

Ecomanagement

〈自然環境保全〉

CONSERVATION & SUSTAINABLE MANAGEMENT OF CORAL REEFS

サンゴ礁保全

TARGET REGION: The country which has Coral Reefs' habitat area

May 27, 2003 ~ Aug 17, 2003 7 participants J0300669

OVERALL GOAL / PURPOSE

This course is designed to contribute to the promotion of coral reefs conservation. The purpose of the course is to provide administrative and/or technical officials in charge of conservation of coral reefs of tropic and sub-tropic countries with the knowledge and skills on research and planning methods and practical measures required for the promotion of sustainable management of coral reefs.

QUALIFICATION OF APPLICANT

- (1) administrative and/or technical official presently engaged in coral reefs conservation in a public organization with practical experience of 5 or more years
- (2) university graduate or equivalent
- (3) skilled in snorkeling
- (4) under 40 years of age

LANGUAGE

English

COURSE CONTENTS

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, Report Making/Presentation 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 (Desk Top Publishing (DTP))
- (5) Joint Programme with Mangrove course (See remarks)

TRAINING INSTITUTIONS

MINISTRY OF THE ENVIRONMENT

JICA CENTER

Okinawa International Centre

COOPERATION PERIOD

2000 ~ 2004

REMARKS

Including joint programme with J0300662 "Sustainable Management of Mangrove Ecosystems" course.

MARINE ENVIRONMENT PROTECTION II

海洋環境保全II

TARGET REGION: Maritime State (Country)

Sep.23, 2003 ~ Nov.2, 2003 10 participants J0300822

OVERALL GOAL / 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.

QUALIFICATION OF APPLICANT

- (1) Managerial position or that position within a few years
- (2) University graduate or equivalent, or have an occupational experience of more than 5 years in the field of Marine Environment Protection
- (3) Administrative officer presently engaged in the above mentioned field (not engineer)
- (4) Under 40 years of age

LANGUAGE

English

COURSE CONTENTS

This course consists of Lectures and Practice.

The main themes are;

- (1) Outline of Japan Coast Guard
- (2) International Framework of marine environment protection
- (3) Law enforcement against illegal discharge
- (4) Outline of oil/water analysis
- (5) Practice

TRAINING INSTITUTIONS

JAPAN COAST GUARD

JICA CENTER

Okinawa International Centre

COOPERATION PERIOD

2003 ~ 2007

REMARKS

MANAGEMENT OF ECOTOURISM AND SUSTAINABLE USE OF NATURAL PARKS

自然公園の管理・運営と利用(エコツアー)

TARGET REGION: Middle and East Europe, Central and East Asia including Bhutan and Nepal

Sep.7, 2003 ~ Oct.26, 2003 7 participants J0300756

OVERALL GOAL / PURPOSE

This course is designed for middle-class officials in charge of introducing and implementing eco-tourism at administration of nature parks in developing countries to enhance the awareness on conservation of environment and wise use of natural resources based on the idea of Ramsar convention, convention on the world heritage, and the international convention on biological diversity.

QUALIFICATION OF APPLICANT

- (1) Responsible for nature conservation, management and administration of a natural parks and promotion of environmental education
- (2) Eager to coordinate field activities and environmental Education
- (3) University graduate or equivalent
- (4) Be in good health to undergo the field training. Pregnancy is regarded as a disqualifying condition

LANGUAGE

English

COURSE CONTENTS

- (1) Understand the systems and ideas on conservation of environment, management and wise use of natural resources, and community development implemented in Japan.
- (2) Understand the systems and ideas eco-tourism returning economical profits to conservation of environment, management and wise use of natural resources, and community development.
- (3) Understand outlines of eco-tourism implemented in each respective countries of participants, and discuss methods to enhance the management and administration of natural parks and wise use of natural resources.
- (4) Contribute to the promotion of international cooperative projects which meet the objectives of Ramsar convention, convention on the world heritage, and the international convention on biological diversity.

TRAINING INSTITUTIONS

KUSHIRO INTERNATIONAL WETLAND CENTRE

JICA CENTER

Hokkaido International Centre, Obihiro

COOPERATION PERIOD

2002 ~ 2006

REMARKS

Applicants who don't attach their Job Report to the Nomination Forms will not be duly considered.
URL: <http://www.jica.go.jp/branch/hico/index.html>

CONSERVATION OF WETLAND ECOSYSTEMS AND THEIR BIOLOGICAL DIVERSITY

湿地環境及び生物多様性保全

May.20, 2003 ~ Jul.4, 2003 8 participants J0300622

OVERALL GOAL / PURPOSE

QUALIFICATION OF APPLICANT

This course is designed to enhance professional knowledge and techniques required for middle-class government technical officials, who are in charge of conservation of wetland ecosystems and the biological diversity. The course also intends to contribute to the promotion of international cooperative projects which meet the objectives of international conservation, in pursuit of site-specific conservation, management, and wise use of wetlands and conservation of the biological diversity.

(1) middle-class technical officer presently in charge of conservation of wetland ecosystems and their biological diversity at central or local government levels
(2) between 3 years and 8 years of experience in this field
(3) between 28 and 38 years of age

LANGUAGE

English

COURSE CONTENTS

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.

TRAINING INSTITUTIONS

MINISTRY OF THE ENVIRONMENT

JICA CENTER

Hokkaido International Centre, Obihiro

COOPERATION PERIOD

1999 ~ 2003

REMARKS

Applicants without Job Report & Questionnaire to the Nomination Forms will not be duly considered.
URL: <http://www.jica.go.jp/branch/hico/index.html>

WATER ENVIRONMENTAL MONITORING

水環境モニタリング

Sep.23, 2003 ~ Nov.22, 2003 10 participants J0300688

OVERALL GOAL / PURPOSE

QUALIFICATION OF APPLICANT

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. Then, this course aims to provide necessary information and skills on the water quality monitoring.

(1) be a university graduate who majored in chemistry, chemical engineering, environmental engineering, environmental science, or have the equivalent academic background,
(2) be laboratory staff or ones who are engaged in water quality monitoring,
(3) desirably the age between 25 to 35.

LANGUAGE

English

COURSE CONTENTS

1) Mechanism of water pollution and its effects on our life i) History of water pollution in Japan ii) Behavior and fate of pollutants in water system iii) Adverse effects of water pollution on ecosystems, society and economy
2) Water pollution control system i) Regulation, roles of governmental organizations including analytical laboratories ii) Worth in monitoring work
3) Methodology of water quality monitoring i) Development of monitoring system ii) Laboratory practice on water analysis; a) total organic carbon by using a total organic carbon analyzer(TOC), b) heavy metals by using an atomic absorption spectrometer (AAS), c) agricultural chemicals by using a gas chromatograph with electron capture detector(GC/ECD) and high performance liquid chromatograph(HPLC), d) anions and cations by using a high performance ion chromatograph(IC) iii) Data interpretation

TRAINING INSTITUTIONS

Nat'l Env. Training Institute, Min. of Environment

JICA CENTER

Hachioji International Centre

COOPERATION PERIOD

2000 ~ 2004

REMARKS

Cooperation Institution: Japan Society on Water Environment

ENVIRONMENTAL MANAGEMENT OF REGIONAL DRAINAGE BASIN

地域流域環境管理II

May.11, 2003 ~ Jul.27, 2003 8 participants J0300785

OVERALL GOAL / PURPOSE

QUALIFICATION OF APPLICANT

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 basic concept and methods for management of Regional Drainage Basin Environment through lecture, observation and discussion about the situation of own countries by each participant.

