants. The course is divided into three categories: policy, planning and technologies. Lectures, discussions and exercises will be held for each category. The following major subjects will be covered in the course: (1) Policy framework of water quality management, (2) Target issues for water pollution control, (3) Key elements for water quality management system, (4) Planning of water quality management system, (5) Technologies for water quality control.
- 3.QUALIFICATION OF APPLICANT** (1) Government administrative officials presently in charge of water quality management for pollution control or water quality protection in central or local governments with three or more years of experience in this field (2) university graduates or possess equivalent technical qualifications in this field (3) not more than 35 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Water Quality Bureau, Ministry of The Environment (3) Japan Society on Water Environment
- 5.REMARKS**

DOMESTIC WASTEWATER TREATMENT TECHNIQUE

Aug 27,2001 - Dec.9,2001, 7participants

生活排水対策

J-01-00655

- 1.PURPOSE** The purpose of this training course is to upgrade the administrative and managerial skills of technical administrators who are currently engaged in domestic wastewater treatment in local governments.
- 2.MAIN FEATURES OF CURRICULUM** The training programme consists of lectures and practical field work on domestic wastewater management. The emphasis is put on providing participants with practical and applicable skills and knowledge as well as Japanese experience to help them to formulate their Action Plans, which are most appropriate for the current status of their respective countries. The subjects covered in the course are. (1) basic theory of local administration (2) basic theory of water quality conservation (3) administrative framework of water pollution control in Kitakyushu and Japan (4) basic practice in water quality analysis (5) practical training in water supply (6) practical training in sewage/drainage treatment (7) practical training in human excreta treatment (8) practical training in Jokaso system (9) outline of domestic refuse treatment (10) outline of river/waterway management in urban areas
- 3.QUALIFICATION OF APPLICANT** (1) technical administrator with three or more years of experience in domestic wastewater treatment in local governments or equivalent technical knowledge (2) university graduate or the equivalent (3) 40 years of age or less
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1) Kyusyu International Centre (2) Kitakyushu Int'l Techno-cooperative Association
- 5.REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training

BIODIVERSITY INFORMATION SYSTEM

Sep 24,2001 - Nov 25,2001, 10participants

生物多様性情報システム

J-01-03378

- 1.PURPOSE** Through learning the following items necessary for the management of Nature Conservation or Biodiversity Conservation, the participants are expected to learn knowledge and techniques on the data collection, storage and dissemination of the biodiversity information (1) Nature Conservation Policy in Japan (2) Collection of biodiversity information (3) Trying Internet (HTML language) and GIS (Geographic Information System) for the management and dissemination of information (4) Practical dissemination of biodiversity information by Internet
- 2.MAIN FEATURES OF CURRICULUM** (1) Outline of Policy for biodiversity conservation (2) Practice of policy for biodiversity conservation (3) Outline of the data collection, management and dissemination of biodiversity information (4) Collection of biodiversity information (5) Practice of building Internet homepage
- 3.QUALIFICATION OF APPLICANT** (1) technical staff member of the Department of Nature Conservation or Biodiversity Conservation with two (2) or more years of experience in this field (2) university graduate or equivalent (3) not more than 40 years of age (4) have basic knowledge of how to use softwares on Windows 95
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1) Hachioji International Training Centre
- 5.REMARKS**

AIR POLLUTION SOURCE MONITORING MANAGEMENT

Aug 20,2001 - Dec 5,2001, 8participants

大気汚染源モニタリング管理

J-01-00660

- 1.PURPOSE** The purpose of the training course is to upgrade the technical knowledge of the air pollution source monitoring, and to develop the capacity in environmental management promoting comprehensive air pollution control, for the officials who are currently engaged in air pollution control in local or central government
- 2.MAIN FEATURES OF CURRICULUM** In the course, the following subjects will be covered through lectures, practices and observation trips (1) administration for air pollution control (2) ambient air monitoring (3) air pollution source monitoring (4) automobile exhaust gas monitoring (5) prevention of pollution and environmental management (6) summary, discussion and evaluation meeting.
- 3.QUALIFICATION OF APPLICANT** (1) technical officials directly engaged in air pollution control administration at local or central government, and having more than 5 years of experience in the field (2) university graduates in chemistry, chemical engineering, sanitary engineering, environmental engineering, environmental science or biology, or the equivalent (3) 45 years of age or younger.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1) Kyusyu International Centre (2) Kitakyushu Int'l Techno-cooperative Association
- 5.REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training

AIR POLLUTION CONTROL

Aug 27,2001 - Dec 9,2001, 8participants

大気汚染対策

J-01-00613

- 1.PURPOSE** This course is intended for administrative engineers engaged in air pollution control measures in participating countries. Measurement techniques, emission source control techniques, dispersion calculation techniques, management techniques, etc. related to air pollution, all on an advanced level, will be introduced to the participants. It is expected that the course will help upgrade the technical ability of the participants, thus contribute to the prevention of environmental pollution in their respective countries
- 2.MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on introduction of Japan's experience in the field of Air Pollution Control. The main themes are: (1) fundamentals of air pollution (2) laws and regulations (3) measurement technique (4) emission source control (5) management (6) application of dispersion models (7) planning of master plan related to comprehensive air pollution control
- 3.QUALIFICATION OF APPLICANT** (1) administrative engineer with at least 5 years experience in the administration of air pollution prevention (2) between 30 and 40 years of age (3) university graduates or the equivalent
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1) Osaka International Centre (2) Global Environment Centre Foundation (3) Osaka City Inst. of Public Health & Env'l. Sciences
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks.

AIR QUALITY MANAGEMENT POLICY

Jan 21,2002 - Mar.10,2002, 9participants

大気保全政策

J-01-00329

- 1.PURPOSE** The purpose of the course, from a technical point of view, is to contribute to the improvement of air pollution control policy making in the participating countries. It also covers socio-economic development and welfare aspects by giving technical training through lectures and observation tours on general condition of air pollution control.
- 2.MAIN FEATURES OF CURRICULUM** This course aims to present Japanese experience in this field as a case study for preparation of comparative study and action plan. It mainly covers, (1) administration (2) principles of air pollution subjects (3) planning and counter-measures (4) measurement and assessment (5) comprehensive study
- 3.QUALIFICATION OF APPLICANT** (1) technical official directly responsible for air pollution control administration at either central or provincial governments and have more than three years of experience (2) university graduate or equivalent technical qualification (3) under 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hachioji International Training Centre(2) Japan Environmental Sanitation Center
- 5.REMARKS**