(1) administrative and technical officer, a planner, a researcher, or an educator engaged in improvement, development and research activities of Drainage basin environmental management,
(2) background such as : geography, geomorphology, hydrology, ecological conservation, water management, soil conservation

LANGUAGE

English

COURSE CONTENTS

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 with residents' volunteers and NGOs) (*notice; These subject has possibility to change in detail)

TRAINING INSTITUTIONS

Hokkaido University

JICA CENTER

Hokkaido International Centre, Obihiro

COOPERATION PERIOD

2003 ~ 2007

REMARKS

Applicants who don't attach their Job Report to the Nomination Forms will not be duly considered.
URL: <http://www.jica.go.jp/branch/hico/index.html>

CONVERSATION AND SUSTAINABLE USE OF TROPICAL MARINE BIOLOGICAL DIVERSITY 熱帯海洋生物多様性の保全と持続的利用技術	
TARGET REGION: Pacific countries and Southeast Asian countries	Oct.14, 2003 ~ Jul.26, 2004 5 participants J0300735
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
Through the training programme, participants are expected: 1. to acquire knowledge necessary to become specialists who can conduct basic research about the conservation of biodiversity and its sustainable use. 2. to familiarize with research procedures or experimental techniques concerning marine biotechnology by having them participate in actual work performed at the laboratories of the training institution.	1) be a researcher with a bachelor's or higher degree of organic chemistry, micro biology, biological chemistry, or molecular biology, 2) have an experience of more than 3 years in the mentioned fields, 3) be under 40 years of age
COURSE CONTENTS	LANGUAGE
This course is consisted of research at the labs and study tours. Each participants will belong to one of the following 5 research groups to participate in the research programme conducted at the institute. Research theme at the fiscal year 2002 (as a reference) 1) Identification of marine micro-algae 2) Isolation of marine bacteria and search for useful substances 3) Utilization of useful substances produced by marine microorganisms 4) Search for useful microorganisms associated with marine invertebrates 5) Analysis of bacterial consortia and application for environmental evaluation	English
	TRAINING INSTITUTIONS
	MARINE BIOTECHNOLOGY INSTITUTE CO.,LTD.
	JICA CENTER
	Tohoku Branch Office
	COOPERATION PERIOD
	2002 ~ 2006
	REMARKS

SYSTEM OF ENVIRONMENT MANAGEMENT OF ENCLOSED COASTAL SEAS 閉鎖性海域の水環境管理技術	
	Aug.18, 2003 ~ Nov.2, 2003 6 participants J0300673
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
This is designed to provide the officials in administrative bodies which are engaged in the environmental management of enclosed coastal seas with the following aspects: 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 countries 2) an opportunity in which the participants can discuss with JPN experts in environment field & exchange views & opinions	(1) presently engaged in the administrative bodies who are presently engaged in the environmental management of enclosed coastal seas, (2) univ. graduates and/or have practical experience of more than 5 years as an administrator in the field of environmental management of enclosed coastal seas, (3) 26-40 years of age
COURSE CONTENTS	LANGUAGE
Lectures: (1) GENERAL VIEW 1) Definition and Characteristics 2) Social aspects, (2) PHENOMENA & MECHANISM OF WATER POLLUTION 1) General information 2) Tidal flow, (3) ECOSYSTEMS 1) Wetland 2) Mangrove 3) Aquaculture & Fishery 4) Seagrass Monitoring, (4) MODELING / NUMERICAL SIMULATION 1) General Information 2) Numerical Simulation; Osaka Bay, (5) INVESTIGATION & MEASUREMENT 1) Monitoring Plan 2) Analytical Method 3) Remote Sensing 4) GIS Technique, (6) VISIT NATIONAL INSTITUTES 1) Research Information 2) Policies Information Practice and observation: (1) PHENOMENA & MECHANISM OF WATER POLLUTION 1) Organic/ inorganic pollution 2) Eutrophication, (2) ECOSYSTEMS 1) Seagrass Monitoring, (3) INVESTIGATION & MEASUREMENT 1) Monitoring Plan 2) Analytical Method, (4) MANAGEMENT 1) Waste Water/Sewage Treatment 2) Environmental Education	English
	TRAINING INSTITUTIONS
	INTERNATIONAL EMECS CENTER
	JICA CENTER
	Hyogo International Centre
	COOPERATION PERIOD
	2000 ~ 2004
	REMARKS
	A compulsory intensive Japanese language course will be conducted prior to the technical training for 40 hours.

SUSTAINABLE MANAGEMENT OF MANGROVE ECOSYSTEMS 持続可能なマングローブ生態系管理技術	
TARGET REGION: The country which has mangroves ecosystem area	May.27, 2003 ~ Aug.17, 2003 6 participants J0300662
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The purpose of this course is for participants to acquire managerial technique for sustainable utilization of mangrove ecosystem by studying the characteristics of the ecosystem and by designing proper management plans. In this way, this course aims to contribute to the environmental conservation of the world.	(1) university graduate or equivalent, and working presently in forest or mangrove field for more than three (3) years (2) involved with mangrove management as a leader or a potential leader (3) under 41 years of age
COURSE CONTENTS	LANGUAGE
This course consists of Lectures, Report Making, Field and Laboratory Work, and Field Trip. (1) Biology (2) Silviculture (3) Aquaculture (4) Management Plans and Strategy (5) Public Awareness (6) Coastal Ecosystem Conservation (See Remarks) (7) Report Making (8) Field and Laboratory Work	English
	TRAINING INSTITUTIONS
	INT'L SOCIETY FOR MANGROVE ECOSYSTEMS (ISME)
	JICA CENTER
	Okinawa International Centre
	COOPERATION PERIOD
	2000 ~ 2004
	REMARKS
	Including Joint Programme with J0300669 "Conservation & Sustainable Management of Coral Reefs" course.

PRACTICAL CASE STUDIES ON SUSTAINABLE FOREST MANAGEMENT

持続可能な森林経営の実践活動促進

Aug.12, 2003 ~ Nov.1, 2003 12 participants JO300699

OVERALL GOAL / PURPOSE

Through the training program, participants are expected to acquire the technology and knowledge in the following items.
 1. Forest resource monitoring by using the criteria and indicators for sustainable forest management.
 2. Practical planning of national forest by using participatory method.

QUALIFICATION OF APPLICANT

- (1) technical staff in charge of forest management in the governmental organizations and have more than five years of experience
- (2) university graduate or equivalent
- (3) not more than 45 years of age

LANGUAGE

English

COURSE CONTENTS

- (1) Introduction
- (2) Criteria and Indicators of SFM
- (3) Forest resource monitoring
- (4) National forest program
- (5) Participatory method
- (6) Case studies in local areas for sustainable forest management

TRAINING INSTITUTIONS

FOREST TRAINING INSTITUTE OF THE FORESTRY AGENCY

JICA CENTER

Hachioji International Centre

COOPERATION PERIOD

2000 ~ 2004

REMARKS

A compulsory intensive Japanese language will be conducted prior to the technical training for two weeks (50 hours).

FOREST RESEARCH II

森林研究II

Aug.19, 2003 ~ Nov.23, 2003 5 participants JO300749

OVERALL GOAL / PURPOSE

The course is designed to upgrade knowledge and skill of the researchers in the field of forestry, forest products and forest function research.
 Through the training program, participants are expected to:
 -Obtain comprehensive knowledge and new technology of forest research
 -Develop a higher ability to carry out research in their own subjects in forest research

QUALIFICATION OF APPLICANT

- (1) University/college graduate or equivalent
 - (2) Research scientist of forest research organizations or universities with at least 5 years of occupational experience
 - (3) Under 50 years of age.
- Note: This training course is not designed for administrators, but for research scientists.

LANGUAGE

English or Japanese

COURSE CONTENTS

Forest Research is designed to provide researchers with latest knowledge and methodology of forest research. There are three main themes of the course, namely, Forestry, Forest Products and Forest Function Research. Only one theme is focused in one year, therefore, this course is operated in a cycle of three (3) years.
 Schedule for themes conducted in coming years is as follows:
 Year 2003 Forest Products
 Year 2004 Forest Function Research

TRAINING INSTITUTIONS

Forestry and Forest Products Research Institute

JICA CENTER

Tsukuba International Centre

COOPERATION PERIOD

2002 ~ 2006

REMARKS

Homepage: <http://www.flpri.affrc.go.jp/>

FOREST MANAGEMENT TECHNIQUE

森林造成技術者育成

Aug.24, 2003 ~ Nov.23, 2003 12 participants JO300657

OVERALL GOAL / PURPOSE

The objective of this training course is to develop core persons for conservation and nurture of forest resources and afforestation promotion in each country by learning history and role of Japanese forest, forestry administration, importance of conservation and management activities with participation of residents and management and afforestation techniques.

QUALIFICATION OF APPLICANT

- (1) Technical officer or administrative officer who are engaged in related field
- (2) have more than five years of experience
- (3) university graduate or equivalent
- (4) not more than 40 years of age

LANGUAGE

English

COURSE CONTENTS

Through the training programme, participants are expected to
 1) Understand the role of forest and timber industry and forestry administration in Japan.
 2) Acquire knowledge of forest conservation and management with participation of residents.
 3) Acquire knowledge related to silviculture, breeding, forest road, afforestation, conservation techniques and dissemination.
 4) Acquire knowledge of afforestation in tropical forest.

TRAINING INSTITUTIONS

Japan Overseas Forestry Consultants Association

JICA CENTER

Hokkaido International Centre, Obihiro

COOPERATION PERIOD

2000 ~ 2004

REMARKS

Applicants who don't attach their Job Report to the Nomination Forms will not be duly considered.
 URL: <http://www.jica.go.jp/branch/hico/index.html>

FOREST SOILS 森林土壌	
Aug.26, 2003 ~ Oct.30, 2003 6 participants JO300335	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The course is designed to introduce the knowledge on forest soils and the method of the forest soil survey in Japan to those who are presently engaged in practice and research work in forestry in governmental organizations.	(1) working in a forestry research organization or university with more than five years of occupational experience in forest soil research (2) university graduate or equivalent (3) 40 years of age or younger
COURSE CONTENTS	LANGUAGE
This course consists of Lectures and Field/Laboratory work. (1) Forest and forestry in Japan (2) Forest Soil (3) Utilization of soil survey and soil maps (4) Soil analysis (5) Laboratory work & Field work	English
	TRAINING INSTITUTIONS
	FACULTY OF AGRICULTURE, UNIVERSITY OF THE RYUKYUS
	JICA CENTER
	Okinawa International Centre
	COOPERATION PERIOD
	2000 ~ 2004
	REMARKS

SUSTAINABLE FOREST MANAGEMENT IN CONSERVATION AREA 森林保護地域等の管理・経営	
Jan.20, 2004 ~ Mar.14, 2004 7 participants JO300627	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
Through the training program, participants are expected to acquire the technology and knowledge in the following items. (1) Condition of forestry and forest policy in Japan (2) Methods of conservation and sustainable use for preserved forest in Japan (3) Methods of conservation and sustainable use for preserved forest in developing countries	(1) Technical staff in charge of forest management in the governmental organizations and have more than three years of experience (2) University graduate or equivalent (3) Not more than 40 years of age
COURSE CONTENTS	LANGUAGE
This course is designed to balance lecture and practice, and the main themes are: (1) Condition of forestry and forest policy in Japan (2) Methods of conservation and sustainable use for preserved forest in Japan (3) Methods of conservation and sustainable use for preserved forest in developing countries (4) Study Tour	English
	TRAINING INSTITUTIONS
	FOREST TRAINING INSTITUTE OF THE FORESTRY AGENCY
	JICA CENTER
	Hachioji International Centre
	COOPERATION PERIOD
	1999 ~ 2003
	REMARKS

BIODIVERSITY INFORMATION SYSTEM 生物多様性情報システム	
Sep.23, 2003 ~ Nov.23, 2003 10 participants JO300789	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
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 info. by Internet	(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
COURSE CONTENTS	LANGUAGE
(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 (6) Practice of using GIS (7) Practice of using Database	English
	TRAINING INSTITUTIONS
	Nature Conservation Bureau, Min of the Environment
	JICA CENTER
	Hachioji International Centre
	COOPERATION PERIOD
	2003 ~ 2007
	REMARKS
	http://www.biodic.go.jp/

Fisheries

〈水産開発〉

SEMINAR ON COASTAL FISHERIES MANAGEMENT

沿岸漁業の管理行政

Jul.17, 2003 ~ Aug.24, 2003 10 participants JO300664

OVERALL GOAL / PURPOSE

Coastal fisheries are very difficult to manage due to the complex situation where too many fishermen catch a large variety of fish species using many types of fishing gear. In Japan, over several centuries, coastal fisheries villages have developed their own community based management system suitable to its natural and social environment. The programme will enhance the capability of participants involved in policy and planning of coastal and inland fisheries management, using Japanese experiences.

QUALIFICATION OF APPLICANT

- (1) director or government official at an equivalent level in charge of development planning in the fisheries sector and with more than five years' occupational experience
- (2) university graduate or equivalent
- (3) under 50 years of age

LANGUAGE

English

COURSE CONTENTS

The programme is one-month duration and includes Japanese case studies on coastal fisheries management including legal, institutional and anthropological analysis. The situation and problems in participants' countries will also be analyzed. As an output of this course, all participants are requested to make a study report. As a contents of the study report, the participants should discuss about relationship between their home country problems and what they gain through the training course. The study report will be the "seed" to formulate a project plan for coastal fisheries management, after going back to their home country.

TRAINING INSTITUTIONS

KANAGAWA INTERNATIONAL FISHERIES TRAINING CENTRE

JICA CENTER

Yokohama International Centre

COOPERATION PERIOD

2000 ~ 2004

REMARKS

INTEGRATED MANAGEMENT FOR COASTAL FISHERIES

沿岸漁業の総合的な管理手法

Mar.17, 2004 ~ Jun.24, 2004 5 participants JO300752

OVERALL GOAL / PURPOSE

This training course aims to improve the ability of policy making on fishery promotion considering environmental preservation.
The objective is:
(1) To improve the ability of policy making concerned in the promotion of fishery considering of environment in developing countries.
(2) To propose appropriate plan to maintain and increase the coastal fishery resources in danger of exhaustion.