ENGINEERING FOR REGIONAL ENVIRONMENTAL PRESERVATION

Aug 27,2001 - Nov 13,2001, 5participants

地域環境保全技術

J-01-03462

- 1.PURPOSE** The purpose of this course is to provide technical officials and researchers with comprehensive knowledge and techniques for measuring and analyzing environmental aspects such as air and water quality which is indispensable to the understanding of basic environmental factors. Consequently, the participants are expected to study the method of the region-wide environmental management and thereby to contribute to the formulation of various measures for environmental management and preservation
- 2.MAIN FEATURES OF CURRICULUM** This course mainly covers the following themes: (1) environmental legislation system (2) environmental impact assessment (3) pollution control plans, environmental management plans and other plans (4) regional activities that address global environmental problems (5) environmental measuring and analyzing pollution-related technology (6) environmental monitoring (7) measures to reduce the burdens of environmental pollution
- 3.QUALIFICATION OF APPLICANT** (1) technical official and researcher engaged in the environmental administration of the national and local government or related public organization (2) university graduate in science and engineering or equivalent (3) have more than 5 years' experience in the field of environmental preservation (4) not more than 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hokkaido International Centre,Sapporo(2) Hokkaido Env. Science Research Center
- 5.REMARKS**

REGIONAL WATER RESOURCES ENVIRONMENTAL MANAGEMENT

May.14,2001 - Aug 6,2001, 8participants

地域水資源環境管理

J-01-03430

- 1.PURPOSE** The course is designed for the technical administrative officials who are engaged in planning and design sewerage and/or environment management project in the central or local government. The objective of this course is to provide fundamental knowledge and training, and also the technologies in the operation and maintenance centering small-scale distributed type of sewers and treatment plants and the less energy requirement and recycling scenarios, on the basis of experiences and practices of the Japanese small-size municipalities.
- 2.MAIN FEATURES OF CURRICULUM** The course covers; (1) lecture and experiments on water ecosystem management, waste water treatment system and method of recycling and reuse, (2) inspections of small scale distributed -type sewerage facilities and water resource and environmental management project site, (3) compiling of the plans on the models of small scale distribute-type natural recycling sewerage system
- 3.QUALIFICATION OF APPLICANT** (1) a university graduate or a person who has equivalent technical qualifications in this field, and more than three years of practical experience (2) a technical official in charge of waste water treatment or environment management in central and/or local government or bodies (3) under 40 years of age with some knowledge of using personal computer (word processor level)
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1) S h i k o k u Branch Office(2) Kochi University of Technology
- 5.REMARKS** The lecture and reporting preliminary planning will be carried out by using personal computer and LAN system in the KUT campus.1week(25 hours)

REGIONAL DRAINAGE BASIN ENVIRONMENT

May 14,2001 - Aug 5,2001, 8participants

地域流域環境

J-01-03383

- 1.PURPOSE** This course is designed to learn the relation between regional area and water in general for the purpose of regional drainage basin environment and upgrading the water quality of water supply and sewage system and so on. This training course will provide technical officers and researchers with the knowledge about water and drainage basin environment through lecture, observation and discussion about the situation of own countries by each participant.
- 2.MAIN FEATURES OF CURRICULUM** This course includes the curriculum such as below; (1) lectures, The Basic concept of Regional Drainage Basin Environmental Management, The Hydrological Cycle, The relation with Weather and Water, The relation with natural environment and water, The relation with residents and water, Water supply system, Sewage system (2) Practices; Water supply system, Water sewage system (3) Observation, Satsunai river dam, Improvement of Obihiro river basin, Irrigation dam etc (4) Discussion, (subject, environmental conservation in the view of regional drainage basin) (*notice, These subject has possibility to change in detail)
- 3.QUALIFICATION OF APPLICANT** Applicants should; (1) be technical officers or researchers who are engaged in water and water quality management (2) have more than Three (3) years of practical experience (3) be university graduates or the equivalent (4) be at least twenty-five (25) and more than forty (40) of years of age (5) be in good health and able to undergo the training (6) not be serving military
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hokkaido International Centre, Obihiro(2) City of Obihiro
- 5.REMARKS** The training field is Satsunai River where the quality of water is very high in Japan.

DEVELOPMENT OF NATIONAL INVENTORIES AND STRATEGIES ON CLIMATE CHANGE

Jan.7,2002 - Feb 28,2002, 15 participants

地球温暖化対策コース

J-01-00572

- 1.PURPOSE** The purpose of this course is to assist participating countries to fulfill the obligation of the Framework Convention on Climate Change (UNFCCC) Particularly; (1) developing inventories on green house gas emissions and (2) providing information on the development of strategies on climate change
- 2.MAIN FEATURES OF CURRICULUM** The curriculum consists of the following three parts (1) lectures on (a) outline of the Framework Convention on Climate Change (b) THE IPCC SECOND ASSESSMENT REPORT; (c) Japanese actions to address global warming; (d) outline of IPCC guideline on initial communications for main-Annex I Parties; (e) methodologies to calculate GHG emissions; (f) various kind of policies and measures and (g) mitigation measures against global warming in Japan (2) field trips and study visits (3) presentation and discussions (a) presentation of Country Reports (b) group discussions on the promotion of measures against global warming in the participating countries
- 3.QUALIFICATION OF APPLICANT** (1) officials who are presently working in a government administrative organization and are in charge of global warming issue (2) university graduate or equivalent (3) from 30 to 45 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tsukuba International Centre (TBIC)(2) Ministry of The Environment
- 5.REMARKS**

LOCAL ADMINISTRATION FOR ENVIRONMENTAL PROTECTION

Sep 3,2001 - Oct.15,2001, 6 participants

地方環境保全行政

J-01-03490

- 1.PURPOSE** The purpose of this course is to provide participants administrative management skills on rural environmental administration.
- 2.MAIN FEATURES OF CURRICULUM** The course curriculum consists of planning of environment management policy, rural environment regulations, planning & enforcement of rural environment regulations, and monitoring of rural environment conditions. All participants are expected to make and present action plan which is a future environment management model in their respective countries.
- 3.QUALIFICATION OF APPLICANT** (1) administrators or researchers concerned with rural environment administration who have more than 5 years of working experience (2) between 30 and 40 years of age (3) university graduated or equivalent
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Chubu International Centre(2) Environmental Affairs Bureau, City of Nagoya
- 5.REMARKS**

SAVING AND RE-USE OF WASTE WATER

May.15,2001 - Jun 17,2001, 5 participants

廃水の再生利用

J-01-03074

- 1.PURPOSE**The purpose of this course is to promote countermeasures against industrial pollution and urban-life pollution in view of preventing global warming The appropriate technology for sustainable development in this field is also introduced.
- 2.MAIN FEATURES OF CURRICULUM**In this course, 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 course (5)establishment of environmental management plan and regional pollution prevention plan (6) environmental assessment (7) sustainable development (8)preservation of global environment.
- 3.QUALIFICATION OF APPLICANT**1 middle-class officials in charge of planning project in the field of environment 2 have more than 10 years experience 3 between 35 and 45 years of age 4 university graduates
- 4.JICA CENTER / TRAINING INSTITUTIONS**(1)Tokyo International Centre(2) Water Re-use Promotion Center Japan
- 5.REMARKS**