QUALIFICATION OF APPLICANT

- To be working in government offices engaged in fishery planning, considering maintaining and increasing of marine resources and restoration of environment.
To have 3 years occupational experience in the said field.
To be under 45 years old.

LANGUAGE

English

COURSE CONTENTS

Participants are expected to learn excellent methods and actual conditions of self-imposed control for resource management which the government of Japan implements, maintenance and improvement of fishery environment, and improved fishing gears, etc.
The training curriculum is consisted of lectures and practices. The units of lectures are "marine product management", "fishery management", "selective fishery", "coastal fishery environment", "evaluation about resources", and that of practices are "field research by using selective fishing gears", "Research on the boat by using measuring fishing detectors", "kohaut-analysis", "Planning of fishery resources researching."

TRAINING INSTITUTIONS

NATIONAL FISHERIES UNIVERSITY

JICA CENTER

Chugoku International Centre

COOPERATION PERIOD

2002 ~ 2006

REMARKS

SEMINAR ON FISHERIES DEVELOPMENT AND ENVIRONMENT

環境と水産開発

Jan.6, 2004 ~ Feb.21, 2004 10 participants JO300518

OVERALL GOAL / PURPOSE

Oceans, lakes and rivers are the basis of the fisheries production. The environmental pollution and/or destruction can be fatal to fisheries industry and society. Japanese experience against serious pollution and/or destruction is very valuable to the countries which have a risk of environmental hazard. The purpose of this course is to widen the understanding on factors that affects the fisheries environment and to enhance the strategic planning and management capabilities of senior personnel in government and industry.

QUALIFICATION OF APPLICANT

- (1) director or government official at an equivalent level in charge of development planning in the fisheries sector and with more than five years' occupational experience
- (2) university graduate or equivalent
- (3) under 50 years of age

LANGUAGE

English

COURSE CONTENTS

The programme is one-month duration and includes lectures, study trips, work shops and group discussions. The topics covered are Marine resources management, Coastal area management, Sustainable aquaculture, Biodiversity, Coral reef, Mangrove, Tree planting, case study on Japanese site and so on. As a output of this course, all participants are requested to make a study report. As a contents of the study report, the participant should discuss about relationship between their home country problems and what they gained through the training course. The study report will be the "seed" to formulate a project plan for environmental friendly fisheries development, after return to their home country.

TRAINING INSTITUTIONS

KANAGAWA INTERNATIONAL FISHERIES TRAINING CENTRE

JICA CENTER

Yokohama International Centre

COOPERATION PERIOD

1994 ~ 2003

REMARKS

HANDLING AND PRIMARY PROCESSING OF FISHERY PRODUCTS

漁獲物処理

Jul.1, 2003 ~ Oct.5, 2003 8 participants J0300515

OVERALL GOAL / PURPOSE

Under the fishery resources depletion and food shortage, discards and spoilage of fish are major concern for fisheries.
These circumstances can provide the best training opportunity for the participants who are engaged in upgrading fish handling and processing technology in their countries.
The programme will develop work place skills to improve and broaden the resource utilization base and to reduce waste in fisheries.

QUALIFICATION OF APPLICANT

(1) engaged in either production or technical development on handling and processing of fish and marine products and having more than three years' occupational experience in this field
(2) high school graduate or equivalent
(3) under 40 years of age

LANGUAGE

English

COURSE CONTENTS

The programme is three months duration and includes hands-on practice, visits to selected fish processing and handling companies, lectures, practical laboratory work and report making.
The main topics covered are Measuring and maintaining freshness, Post-mortem changes, Chilling and Freezing techniques, Smoking, Drying, Salting, Canning, and Surimi processing and food hygiene.

TRAINING INSTITUTIONS

TOKYO UNIVERSITY OF FISHERIES

JICA CENTER

Yokohama International Centre

COOPERATION PERIOD

1994 ~ 2003

REMARKS

A compulsory intensive Japanese language course will be conducted prior to the technical training for 30 hours.

FISH PATHOLOGY AND ENVIRONMENTAL MANAGEMENT OF AQUACULTURE

魚類防疫・環境管理

Aug.18, 2003 ~ Nov.26, 2003 5 participants J0300351

OVERALL GOAL / PURPOSE

This course is designed for those who belong to institutions of education and research in the field of fish pathology and environmental management of aquaculture to understand the importance of environment control and practical techniques of preventing epizootics, for the purpose of development of aquaculture in developing countries.

QUALIFICATION OF APPLICANT

(1) presently engaged in either research or education in the field of aquaculture,
(2) with more than 3 years of occupational experience
(3) university graduate
(4) less than 40 years of age

LANGUAGE

English

COURSE CONTENTS

The emphasis is placed on the ecology of aquaculture, and the practical techniques for preventing epizootics in fish.

The subjects covered in the course are:

- (1) physical coastal oceanography,
- (2) environmental science of red tide,
- (3) marine virology,
- (4) water quality,
- (5) molecular and environmental microbiology,
- (6) planktonology,
- (7) fish pathology,
- (8) shrimp immunology,
- (9) prevention of epizootics in fish, etc.

TRAINING INSTITUTIONS

NATIONAL FISHERIES UNIVERSITY

JICA CENTER

Kyusyu International Centre

COOPERATION PERIOD

1986 ~ 2005

REMARKS

MARINE FARMING FOR STOCK ENHANCEMENT

資源培養のための栽培漁業

Jun.9, 2003 ~ Nov.3, 2003 7 participants J0300336

OVERALL GOAL / PURPOSE

This training course is designed for the participants belonging to fisheries research institutes (universities) and fisheries offices (fisheries research staff) to understand the importance of the stock enhancement of marine organisms with the biodiversity in the natural sea, including new technologies for hatchery enhancement, effective adding to natural resources, community ecology for fishery science, and managements and monitoring for fisheries resource maintenance.

QUALIFICATION OF APPLICANT

(1) university graduate or has the equivalent academic level with over 5 year business experience
(2) presently engaged in either research or educational activities in fisheries
(3) under 40 years old with good health condition enough to undergo field fisheries work

LANGUAGE

English

COURSE CONTENTS

This training course is formulated to cover the following programme in order to obtain basic knowledge, both in theory and practice, of the marine farming:

- (1) Theory of Community Ecology, (2) Fisheries Hydrography and Pollution
- (3) Environmental Chemistry, (4) Fish Disease
- (5) Food nutrition for rearing
- (6) Preparing of Artificial Reef and Nursery Ground
- (7) Benthos and Plankton, (8) Hatchery Enhancement (Fish Seeding)
- (9) Seed-release Situation, (10) Fisheries Genetics

(1) Statistical Method on the Evaluation of Stocking Effectiveness for Fisheries Resources, and
(2) Fish Taxonomy,
self-study session is prepared to each participant's speciality such as Fisheries Stock Management, Fisheries Ecology, Environmental Chemistry

TRAINING INSTITUTIONS

USA MARINE BIOLOGICAL INSTITUTE, KOCHI UNIVERSITY

JICA CENTER

Shikoku Branch Office

COOPERATION PERIOD

1987 ~ 2006

REMARKS

Japanese intensive class (60 hours at Kochi University)

COASTAL FISHING TECHNIQUE FOR SUSTAINABLE RESOURCE USE

持続可能な沿岸漁業

Feb.24, 2004 ~ Jun.20, 2004 5 participants J0300679

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The code of conducts for responsible fisheries, adopted by the Twenty-eighth Session of the FAO Conference on 31 October 1995. This program is for sustainable resource use course will prepare participants for work to strengthen the technical basis of sustainable fishing by modification of existing fishing gear, methods and practices and/or introduction of new conservation oriented fishing practices.	(1) engaged in training or extension service for coastal fishing techniques (2) more than 3 years experience in fishing gear design and operation (3) senior high school graduate or equivalent (4) under 40 years of age
	LANGUAGE
	English
COURSE CONTENTS	TRAINING INSTITUTIONS
The program is four months duration and includes lectures, discussion groups, observation tours, study trips, report making as well as sea-going fishing operations. The participants have practical training in the construction and operation of fishing gear based on Japan's coastal fishing experience. The programme puts emphasis on selectivity to minimize waste, discards, catch of non-target species and sizes. It also addresses fishery resources management, habitat disturbance, care of the catch and energy optimization.	FACULTY OF FISHERIES, KAGOSHIMA UNIVERSITY
	JICA CENTER
	Yokohama International Centre
	COOPERATION PERIOD
	2000 ~ 2004
	REMARKS
	A compulsory intensive Japanese language course will be conducted prior to the technical training for 30 hours.

SUSTAINABLE AQUACULTURE DEVELOPMENT

持続的増養殖開発

Mar.16, 2004 ~ Jul.25, 2004 9 participants J0300594

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
Japan is the pioneer of developing aquaculture technology, also presently takes several measures for food safety, bio-diversity, environmental issues in the field of aquaculture. These Japan's experiences can be lessons for developing countries to formulate and implement a sustainable aquaculture development strategy. The program will enhance the participants' knowledges and skills about aquaculture with considerations of environmental issue.	(1) Technician / Trainer / Researcer or equivalent who is/will be engaged in planing and/or implementing sustainable aquaculture development strategy in their home country (2) university graduate or equivalent (3) under 40 years of age (4) more than 3 years work experience in the field of Aquaculture
	LANGUAGE
	English
COURSE CONTENTS	TRAINING INSTITUTIONS
Course contents can cover both marine(fish, shrimp) and freshwater aquaculture. The program includes lectures, discussions, observation tours as well as practical work in the laboratory and at the experimental station in Japan. The main topics covered are aquaculture development strategy, fish pathology, seed production and fish nutrition, considering more emphasis on the conservation of environment and on the safety of fish for human food. As an output of this course, all participants are requested to make a study report. As a contents of the study report, the participant should discuss about relationship between their home country problems and what they gain through the training course. The study report will be the "seed" to formulate a sustainable aquaculture development strategy, after going back to their home country.	TOKYO UNIVERSITY OF FISHERIES
	JICA CENTER
	Yokohama International Centre
	COOPERATION PERIOD
	1999 ~ 2003
	REMARKS
	25 hours compulsory intensive Japanese language course will be implemented prior to the technical training.

QUALITY ASSURANCE OF MARINE FOOD

水産食品品質保証

Sep.2, 2003 ~ Dec.14, 2003 8 participants J0300517

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
To supply safe food is basic responsibility of fisheries. However, fish is a highly perishable commodity and easily contaminated. These circumstances can provide the best training opportunity for the participants. The programme will enhance the management capability of participants responsible for developing regulations, operational systems and inspection practices for marine food quality assurance.	(1) be supervisory administrators responsible for quality assurance management of marine food (2) be university graduate or equivalent (3) under 40 years of age
	LANGUAGE
	English
COURSE CONTENTS	TRAINING INSTITUTIONS
1) Scientific factors in quality assurance: Post-mortem change, Fish proteins, Fats and oils of marine organisms, Water activation, Food poisoning bacteria, Chemical preservation and food additives 2) Quality assurance of fish processing: Post-harvest treatment, Chilling and freezing, Salting, drying and smoking, Canning and Retort pouch processing, Surimi processing, Feeding and transportation of live fish 3) Tests and analysis: Freshness assessment, Bacteriological examination, Chemical analysis (additives, heavy metal, marine toxins) 4) Design of processing plant layout 5) Sanitary control at marketing and processing facilities 6) Quality assurance management: HACCP; Laws and regulations.	SCHOOL OF FISHERIES SCIENCES, KITASATO UNIVERSITY
	JICA CENTER
	Yokohama International Centre
	COOPERATION PERIOD
	1994 ~ 2003
	REMARKS
	A compulsory intensive Japanese language course will be conducted prior to the technical training for 30 hours.

DISTRIBUTION OF FISHERIES PRODUCTS

生鮮食料品流通(水産物)

Aug.18, 2003 ~ Oct.31, 2003 7 participants J0300661

OVERALL GOAL / PURPOSE

To contribute to the modernization of distribution of fresh fruits and vegetables in participating countries where various deteriorations of products occur due to inefficiency of distribution system, participants will study the distribution from farming area to retail market mainly focusing on the function of wholesale market that takes an important role to keep stable supply and to stabilize price of fresh fruits and vegetables.

QUALIFICATION OF APPLICANT

1) administrator in charge of implementation of modernization measures for fresh fruits and vegetables distribution or wholesale market, with practical experience of at least five years (5) under 40 years of age

LANGUAGE

English

TRAINING INSTITUTIONS

THE OSAKA MUNICIPAL CENTRAL WHOLESALE MARKET

JICA CENTER

Osaka International Centre

COOPERATION PERIOD

1991 ~ 2005

REMARKS

COURSE CONTENTS

In this course, the emphasis is put on introduction of Japanese experience and basic theories of distribution of fresh fruits and vegetables.

The main themes are:

- (1) lectures (a) wholesale market (b) farming area (c) retail (d) consumer
- (2) practical training (a) wholesale market
- (3) field training and observation (a) retail market and large scale retail store (b) farming area

MAINTENANCE OF REFRIGERATION SYSTEM

冷凍機保守

Mar.16, 2004 ~ May.16, 2004 8 participants J0300720

OVERALL GOAL / PURPOSE

one of the most important factors for increasing the safety and profitability of fishing operations, is the reliable performance of fishing boats and mechanical systems for catching and storage of fish and fisheries products. Training in refrigeration system repair and maintenance is both an important and urgent task to sustain coastal fishing communities.

QUALIFICATION OF APPLICANT

- (1) be high school graduates or have the equivalent academic background
- (2) be presently engaged in field of refrigeration, and have more than three (3) years of occupational experience in this field
- (3) be no less than twenty-five (25), and under forty years of age

LANGUAGE

English

TRAINING INSTITUTIONS

KANAGAWA INTERNATIONAL FISHERIES TRAINING CENTRE

JICA CENTER

Yokohama International Centre

COOPERATION PERIOD

2002 ~ 2006

REMARKS

COURSE CONTENTS

The program is two-month duration and includes lectures, practice and study trips.

The topics covered are as follows,

- 1) Refrigeration theory
- 2) Fundamental knowledge of refrigeration system
- 3) Practice for maintenance of refrigeration system
- 4) Observation of refrigeration manufacturing factory
- 5) Others

DEVELOPMENT FRAMEWORK FOR ARTISANAL FISHERIES

零細漁業振興

Jul.8, 2003 ~ Oct.12, 2003 10 participants J0300520

OVERALL GOAL / PURPOSE

In Japan, fishing villages have been carrying out various businesses such as fishing, marketing, processing, aquaculture, financing, fishery management, technology extension, infrastructure construction. These Japan's experiences can be lessons for developing countries to formulate/implement a coherent artisanal fisheries development plan. The program will enhance the planning/implementing capacity of persons involved with the organization and management for the artisanal fisheries development.