SYSTEM OF ENVIRONMENT MANAGEMENT OF ENCLOSED COASTAL SEAS

Sep.10,2001 - Nov 24,2001, 6 participants

閉鎖性海域の水環境管理技術

J-01-00673

- 1.PURPOSE** The purpose of the course is to provide the officials in administrative bodies which are engaged in the environmental management of enclosed coastal seas with following. (1) technical knowledge related to environmental management strategies specifically applied to Seto Inland Sea, which would give the participants opportunities to examine possible applicabilities of these strategies to their respective countries. (2) an opportunity in which the participants can discuss with Japanese expert in environmental management field and exchange views and opinions.
- 2.MAIN FEATURES OF CURRICULUM** Lectures: (1) General view of water pollution (2) Analysis of water pollution (3) Water quality criteria (4) Foundation of water pollution modeling (5) Remote sensing technique (6) Waste water treatment technique (7) Legal system (8) Administration of waste disposal (9) Environmental impact assessment (10) Chemical assessment (11) Mangrove conservation (12) Environmental management plan Practice and observation: (1) Hyogo prefectural environmental information center (2) Algae collecting (3) Simulation technique (4) Water flow of Seto Inland Sea (5) Water quality analysis (6) Waste water treatment technique (7) Sewage treatment technique (8) Regional waste disposal processing plant (9) Fisheries experimental station
- 3.QUALIFICATION OF APPLICANT** (1) leading officers in administrative body presently engaged in environmental management of enclosed coastal seas (2) university graduates and/or those who have equivalent practical experience of not less than five years in the field of environment on enclosed coastal seas (3) not less than 26, and not more than 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hyogo International Centre(2) International Emecs Center
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for 40 hours.

HEAVY METAL POLLUTION CONTROL II

May 7, 2001 - Jul 22, 2001, 6 participants

有害金属汚染対策II

J-01-03524

- 1.PURPOSE** The purpose of this course is to acquire a comprehensive understanding of laws and regulations regarding toxic metal pollution control, and of the effect of these pollutants upon humans and plants, etc., thereby building a capacity to formulate measures to prevent environmental pollution - particularly pollution by toxic metals (mercury, cadmium, lead, arsenic, etc.)."
- 2.MAIN FEATURES OF CURRICULUM** In this course, the following major subjects will be covered through lectures, discussions and observation trips (1) History of toxic metal pollution, relief for its sufferers (2) Historical background of Minamata disease (3) Mercury in the environment and global scale mercury pollution (4) Outline of toxic metals (lead) (5) Symptoms of mercury poisoning (6) Soil contamination and stunting of plant growth by metals (7) Policy for the prevention of water contamination by toxic materials (8) Policy for the prevention of water contamination by toxic materials (9) Outline of environmental policy (10) Regulation of harmful air-pollutant emissions (11) Measures concerning automobile emissions (12) Sanitary measures concerning drinking water (13) Sanitary measures concerning foodstuffs (14) Outline of toxic metal analysis (15) Practice in water quality analysis (16) Methods for collection and analysis of river samples (17) Analysis of metals in waste products (18) Blood analysis (19) Soil analysis
- 3.QUALIFICATION OF APPLICANT** (1) be a university graduate with a chemistry background, or have equivalent aptitude and knowledge (2) be a key administrative engineer (not including researcher) in the environmental field with at least 5 years of experience (3) be between the ages of 25 - 40
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Osaka International Centre(2) Osaka Prefectural Government, Dep of Environ & Agri.
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks (50 hours)

STATISTICAL COMPUTING FOR TRAINERS

May 8, 2001 - Jul 15, 2001, 20 participants

研修指導官のための電子統計計算

J-01-00697

- 1.PURPOSE** This course is designed for practicing statisticians who have some background in computing and or are likely to become involved in the training of others in the use of computer software packages for data processing. The course aims at increasing the participants' depth of knowledge in selected software packages, developing their presentation skills and producing course plans that they can use upon return to their respective countries.
- 2.MAIN FEATURES OF CURRICULUM** The curriculum consists of the following major subjects (1) data capturing, editing, processing, and tabulating (2) statistical analysis (3) word processing (4) spreadsheets (5) graphics, (6) presentation techniques
- 3.QUALIFICATION OF APPLICANT** (1) middle level statisticians with statistical computing experience who are expected to be trainers in statistical computing (2) under 40 years of age (3) university graduates in computing statistics or equivalents
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Statistical Inst. for Asia & The Pacific (SIAP)
- 5.REMARKS** This course is conducted according to the agreement between the Government of Japan and the United Nations, and organized mainly for ESCAP countries

ANALYSIS AND INTERPRETATION OF STATISTICS

Jul.17,2001 - Sep.23,2001, 10 participants

統計の解析及び解釈

J-01-00567

- 1.PURPOSE** This course is designed for middle level statisticians engaging in data production, and in particular those who analyze, interpret and prepare statistical reports for policy makers, planners and other decision makers. The course aims at assisting countries in strengthening their statistical capabilities; specifically in analysis and interpretation of statistics including report writing and presentation techniques
- 2.MAIN FEATURES OF CURRICULUM** Curriculum consists of the following subjects: (1) economic statistics (2) data analysis (3) workshop/seminars (4) statistical computers (5) project work
- 3.QUALIFICATION OF APPLICANT** (1) have a sufficient knowledge of economic statistics (2) have a university degree in either statistics, mathematics, economics, sociology or have passed the six months General or Practical Statistics Course of SIAP or have similar training (3) have at least five years experience in population and related work or in the analysis of population and demographic topics; (4) over 30 and under 45 years of age (5) have sufficient knowledge of statistical computing (for data analysis, word processing, tabulation and graphic generation)
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Statistical Inst. for Asia & The Pacific (SIAP)
- 5.REMARKS** This course is conducted according to the agreement between the Government of Japan and the United Nations, and organized mainly for ESCAP countries

MODULES ON CORE OFFICIAL STATISTICS

Oct.2,2001 - Mar.24,2002, 33 participants

統計モジュール

J-01-00645

- 1.PURPOSE** This course is focused on the training needs of official statisticians in government and is intended to contribute to the strengthening of national statistical offices of the developing countries in the ESCAP region.
- 2.MAIN FEATURES OF CURRICULUM** This course consists of common subjects for all participants. The common subjects concentrate on the following aspects of statistics: (1) survey methodologies (2) statistical methods (3) survey operation (4) demography (5) social statistics (6) the 1993 SNA framework (7) estimation and compilation (8) macroeconomic and related statistics.
- 3.QUALIFICATION OF APPLICANT** (1) university graduates specialized in statistics, mathematics or economics, or the equivalents (2) over 25 but under 40 years of age (3) have a sufficient knowledge of basic mathematics
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Statistical Inst. for Asia & The Pacific (SIAP)
- 5.REMARKS** This course is conducted according to the agreement between the Government of Japan and the United Nations, and organized mainly for ESCAP countries