QUALIFICATION OF APPLICANT

- (1) director or government official at an equivalent level in charge of development planning in fisheries sector and with more than five years' experience
- (2) university graduate or equivalent
- (3) under 50 years of age
- (4) more than 3 years experience in fisheries cooperatives and coastal fisheries may be considered

LANGUAGE

English

TRAINING INSTITUTIONS

KANAGAWA INTERNATIONAL FISHERIES TRAINING CENTRE

JICA CENTER

Yokohama International Centre

COOPERATION PERIOD

1994 ~ 2003

REMARKS

COURSE CONTENTS

The curriculum is based on Japan's successful development of coastal fishing villages. The topics are Project planning, Income generating activities, Institutional building, Fisheries infrastructure, Fishery management, poverty, the marine environment and gender issues. The applicability of these key elements is studied in relation to participants' home country situation. The programme includes lectures, discussions, seminars, observation tours and study trips to various field stations in Japan. As an output of this course, all participants are requested to make a study report. As a contents of the report, the participant should discuss about relationship between their home country problems and what they gain through the training course. The study report will be the "seed" to formulate a project plan for artisanal fisheries development, after going back to their home countries.

***Gender Mainstreaming /
Woman in Development***

〈ジェンダー主流化/WI D〉

OISCA RURAL LIFE IMPROVEMENT AND COMMUNITY DEVELOPMENT FOR WOMEN

オイスカ農村女性のための生活改善と地域開発

TARGET REGION: Asia/Pacific countries with OISCA training bases

Jan.19, 2004 ~ Dec.18, 2004 15 participants

J0303429

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The objective of this training course is to provide those who are leading the rural women in community development at the grass-roots level with the skills and knowledge necessary for the improvement of daily life and the effective way of extension for the fellow women, such as environment-conscious agricultural production, processing of agricultural products, hygiene cooking, dietetics, and better technique of clothing and sewing.	(1)female committed to work in the future as extension workers or as leaders in rural development (2)at least 2 year experience of agricultural/home living improvement work in the field/local community (3)over high school level with an age of 20-30 years and an enough physically/mentally good condition
COURSE CONTENTS	LANGUAGE
This course consists of in-house lecture, field-level lecture and practice with regard to the following main training items; (1)Home living improvement activities and its functions:history of Japan's home living improvement activity,activities home living extensionists,uphringing of extension group of home living improvement (2)Combinated agricultural production:cultivation of rice and vegetables,poultry farming (3)Processing of agricultural products:crop processing,livestock processing,vegetables processing fruit processing (4)Dietetics,food and cooking:species of nutriments,digestion and absorption (5)Hygiene:contagious disease,HIV, family planning, maternity health (6)Dressmaking:basic technique and application of clothing and sewing	Japanese
	TRAINING INSTITUTIONS
	OISCA SHIKOKU TRAINING CENTER
	JICA CENTER
	Shikoku Branch Office
	COOPERATION PERIOD
	1999 ~ 2003
	REMARKS
	Japanese intensive class(approx.3 month at OISCA Shikoku training center)

SEMINAR ON GENDER MAINSTREAMING FOR GOVERNMENT OFFICERS

ジェンダー主流化政策のための行政官セミナー

Jun.16, 2003 ~ Jul.20, 2003 9 participants

J0300723

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The purpose of this seminar is to foster government officers capable of introducing the principle of "Gender Mainstreaming" in decision making and various development activities through learning case studies in Asia, for the purpose of realizing equal society through empowerment of women.	(1) Government officers currently in charge of planning policies for improving the status of women and gender mainstreaming with more than 3 years of professional experience. (2) Less than 45 years of age
COURSE CONTENTS	LANGUAGE
(1) Introduction of policies for gender mainstreaming (2) Methods for gender mainstreaming and Case study in Asia (3) Gender mainstreaming in Education, Labour Administration, Health Promotion, Environment, Agricultur, etc. (4) Introduction of gender equality in administration (5) Promotion of policies in gender mainstreaming in Kitakyushu City (6) Women's economical empowerment and entrepreneurship	English
	TRAINING INSTITUTIONS
	KITAKYUSHU FORUM ON ASIAN WOMEN
	JICA CENTER
	Kyusyu International Centre
	COOPERATION PERIOD
	2002 ~ 2006
	REMARKS
	Participants are required to give presentation to citizens on the situation of women in each country.

SEMINAR ON WOMEN IN ENVIRONMENT AND DEVELOPMENT

「環境と開発と女性」セミナー

Jan.19, 2004 ~ Mar.10, 2004 9 participants

J0303461

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
In order to overcome environmental problems, it is essential to define the role of women in environmental preservation, as well as in the achievement of sustainable development. Taking the idea of WID into consideration, Seminar will enable participants to understand the importance of balancing environmental conservation and national development and to help them implement countermeasures against pollution especially in Asia.	(1) government officers or staff of a NGO currently in charge of environmental problems or women's issues, (2) with more than 3 years of occupational experience in the field, and (3) no more than 45 years of age.
COURSE CONTENTS	LANGUAGE
Participants will be able to upgrade their knowledge and capabilities necessary for the management of environmental protection from the perspective of gender. (1) Women in environment and development (2) Introduction to GAD (3) Environmental administration in Kitakyushu and its cooperation with Asia (4) Case study in Asian countries (5) Women and environment in Kitakyushu city (6) Case study - Minamata disease and pollution in Kitakyushu (7) Role of NGOs and their partnership with Government (8) Waste management and Protection of forest environment	English
	TRAINING INSTITUTIONS
	KITAKYUSHU FORUM ON ASIAN WOMEN
	JICA CENTER
	Kyusyu International Centre
	COOPERATION PERIOD
	2000 ~ 2004
	REMARKS
	Participants are required to have presentation to citizens on the situation of gender and environment.

SEMINAR ON GENDER UNDERSTANDING IN FISHING COMMUNITY DEVELOPMENT 漁村開発におけるジェンダーセミナー	
Jan.25, 2004 ~ Mar.10, 2004 7 participants J0303480	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The purpose of the seminar is to contribute to fishing community development by introducing gender concept and methods to support men's and women's activities in fishing villages to central/local government staff, fisheries community leaders and NGO's staff.	(1) central/local government staff, fishing community leader or NGO staff (2) engaged in the fishing community development with more than three years' occupational experience (3) under 50 years of age
COURSE CONTENTS	LANGUAGE
The seminar consists of lectures, discussion, observation trips and report writing. The course covers the following issues: (1) improvement of living standards in fishing villages (income generation, environment, resource management, health, etc.) (2) women's empowerment (3) current situation of Japanese fishing villages and men's and women's roles. As an output of the seminar, all participants are requested to formulate a project proposal for support of men's and women's activities in their home country.	English
	TRAINING INSTITUTIONS
	JICA CENTER
	Yokohama International Centre
	COOPERATION PERIOD
	2000 ~ 2004
	REMARKS