**ELECTRONICS ENGINEERING
(COMPUTER INTERFACE)**

Nov.5,2001 - Feb 13,2002, 10participants

エレクトロニクス技術 (コンピュータ・インターフェイス) J-01-00607

- 1.PURPOSE** This course is designed to provide technical knowledge and practical experience in interfacing technology of microcomputer and in assembly language software design.
- 2.MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on practical experience by participants. Topics are as follows (1) Lecture and Practical exercise a) windows operation b) soldeling and assembling c) assembly language d) car control e) C language f) HTML programming g) R & D topics (2) Company Visit (3) Study Tour
- 3.QUALIFICATION OF APPLICANT** (1) able to operate Windows 95 of personal computers and Micro-oft Office Software. (2) design or development engineers who have experienced more than three (3) years of developing and designing software or hardware for micro-computer. (3) have experience less than 1 year in developing programs by C-language. (4) have experienced in designing and developing digital circuits or print circuited board belong to governmental organization (5) over twenty-five (25) under thirty (30) years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hokkaido International Centre,Sapporo(2) Sapporo Electronics Center
- 5.REMARKS**

COMPUTER(PC APPLICATION DESIGNER)

Aug 2,2001 - Nov 24,2001, 12participants

コンピュータ (P Cアプリケーション設計者) J-01-00566

- 1.PURPOSE** This course is designed to train the persons who are or will be engaged in designing and developing small scale system using personal computer.
- 2.MAIN FEATURES OF CURRICULUM** Through lectures and exercises, participants will learn subjects such as system design and programming. Through system development workshop, participants will understand subjects deeply and acquire practical skills.
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (2) have 0.5 to 2 years of experience in programming (3) be willing to be engaged in developing small scale system using personal computer 4) be under thirty years old.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Nippon Telegraph and Telephone East Co. (NTT EAST) (3) Fujitu
- 5.REMARKS**

**COMPUTER
(CLIENT SERVER SYSTEM DESIIGNER (UNIX))**

Sep.27,2001 - Mar.21,2002, 12participants

コンピュータ (U N I Xサーバシステム設計者) J-01-00561

- 1.PURPOSE** This course is designed to train persons who are or will be engaged in designing and developing client- server system under UNIX environment.
- 2.MAIN FEATURES OF CURRICULUM** Through lectures and exercises, participants will learn subjects such as system analysis/design, database design, system evaluations and programming. Through system development workshop, participants will understand subjects deeply and acquire practical skills
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (2) have one to two years of experience in system development and more than two years experience in programming (3) be willing to be engaged in developing client/server system under UNIX environment (4) under 35 years of age.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Nippon Telegraph and Telephone East Co. (NTT EAST) (3) Fujitu
- 5.REMARKS**

**COMPUTER
(WEB APPLICATION SERVER SYSTEMDESIGNER(A))**

May.3,2001 - Oct.7,2001, 12participants

コンピュータ (W e bアプリケーションサーバシステム設計者 (A))J-01-00560

- 1.PURPOSE** This course is designed to train persons who are or will be engaged in designing and developing web-based applicaton system
- 2.MAIN FEATURES OF CURRICULUM** Through lectures and exercises, participants will learn subjects such as system analysis/design, LAN design, system evaluation, web server installation, web-based application programming. Through system development workshop, participants will understand subjects deeply and acquire practical skills
- 3.QUALIFICATION OF APPLICANT** Applicants should (1) be university graduates or equivalent (2) have one to two years of experience in system development and more than two years of experience in programming (3) be willing to be engaged in developing web-based application system, and (4) be under thirty-five years old
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Nippon Telegraph and Telephone East Co (NTT EAST) (3) Fujitu
- 5.REMARKS**

**COMPUTER
(WEB APPLICATION SERVER SYSTEM DESIGNER (B))**

Oct.4,2001 - Mar.21,2002, 12participants

コンピュータ (Webアプリケーションサーバシステム設計者 (B))J-01-00558

- 1.PURPOSE** This course is designed to train persons who are or will be engaged in designing and developing web-based application system.
- 2.MAIN FEATURES OF CURRICULUM** Through lectures and exercises, participants will learn subjects such as system analysis/design, LAN design, system evaluation, web server installation, web-based application programming. Through system development workshop, participants will understand subjects deeply and acquire practical skills
- 3.QUALIFICATION OF APPLICANT** Applicants should (1) be university graduates or equivalent (2) have one to two years of experience in system development and more than two years of experience in programming (3) be willing to be engaged in developing web-based application system, and (4) be under thirty-five years old
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Nippon Telegraph and Telephone East Co (NTT EAST) (3) Fujitsu
- 5.REMARKS**

COMPUTER (SYSTEM ANALYST (A))

Apr.12,2001 - Jul.29,2001, 12participants

コンピュータ (システム・アナリスト (A)) J-01-00562

- 1.PURPOSE** This course is designed to train persons who are or will be system analysts in charge of planning, analyzing, designing and evaluating information system.
- 2.MAIN FEATURES OF CURRICULUM** Through lectures and exercises, participants will learn subjects such as project management, system analysis/system design, and system estimation/evaluation. Besides conventional development methodology, introduction of new system development methodology applied for client-server system has been regarded.
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (2) have 3 to 7 years of experience in system development and programming (3) have no or less than two (2) years of experience as a system analyst (4)be currently or will be in charge of system analysis (5) under 35 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Nippon Telegraph and Telephone East Co (NTT EAST) (3) Fujitsu
- 5.REMARKS**

COMPUTER (SYSTEM ANALYST(B))

Nov.22,2001 - Mar.16,2002, 12participants

コンピュータ (システムアナリスト (B)) J-01-00563

- 1.PURPOSE** This course is designed to train persons who are or will be system analysts in charge of planning, analyzing, designing and evaluating information system.
- 2.MAIN FEATURES OF CURRICULUM** Through lectures and exercises, participants will learn subjects such as project management, system analysis/system design, and system estimation/evaluation. Besides conventional development methodology, introduction of new system development methodology applied for client-server system has been regarded.
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (2) have 3 to 7 years of experience in system development and programming (3) have less than 2 years of experience or will be in charge of system analysis (4) be currently or will be in charge of system analysis (5)under 35 years of age.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Nippon Telegraph and Telephone East Co (NTT EAST) (3) Fujitsu
- 5.REMARKS**

COMPUTER (DATABASE ENGINEER)

May 3,2001 - Aug 31,2001,12participants

コンピュータ (データベース技術者) J-01-00559

- 1.PURPOSE** This course is designed to train the persons who are or will be engaged in designing, developing and administrating database system under UNIX environment.
- 2.MAIN FEATURES OF CURRICULUM** Through lectures and exercises, participants will learn subjects such as data analysis, database design, and database tuning. Through system development workshop, participants will understand subjects deeply and acquire practical skills. The course is considered that participants will be able to design and develop database system which are required to realize realtime and high reliability.
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (2) have 1 to 3 year experience in system development (3) have experience in system development UNIX environment (4) be currently or willing to be in charge of designing, developing and maintaining of database. (5) be under thirty-five years old.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Nippon Telegraph and Telephone East Co. (NTT EAST) (3) Fujitsu
- 5.REMARKS**

COMPUTER (NETWORK ENGINEER(A))

May 17,2001 - Sep 30,2001, 12participants

コンピュータ (ネットワーク技術者 (A)) J-01-00564

- 1.PURPOSE** This course is designed to train the persons who are or will be the network engineer in charge of designing, constructing and operating network including LAN and WAN and those who are familiar with advanced computertechnology such as Internet.
- 2.MAIN FEATURES OF CURRICULUM** Through lectures and exercises, participants will learn knowledge necessary for network design such as Internet, LAN, WAN, and network architecture, and for maintenance/operation of network. Through the course, participants will be able to design and maintain network by considering network security.
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (2) have 1 to 3 year experience in system development and maintenance (3) have less than 2 year experience designing, installing, and maintaining of network (4) be currently or willing to be in charge of designing, installing and maintaining of network (5) be under thirty-five years old.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Nippon Telegraph and Telephone East Co. (NTT EAST) (3) Fujitsu
- 5.REMARKS**

COMPUTER (NETWORK ENGINEER(B))

Oct.23,2001 - Mar.16,2002, 12participants

コンピュータ (ネットワーク技術者 (B)) J-01-00565

- 1.PURPOSE** This course is designed to train the persons who are or will be the network engineer in charge of designing, constructing and operating network including LAN and WAN and those who are familiar with advanced computertechnology such as Internet.
- 2.MAIN FEATURES OF CURRICULUM** Through lectures and exercises, participants will learn knowledge necessary for network design such as Internet, LAN, WAN, and network architecture, and for maintenance/operation of network. Through the course, participants will be able to design and maintain network by considering network security.
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (2) have 1 to 3 year experience in system development and maintenance (3) have less than 2 year experience designing, installing, and maintaining of network (4) be currently or willing to be in charge of designing, installing and maintaining of network (5) be under thirty-five years old.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Nippon Telegraph and Telephone East Co (NTT EAST) (3) Fujitsu
- 5.REMARKS**

COMPUTER(INSTRUCTOR)

Oct 29,2001 - Mar 28,2002, 12participants

コンピュータ (情報処理技術インストラクタ) J-01-00556

- 1.PURPOSE** This course is designed to train persons who are or will be instructor in charge of training information processing personnel.
- 2.MAIN FEATURES OF CURRICULUM** Regarding instructiton techniques, participants will learn subjects such as curriculum design, subject material development and presentation through lectures and exercises. Regarding IT techniques, participants will learn basic skill of database and network such as database design and LAN installation through lectures and exercises.
- 3.QUALIFICATION OF APPLICANT** (1) be university graduates or equivalent (2) have one to three years of experience in system development and more than one year experience in programming (3) be currently or will be an instructor (4) be under thirty-five years old.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Nippon Telegraph and Telephone East Co. (NTT EAST) (3) Fujitsu
- 5.REMARKS**

COMPUTER (IT DIVISION MANAGER)

Aug.23,2001 - Nov.4,2001, 12participants

コンピュータ (情報処理部門管理者) J-01-00555

- 1.PURPOSE** This course is designed to train person who are managers or project managers in IT(Information Technology) division in charge of planning, management and operation of information processing system.
- 2.MAIN FEATURES OF CURRICULUM** Through the lectures and exercises, participants will learn subjects such as project management, IT division management and advanced computer technology. The course is also considered to include special lectures such as latest computer technology and observation of computer facilities. Besides conventional development methodology applied for client-server system has been regarded.
- 3.QUALIFICATION OF APPLICANT** (1) more than three years experience in information processing system development and/or maintenance (2) be persons who are presently a manager and under one year experience of IT division or persons who are appointed to be the manager of IT division (3) university graduate or equivalent (4) 30-45 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Nippon Telegraph and Telephone East Co. (NTT EAST) (3) Fujitsu
- 5.REMARKS**

**COMPUTER
(CLIENT/SERVER SYSTEM DESIGNER(PC))**

Apr.12,2001 - Aug 31,2001, 12participants

コンピューター (クライアントサーバシステム設計者 (P C))J-01-00557

- 1.PURPOSE** This course is designed to train persons who are or will be engaged in designing and developing of client-server system using PC servers.
- 2.MAIN FEATURES OF CURRICULUM** Through lectures and exercises, participants will learn subjects such as system analysis/design, LAN design, system evaluation and programming. Through system development workshop, participants will understand subjects deeply and acquire practical skills
- 3.QUALIFICATION OF APPLICANT** (1) be university graduates or equivalent (2) have one to two year experience in system development and more than two year experience in programming (3) be willing to be engaged in developing client/server system using PC servers (4) be under thirty-five years old
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) Nippon Telegraph and Telephone East Co. (NTT EAST) (3) Fujitsu
- 5.REMARKS**

SOLUTION BUSINESS COURSE

Jan 14, 2002 - Feb 24, 2002, 8participants

ソリューションビジネスコース

J-01-03497

- 1.PURPOSE** We contribute to attendants learn the Internet technologies and the uses of the Internet. The Internet technologies are growing as a global standard of information technologies. It would like to be very useful for them to learn its usage and technologies. And they'll make sure their countries develop.
- 2.MAIN FEATURES OF CURRICULUM** (1)To understand basic theory of internet technologies (2)To learn the latest application skills of the internet (3)To understand the structure of solution businesses which applied the Internet. (4)To learn the development method of world wide businesses which applied the Internet.
- 3.QUALIFICATION OF APPLICANT** (1) Working for telecommunication administrations or common carrier for at least 3 years.(2) University graduate or equivalent (3) Under 40 years of ages
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)JICA Hyogo International Center (2)NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION Training Institute
- 5.REMARKS** Indistinct

**INFORMATION TECHNOLOGY FOR PRIMARY AND
SECONDARY SCHOOL TEACHERS**

Oct.1,2001 - Dec.2,2001, 20participants

初等・中等学校教員のためのIT (情報技術) 研修 J-01-03501

- 1.PURPOSE** (1) To understand the basics of computer hardware, software and the internet (2) To be able to use personal computer and internet (3) To utilize information communication technology in primary and secondary school education (4) To build a human relation between Japan and respective countries
- 2.MAIN FEATURES OF CURRICULUM** (1) Basics of Information Technology(IT) (2) Computer Literacy (3) Advanced Information Technology (4) Real Application of IT
- 3.QUALIFICATION OF APPLICANT** (1) be teachers of primary and secondary school responsible for introducing IT(computers) to their schools (2) have more than 1 year of teaching experience (3) have none, or less than 3 years of experience using Personal Computers (4) be university graduates or equivalent (5) be over 22 and under 35 years of age (6) be proficient in spoken and written English (7) be nominated by their government in accordance with the procedures mentioned in IV below (8) be in good health, both physically and mentally, to undergo the course of training (as the training for long period may pose risks to pregnant body, pregnancy is regarded as a disqualifying condition for participation to this training course) (9) not be serving in the military
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Okinawa International Centre(2) College of Engineering,University of Ryukyus.
- 5.REMARKS**