SEMINAR FOR PROMOTION OF EDUCATION FOR GIRLS AND WOMEN 女性の教育推進セミナー	
Feb.10, 2004 ~ Mar.6, 2004 9 participants J0303509	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The purpose of the seminar is to (1) understand the situation and problems surrounding girls' and women's education in developing countries, (2) enhance skills necessary to plan and implement the policy which to revise gender gap in access and achievement of education (3) learn policies to promote girls' and women's education	(1) government officer of Ministry of Education, Educational Committee, or similar institutions, who is in charge of development and promotion of girls' and women's education. (2) university graduate. (3) under the age of 45. (4) more than 5 years of occupational experience
COURSE CONTENTS	LANGUAGE
This seminar covers the following topics: (1) Understanding Japanese educational policy and historical background: (a) Outline of educational system of Japan, (b) School visits (2) Enhancing skills to plan and implement educational policy: (a) Women and Health, (b) Women and Violence, (c) Outline of Activities and Programmes of National Women's Education Center (3) Exchanging views and information on situation and problems of Educational policy and systems: (a) Gender and Education, (b) Girl's Education and Economic Development, (c) Country Report Presentation, (d) Action Plan Workshop (4) Acquiring knowledge on Japanese society and culture: (a) Visit to Kyoto, Hiroshima, (b) Cultural Programme, (c) Home Visit	English
	TRAINING INSTITUTIONS
	NATIONAL WOMEN'S EDUCATION CENTRE
	JICA CENTER
	General Affairs Division
	COOPERATION PERIOD
	2001 ~ 2005
	REMARKS

SEMINAR ON WOMEN'S ENTREPRENEURSHIP DEVELOPMENT-TRAINING FOR PROGRAM MANAGERS 女性起業家育成のためのセミナー(プログラム・マネージャー養成研修)	
TARGET REGION: Asia	Feb.10, 2004 ~ Mar.14, 2004 8 participants J0303482
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
This course aims at supporting the program managers in NGOs/Government Organizations who are responsible for total management of planning, implementation of program for development of women entrepreneurship. Through the seminar, participants are expected to deepen knowledge on effective method and network, and enhance leadership to implement a training program to develop/promote women entrepreneurship establishing sustainable network among participants and Japanese women's groups and NGOs.	Have more than three (3) years of experience in organizing program(s) for women's economic empowerment i.e. skill training, credit etc. either in Government or NGO. One nominee should be from governmental organization and the other from NGO.
COURSE CONTENTS	LANGUAGE
(1) Motivation: gender issues in entrepreneur (2) Network: women's networking, information exchange & network, Internet (3) Skill in entrepreneurship: business know-how, case study (4) Action plan: presentation & discussion on action report	English
	TRAINING INSTITUTIONS
	YWACN
	JICA CENTER
	Tokyo International Centre
	COOPERATION PERIOD
	2000 ~ 2004
	REMARKS
	Training institutions and duration are not fixed.

SEMINAR FOR PROMOTION OF GENDER EQUALITY II	
男女共同参画推進セミナーII	
Nov.16, 2003 ~ Dec.12, 2003 9 participants J0300748	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
(1) To acquire useful knowledge for strengthening of the national machinery for the advancement of women (2) To acquire useful knowledge, formulating, implementing, and monitoring the national plan of action (3) To exchange views on Good practices in developing countries (ODA/National government/NGO for the advancement of status of women) (4) To get the point of view required for the advancement of status of women as an officer in charge	(1) division-director or higher level of official of national machinery (2) university graduate (3) more than 5 years of experience of gender equality (4) 35 -50 years of age (5) adequate knowledge of Beijing Declaration and Platform for Action and *"Outcome Document"
COURSE CONTENTS	LANGUAGE
(1) LECTURE "The policy for promotion of gender equality in Japan", "Structure and activities of promoting gender equality in Japan" (by related ministries), Gender statistics and others. (2) PRESENTATION AND DISCUSSION "Gender training", "Gender Equality in Japan", "Country report", "PCM Workshop", "Presentation skill" and others. (3) VISIT Local governments, Women's Center, other facilities related to gender equality	English
	TRAINING INSTITUTIONS
	GENDER EQUALITY BUREAU, CABINET OFFICE
	JICA CENTER
	General Affairs Division
	COOPERATION PERIOD
	2002 ~ 2006
	REMARKS
	*"Outcome Document" Further actions and initiatives to implement the Beijing Declaration and Platform for Action

EMPOWERMENT OF RURAL WOMEN	
農村女性能力向上	
Sep.2, 2003 ~ Nov.8, 2003 10 participants J0300825	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The purpose of the course on Empowerment of Rural Women is to provide specialists who train a field-level extension worker for rural women and central/local government officers who are in charge of policy administration for rural women with knowledge and skills to effectively support rural women through exchange of participants' experiences and case studies in Japan.	(1) Field-level extension workers, NGOs of rural development, and policymakers of central/local government who are working for rural women, (2) Be Female, (3) University graduate or equivalent, (4) From 25 to 45 years old.
COURSE CONTENTS	LANGUAGE
In this course, the emphasis is put on lectures, practices and field trips. The main themes are; 1. Agriculture and extension systems 2. Methodologies to solve issues for empowerment of rural women 3. Methodologies for empowerment of rural women 4. Empowerment of rural women through organization 5. Formulating action plan	English
	TRAINING INSTITUTIONS
	RURAL WOMEN ENPOWERMENT & LIFE IMPROVEMENT ASSOC.
	JICA CENTER
	Tsukuba International Centre
	COOPERATION PERIOD
	1999 ~ 2003
	REMARKS
	This training course is NOT for gender specialists.

Urban/Regional Development

〈都市開発・地域開発〉

TECHNOLOGY FOR PREVENTION OF PREMATURE DETERIORATION OF CONCRETE STRUCTURES

コンクリート構造物耐久性向上技術

Jan.19, 2004 ~ Jun.6, 2004 8 participants J0303465

OVERALL GOAL / PURPOSE

The purpose of this course is to provide knowledge and information on prevention of premature deterioration of concrete structures in order to disseminate the technology in this field and to improve the durability of concrete structures in participating countries.

QUALIFICATION OF APPLICANT

- (1) technical officials in charge of construction of concrete structures or engineers who are engaged in research on concrete materials
- (2) have more than 5 years' experience
- (3) between 27 and 40 years of age
- (4) university graduates

LANGUAGE

English

COURSE CONTENTS

In this course, the following major subjects will be covered through lectures, discussions and observation trips:

- (1) method of corrosion investigation of existing ferroconcrete structures
- (2) basic engineering technique of concrete (material examination, mixing examination, etc.)
- (3) basic corrosion engineering technique
- (4) chemical analysis technology on quality of concrete
- (5) study on improvement of quality of concrete, material, and construction technique by using concrete material in respective countries
- (6) making a guideline about corrosion prevention of structures and improvement of durability

TRAINING INSTITUTIONS

GENERAL BUILDING RESEARCH CORPORATION

JICA CENTER

Osaka International Centre

COOPERATION PERIOD

2000 ~ 2004

REMARKS

COMPREHENSIVE BRIDGE ENGINEERING

構築総合コース

Sep.30, 2003 ~ Dec.7, 2003 14 participants J0300690

OVERALL GOAL / PURPOSE

The purpose of the course is to provide opportunities to learn the general techniques of bridge engineering used in Japan (including planning, design and construction of bridges) so that the participants will be able to improve the technology in bridge engineering and to contribute to the development of their countries.