INFORMATION SYSTEMS PROMOTING COURSE

Oct.15,2001 - Dec.9,2001, 9participants

情報化推進

J-01-00680

- 1.PURPOSE** Even though it may be desirable to automate office work through the use of computers and other equipment, a computer system alone will not provide excellent results if the present methods of conducting business transactions do not change. That is why this course seeks to deepen an understanding of new office work systems by re-evaluating present systems and planning methods before proceeding to the use of computers and automation. At the same time, the course will be interwoven with lectures, practice, and field trips dealing with the new way of thinking and advancing the use of computers in office automation
- 2.MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on report presentation and discussions by participants, introduction of Japanese experience and basic theories of office automation. The main themes are; (1) concept and procedures for promotion of office automation in Japanese administration (2) how to advance record management (3) how to advance business system design (4) how to advance system planning (5) how to advance on-line system design (6) design and actual situation of data base systems (7) office LAN (office communication) (8) how to advance project management (9) end user computing (10) system inspection and security (11) case studies (company visits) (12) panel discussion (human resource development in promotion of office automation)
- 3.QUALIFICATION OF APPLICANT** (1) university graduates or equivalent (2) employed by a JICA counterpart institution of their country as a project leader in office automation promotion, that is, as an employee engaged in the improvement of work procedures across a range of operational areas and the development of new procedural systems and structures through the effective use of office automation and information systems. Exceptions: (a) not be administrators in computer (information system) departments, specializing in operations associated with computers, SE's (system engineers), or programmers (b) not necessary to be administrators with deep technical knowledge - but advisable to possess at least basic knowledge of personal computer know-how to operate "Database Management System" and "Spreadsheet" software (3) under 45 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Osaka International Centre(2) Kansai Institute of Information Systems
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one week.

ENGINEERING ON WATER SUPPLY SYSTEMS

May 8,2001 - Jul 21,2001, 10participants

上水道施設技術

J-01-00639

- 1.PURPOSE** The purpose of this course is to provide participants with an opportunity to broaden theoretical and practical knowledge of water supply systems with surface water resource and sanitary engineering systems including its planning, designing, operation and maintenance through lectures, laboratory practices and observations.
- 2.MAIN FEATURES OF CURRICULUM** This course is designed to cover the following themes. (1) water supply planning (2) waterworks management (3) water purification system and Quality (4) pipeline design (5) mechanical and electrical instrumentation
- 3.QUALIFICATION OF APPLICANT** (1) be presently in a management position or a senior engineer in the field of water supply with surface water resource in the relevant organization (2) be a university graduate from the faculty of engineering or equivalent academic backgrounds
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Japan Water Works Assoc.
- 5.REMARKS**

NON-REVENUE WATER MANAGEMENT

Oct.22,2001 - Dec.10,2001, 8participants

上水道無収水量管理対策II

J-01-03529

- 1.PURPOSE** Under Planning
- 2.MAIN FEATURES OF CURRICULUM** Under Planning
- 3.QUALIFICATION OF APPLICANT** Under Planning
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Chubu International Centre
- 5.REMARKS**

WATERWORKS ENGINEERING

Jun.11,2001 - Sep 8,2001, 8participants

水道技術者養成

J-01-00573

- 1.PURPOSE** The course is designed to provide participants with basic knowledge and comprehensive technology regarding overall water supply, including water resources, intake, treatment, and distribution facilities, and water service installations. It also provides information on the integrated methodology of planning and technology required for operation and maintenance. The final goal of the course is to contribute to improving and promoting the water supply in developing countries, ensuring a safe and potable drinking water supply for communities.
- 2.MAIN FEATURES OF CURRICULUM** This course mainly deals with, (1) water leak prevention (2) water quality control (3) water treatment facilities (4) water distribution planning and pipe network (5) design and construction management (6) water service installations
- 3.QUALIFICATION OF APPLICANT** (1) senior technical official in charge of waterworks in central or local government, or in public bodies with more than three years of practical experience (2) university graduate or equivalent (3) under 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hokkaido International Centre,Sapporo(2) Sapporo Waterworks Bureau
- 5.REMARKS**

OPERATION AND MAINTENANCE OF URBAN WATER SUPPLY SYSTEMS

May.21,2001 - Aug 12,2001, 7participants

都市上水道維持管理

J-01-00597

- 1.PURPOSE** This course is intended for experts and administrators who are expected to take responsible roles in the improvement of main waterworks in their respective countries where deterioration of water sources and the lack of water supply due to the increase of population in urban areas is a serious problem. The purpose of this course is to provide participants with broad knowledge such as the strategy for general maintenance and management of facilities, establishment of maintenance system, water purification technology, etc., while making effective use of existing facilities.
- 2.MAIN FEATURES OF CURRICULUM** This course is conducted mainly by practice and discussion, and report making is requested at the end of each session. Main contents are: (1) introduction of waterworks (2) operation and maintenance of water supply facilities (3) water purification technology (4) planning of urban water supplying system
- 3.QUALIFICATION OF APPLICANT** (1) inspectors, chiefs, or superintendents of urban water supply schemes/authorities using surface water resources (2) have experience of at least 3 years in the above mentioned field (3) between 28 and 40 years of age.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Osaka International Centre(2) Osaka Municipal Waterworks Bureau
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks.

OPERATION & MAINTENANCE OF SEWERAGE FACILITIES

Aug.13,2001 - Oct.15,2001, 6participants

下水道維持管理

J-01-00585

- 1.PURPOSE** The course is designed for technical administrative officials engaged in providing sewerage works in developing countries. The purpose of this course is to give them training in the maintenance of sewers and wastewater treatment plants, utilization of resources (i.e., treated wastewater and sludge), and control of water pollution due to industrial wastewater, and thereby to improve their capability of managing and carrying out sewerage works.
- 2.MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on practice and exercise concerning operation and maintenance of sewerage facilities. It mainly deals with; (1) basic concept of sewerage system (2) maintenance of sewers (3) management of wastewater treatment plants (4) utilization of treated wastewater and sludge (5) controlling water pollution due to industrial wastewater (6) finance of sewerage works.
- 3.QUALIFICATION OF APPLICANT** (1) be a university graduate or equivalent in this field, and have more than three years of practical experience (2) senior technical officer in charge of sewerage works in central or provincial government, or in local bodies (3) under 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hokkaido International Centre,Sapporo(2) Sewerage Bureau, City of Sapporo
- 5.REMARKS**

SEWAGE WORKS ENGINEERING II

Aug.16,2001 - Nov.11,2001, 11 participants

下水道技術II

J-01-00167

- 1.PURPOSE** The purpose of the course is to provide participants with a basic knowledge of sewage collection, urban drainage systems, sewage treatment and disposal, and sludge handling, as well as to furnish them so that the participants would be able to play their greater role for further progress and advancement of sewerage works in their respective countries.
- 2.MAIN FEATURES OF CURRICULUM** This course covers the following themes: (1) basic theory of sewerage and sewage purification (2) process and methods for planning and designing sewers, pumping stations, and sewage and sludge treatment facilities (3) rough master plan for a sewage systems (4) pretreatment of industrial wastewater (5) significance and methods of water quality analysis (6) advanced sewage and sludge treatment technology
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent with more than three years of practical experience (2) senior technical officer in charge of sewerage works in central or provincial government, or in government related organization (3) under 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Japan Sewage Works Agency
- 5.REMARKS** Country Reports will be highly utilized both for the selection of participants and for the country report presentation.

STORMWATER DRAINAGE TECHNOLOGY WITH SEWERAGE SYSTEM

Aug 20,2001 - Nov 22,2001, 6participants

都市排水

J-01-03325

- 1.PURPOSE** The purpose of this course is to offer technical administrative officers an opportunity to acquire knowledge and technological know-how on sewerage system improvement (basic planning, designing, construction, and maintenance), with emphasis on rainwater drainage works in urban areas, and hence contributing to the improvement of the expertise of the leading administrative officers in this field, and the effective execution of sewerage system improvements in participating countries.
- 2.MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on laboratory experiments and introduction of Japanese experience. The main themes are: (1) introduction to sewerage system (2) urbanization and urban drainage (3) improvement of urban sewerage system and countermeasures against stormwater (4) designing and construction of urban drainage facilities (5) maintenance of urban drainage facilities (6) improvement of urban infrastructure
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or those with equivalent technical qualifications in this field, and have five or more years of practical experience (2) between 30 and 40 years of age (3) technical administrative officers in charge of sewerage works in the government or government-affiliated organizations
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Osaka International Centre(2) Ministry of Construction (3) Osaka City Sewage Works Bureau
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for two weeks.

TECHNOLOGY FOR INSPECTION OF WATER POLLUTION IN URBAN AREAS II

May.14,2001 - Jul.15,2001, 5 participants

都市型水質汚濁検査技術II

J-01-03515

- 1.PURPOSE** This specially offered training course is designed to contribute to the promotion of countermeasures against water pollution by comprehensively introducing water quality inspection technology and preventive measures against water pollution to engineers engaged in this field. Through this course participants are expected (1)to systematically understand inspection technology necessary for scientific administration regarding issues of environmental deterioration by water pollution. (2)to acquire knowledge necessary for improving water quality control administration by comprehensively understanding preventive measures against water pollution in Sapporo.
- 2.MAIN FEATURES OF CURRICULUM** This course covers the following topics. (1)Lectures (a) water quality control (b) water pollution prevention measures administration of waterworks, sewerage and waste substance (2)Observation tours (a) waterworks, sewerage and waste treatment facilities (3) Discussion and Presentation
- 3.QUALIFICATION OF APPLICANT** (1)be university graduates or persons who have equivalent technical qualifications in this field (2)be either technicians or engineers in research institute for water pollution or in a department of water pollution administration in central or provincial government, or in local bodies (3) be under 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hokkaido International Centre,Sapporo(2) Sapporo Institute of Public Health
- 5.REMARKS**

URBAN SOLID WASTE MANAGEMENT

Aug 6,2001 - Nov.4,2001, 6participants

都市廃棄物処理

J-01-03366

- 1.PURPOSE** The purpose of the course is to contribute to the improvement of public health in participating countries by training personnel to take leadership and middle management roles in planning and implementing waste management programs in their own countries. This will be accomplished by having participants learn in detail about waste management in big cities in Japan. They will also learn about the special characteristics of urban waste management programs while acquiring comprehensive knowledge on waste management.
- 2.MAIN FEATURES OF CURRICULUM** In this course, the emphasis is put on introduction of the Japanese experience. The main themes are: (1) outline of waste management (2) outline of regional administration (3) economics and measures to counteract pollution (4) domestic waste management (5) intermediate treatment facilities (6) final disposal site (7) restrictions on industrial waste management
- 3.QUALIFICATION OF APPLICANT** (1) Engineers or administrative officials with at least three years of waste management experience or an equivalent level of specialized knowledge. Applications should also be limited to those who will continue working in the field of waste management after the training course (2) University graduates having majored in analytical chemistry or microbiology, or those with equivalent technical knowledge (3) Under 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Osaka International Centre(2) Osaka City Environmental Management Bureau
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one week.

COMPREHENSIVE WASTE MANAGEMENT TECHNIQUE

May,7,2001 - Aug 10,2001, 8participants

廃棄物管理総合技術

J-01-03526

- 1.PURPOSE** This course aims to help government officials who are in charge of waste management in developing countries to improve their practical capabilities to execute waste management by reviewing and analyzing Japanese experience in the sector.
- 2.MAIN FEATURES OF CURRICULUM** (1) It mainly covers: The classification of waste and the entire cycle of waste management - from waste collection to disposal, which adopted in Japan (2) Environmental education, environmental assessment and ISO14000 series.
- 3.QUALIFICATION OF APPLICANT** draw a future strategy for effective waste management in each country with what participants would learn in this course. (1) be a senior technical staff who is in charge of solid waste management at the national / local government, or public organizations, (2) have a university degree or the equivalent, with more than three (3) years of work experience in the field of waste management,(3) Language Preference: English, TOEFL550 or equivalent;(4) be under forty (40) years of age,(5) be nominated by their government in accordance with the procedures, (6) be in good health, both physically and mentally, to undergo the training, and (7) not be serving in the military.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Chugoku International Centre(2) Hiroshima Pref. Health & Environment
- 5.REMARKS** A compulsory 25-hour Japanese language course will be conducted prior to the technical training.

SEMINAR ON COMPREHENSIVE SOLID WASTE MANAGEMENT

May.15,2001 - Jul 21,2001, 10participants

廃棄物総合管理セミナー

J-01-00671

- 1.PURPOSE** The main purpose of the seminar is to provide participants with knowledge and techniques required particularly for domestic and industrial solid waste management through the forms of lectures, discussion, laboratory practice and field studies, for the purpose of cultivating faculty of practical planning of waste management. The seminar is also intended to introduce recent aspects of solid waste management in Japan and its international technical cooperation activities in this field.
- 2.MAIN FEATURES OF CURRICULUM** The following major subjects will be covered in this seminar by means of lectures, observations, and discussions: (1) solid waste management administration (2) planning and institution of solid waste management (3) reduction of recycling of household waste and citizen's participation (4) hazardous waste management (5) solid waste management technique (6) country report (7) action plan (8) evaluation
- 3.QUALIFICATION OF APPLICANT** (1) be nominated by their government, (2) be mid-career officials presently in charge of solid waste management in the central or provincial governments or in local bodies, with more than two (2) years of occupational experiences in this field, (3) be under fifty (50) years of age, (4) be university graduates or possess equivalent technical qualifications in this field, (5) have a sufficient command of spoken and written English, (6) be in good health, both physically and mentally, to undergo the seminar, as the seminar over a long period may bring risks to pregnant women, pregnancy is regarded as a disqualifying condition for participation, and (7) not be serving in any form of military services.
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Japan Environmental Sanitation Center
- 5.REMARKS** Country Reports will be highly utilized both for the selection of participants and for the Country Report presentation.

PRACTICAL TRAINING FOR MOTOR VEHICLE INSPECTION SYSTEM

Nov 5,2001 - Dec.14,2001, 8participants

自動車検査制度

J-01-03374

- 1.PURPOSE** This course is designed to provide personnel in charge of motor vehicle administration with an opportunity to realize the importance in the area of motor vehicle administration of the establishment of systems for inspection and maintenance and repair through lectures and training concerning such systems, thereby contributing to the establishment of systems for inspection and maintenance and repair
- 2.MAIN FEATURES OF CURRICULUM** In addition to understanding the concepts of systems for inspection and maintenance and repair, to acquire the knowhow to establish such systems in their own countries; (1) Motor vehicle inspection system, etc. (lectures; about 2 days) (2) Work practice, etc. in motor vehicle inspection (lectures/training; about 4 weeks) (a) Training using inspection instruments (b) Training in motor vehicle maintenance and repair (at the level of third class maintenance and repair mechanic) (3) Visits to motor vehicle manufacturers, etc. (about 2 days) (4) Visits to motor vehicle inspection sites, maintenance and repair factories (about 2 days)
- 3.QUALIFICATION OF APPLICANT** (1) technical officials engaged in motor vehicle administration, and has between 3 and 15 years of work experience in this field (2) between 20 and 40 years of age (3) senior high school graduate or equivalent
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hachioji International Training Centre(2) Road Transport Bureau,Ministry of Land, Infrastruc
- 5.REMARKS**

**MODERNIZATION OF CARGO
TRANSPORT(PHYSICAL DISTRIBUTION)**

Apr 2,2001 - Jun.4,2001, 8participants

物流近代化

J-01-00606

- 1.PURPOSE** To provide with opportunities to study plans, techniques, and information about modernization of physical distribution, especially on land transport such as truck transport, packaging, storing, handling, transport and information management.
- 2.MAIN FEATURES OF CURRICULUM** The emphasis is put on lectures and observation to cargo transport facilities. The main topics of the lectures are (1) introduction of physical distribution in Japan (2) administration of physical distribution, in the observation participants will observe the fundamental activities of physical distribution such as Cargo Handling, Packaging, Storage, Transportation, Distribution Processing and Information & Communication. At the end of the training, participants will present an applicable action plan for their respective countries.
- 3.QUALIFICATION OF APPLICANT** (1) currently engaged in the field of cargo transport (especially land transport) at governmental or public organizations, with three '3' years or more of experience in this field (2) not engaged in the field of road construction and management, traffic survey and control and passenger transport (3) university graduates or equivalent (4) between twenty-eight '28' and forty five '45' years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Chubu International Centre(2) MLIT
- 5.REMARKS** A compulsory intensive Japanese language course will be conducted prior to the technical training for one week (25 hours).

ROAD ENGINEERING AND ADMINISTRATION

Jul 9,2001 - Sep 6,2001, 5participants

道路技術

J-01-03516

- 1.PURPOSE** This course incorporates lectures on the basic knowledge of general road technologies, practical exercises and study tours, and is designed to allow participants to learn practical technologies of road inspection, planning, designing, construction, maintenance and management to improve the road technologies of their countries and regions and to promote their national or regional land development. Through the course, participants are expected to have (1)an understanding of specific legal systems, budgetary and financial systems, and executive organizations concerning roads (2)an understanding of road inspection and planning (3) an understanding of road designing and construction (4) an understanding of road maintenance and repair (5) an understanding of road management (6) an understanding of bidding and contacts for construction
- 2.MAIN FEATURES OF CURRICULUM** This course covers the following topics. (1)Lectures (a) road planning (b) road design (c) road management (d) road maintenance (2) Practical exercise of construction design (3) Study tour (a) facilities concerning road management (b) asphalt and concrete plants
- 3.QUALIFICATION OF APPLICANT** (1) be university graduates or who have equivalent technical qualifications in this field, and have at least 3 years of practical experience (2) be senior technical officer in charge of road administration or road construction project in central or provincial government, or in local bodies (3) be over 25 and under 40 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Hokkaido International Centre,Sapporo(2) Construction Bureau,City of Sapporo
- 5.REMARKS**

SEMINAR ON ROAD ADMINISTRATION

Sep 3,2001 - Oct.31,2001, 14participants

道路行政セミナー

J-01-00691

- 1.PURPOSE** The seminar is designed to improve the knowledge of personnel who are currently engaged in highway construction, design, and maintenance through the introduction of road construction technology developed in Japan.
- 2.MAIN FEATURES OF CURRICULUM** The most important part of the seminar is Country Report presentation and discussion for comparative study. Another major part is introduction of Japanese systems, situations and cases as follows. (1) present situation of roads and road transportation, which includes traffic safety, disaster prevention, new transportation systems, etc. (2) outline of special large-scale projects in which the most advanced techniques in this field are concentrated (3) road environmental problems and measures for protecting the living environment along highways (4) technical standards for design of highways, bridges, and pavements
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (2) engineer with more than two years of experience in the field of highway construction, design, and maintenance (3) under 35 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Road Bureau, MLIT
- 5.REMARKS** Country Reports will be highly utilized both for the selection of participants and for the Country Report presentation.

**REGULATION AND CERTIFICATION SYSTEM FOR
MOTOR VEHICLE CONSTRUCTION**

Jan 15,2002 - Feb 23,2002, 6participants

自動車構造基準認証制度

J-01-00323

- 1.PURPOSE** The purpose of the course is to provide participants with both comprehensive and practical knowledge of administrative systems for motor vehicle, and thus to contribute to creating the most suitable administrative system for motor vehicle in their respective countries.
- 2.MAIN FEATURES OF CURRICULUM** This course mainly consists of lectures and observations. The following are the major subjects to be covered in the course. (1) administrative systems of motor vehicle and related laws and regulations in Japan (a) safety and pollution control regulations (b) maintenance, repair and inspection systems (c) registration system (d) road transport business regulations (e) insurance system (f) driver's licence system, etc. (2) motor vehicle safety and pollution control engineering (3) motor vehicle standards and production activities (4) business and services for traffic safety
- 3.QUALIFICATION OF APPLICANT** (1) university graduate or equivalent (2) be engaged in the field of administration, preferably administrator for policy and system making on motor vehicle inspection, registration and control in governmental or public organizations. Automotive engineers for design, production and/or maintenance are strictly not requested to apply (3) under 50 years of age
- 4.JICA CENTER / TRAINING INSTITUTIONS** (1)Tokyo International Centre(2) Road Transport Bureau,Ministry of Land,(3) Automobile Inspection & Registration Association
- 5.REMARKS**