QUALIFICATION OF APPLICANT

- (1) university graduate or equivalent with occupational experience of more than Three years
- (2) presently engaged in bridge and highway construction
- (3) not more than 40 years of age

LANGUAGE

English

COURSE CONTENTS

In this course, the following major subjects will be covered through lectures, discussions and observation trips. (1) roads and bridges in Japan (2) design and construction of substructures (3) design and construction of concrete bridges (4) fundamental bridge design theory (5) design and construction of steel bridges (6) maintenance and repair of bridges

TRAINING INSTITUTIONS

ROAD BUREAU, MLIT

JICA CENTER

Tokyo International Centre

COOPERATION PERIOD

2000 ~ 2004

REMARKS

SEMINAR ON PRACTICAL APPLICATION OF CONSTRUCTION TECHNOLOGY

建設技術活用・応用セミナー

May 6, 2003 ~ Jun.22, 2003 9 participants J0300637

OVERALL GOAL / PURPOSE

The purpose of the seminar is to provide participants with the latest construction / maintenance engineering, inspection methods, environmental considerations and new materials so that participants would be able to contribute to improving the civil engineering in their respective countries.

QUALIFICATION OF APPLICANT

- (1) be university graduates or equivalents majoring civil engineering or related courses
- (2) have between 8 and 18 years of occupational experience in construction work
- (3) be between 30 and 40 years of age
- (4) have sufficient command and comprehension of spoken English (more than 500 points of TOEFL.)

LANGUAGE

English

COURSE CONTENTS

This seminar will not cover all the fields of construction. The following subjects will be covered in this seminar through lectures, observations, and discussions ;

- (1) Introduction to Present Japanese Engineering Conditions
- (2) Engineering Management Systems in These Days
- (3) Introduction to Advanced Technology
- (4) Introduction to Maintenance Technology
- (5) Environmental Considerations at Construction Sites

TRAINING INSTITUTIONS

Japan Construction Training Center Foundation

JICA CENTER

Yokohama International Centre

COOPERATION PERIOD

2000 ~ 2004

REMARKS

CONSTRUCTION MANAGEMENT (CIVIL WORKS) 建設施工監理	
Jul.28, 2003 ~ Nov.6, 2003 9 participants J0300708	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
This course is designed with the aim of developping human resources for the supervision and control of the road, bridge and tunnel construction project. Through the training program, participants are expected to: (1)acquire comprehensive knowledge and techniques about construction systems including environmental protection and construction management, and (2)be able to control and supervise construction works efficiently by utilizing the above-mentioned knowledge and techniques	(1) university/college graduate in civil engineering or equivalent (2) senior administrative civil engineers in central or regional government actually supervising construction project of road, bridge and tunnel.(3) under 40 years of age (4) more than five years experience in civil engineering works
COURSE CONTENTS	LANGUAGE
This course consists of lectures and observations. The main themes are: (1) general information on public works in Japan and overseas construction (2) fundamental studies (a) geotechnical engineering, concrete, asphalt, steel and new materials, introduction of construction machinery, etc. (3) execution planning and management (a) work planning, process planning, introduction to construction management, machinery control, safety control, counter measures for environmental protection, cost estimation, geotechnical analysis, etc. (4) construction techniques (a) earthwork, concrete work, shield work, paving work, improvement work, foundation work, tunnel construction, bridge construction (steel and concrete), road maintenance, dam construction, Sabo etc.	English
	TRAINING INSTITUTIONS
	JAPAN CONSTRUCTION MECHANIZATION ASSOCIATION
	JICA CENTER
	Osaka International Centre
	COOPERATION PERIOD
	2001 ~ 2005
	REMARKS

ENVIRONMENTAL CONSERVATION MEASURE IN CONSTRUCTION PROJECT 建設事業における環境保全対策	
Aug.25, 2003 ~ Nov.9, 2003 8 participants J0300798	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
To contribute to harmony of development and environmental preservation in participating countries by training civil engineers in the techniques required in environmental assessment, assessment of effects on environment, measures for environmental preservation, etc. for minimizing the effects of infrastructure development on environment, maintaining favorable environment for the people, and for preserving nature.	(1) university graduate in civil engineering or equivalent (2) five or more years of experience in infrastructure development administration(road, rivers, ports, dams, etc.) (3) under 40 years old in age
COURSE CONTENTS	LANGUAGE
This course consists of lectures, observations, group studies, and study tours as follows: (1) regional plans (2) environmental plans (3) environmental assessment (4) environmental projections (5) environmental preservation measures (6) assessment of effects on environment * Under the word 'Environment', this course deals with water quality, noise, vibration, air quality, animals and vegetation	English
	TRAINING INSTITUTIONS
	Japan Construction Training Center Foundation
	JICA CENTER
	Osaka International Centre
	COOPERATION PERIOD
	2003 ~ 2007
	REMARKS

BUILDING ADMINISTRATION AND TECHNOLOGY 建築行政	
May.13, 2003 ~ Jun.29, 2003 12 participants J0300711	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
To acquire (1) the latest construction technologies in Japan, together with the standard system that support such technologies, (2) a cross-cultural perspective of building administration and construction technologies through presentation, and (3) the knowledge necessary to establish such new building administration as performance-based building code, and efficiency standardization, etc.	(1) be officials and/or researchers of a government or related organization expected to have a leading position in building administration and technology, (2) be university graduates or equivalents with occupational experience of more than five (5) years a (3) be under forty-five (45) years of age
COURSE CONTENTS	LANGUAGE
In this course, the following major subjects will be covered through lectures, discussions, practices and observation trips. (1) Introduction: Outline of the Course, Construction and Housing Situation in Japan (2) Building Techniques and Housing/Building Administration (lectures and study tours): Outline of Building Administration, Countermeasures against Earthquakes, Fire Prevention and Evacuation Safety, Energy Conservation in Housing and Buildings, Barrier-Free Issues, Development of Latest Technology, Quality Control, Reconstruction Technology, International Cooperation (3) Practice and Discussion: Country Report Presentation, Study Report (4) Observation Trip: Western Japan, Home Stay Program at Chiba New Town	English
	TRAINING INSTITUTIONS
	HOUSING BUREAU, MLIT
	JICA CENTER
	Tokyo International Centre
	COOPERATION PERIOD
	2001 ~ 2005
	REMARKS

PLANNING AND MANAGEMENT OF NATIONAL MAPPING AND SURVEYING

国家測量事業計画・管理

Sep.30, 2003 ~ Jul.25, 2004 8 participants J0300692

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
This course is for technical managers working at National Surveying and Mapping Organizations (NMO) who envision an effective and efficient management approach of national survey and mapping projects. The participants will learn Japanese systems and approaches related to national surveying and mapping projects, and gain deep insight for better management of NMO. The course also provides a broad opportunity to upgrade knowledge and skills of contemporary technologies such as GPS and GIS.	(1) Be employed by national surveying and mapping organizations as technical official in managerial levels (Head or Deputy Head of a division) for at least 7 years; (2) Be university graduates or equivalents; and (3) Be 29 to 44 years of age.
COURSE CONTENTS	LANGUAGE
The training course will be given in the form of lectures, workshops, and practices, and include the following subjects: -Computer and presentation skills -Environment surrounding national surveying and mapping organizations -Institutional framework of national mapping and surveying -Planning and management of national mapping and surveying projects -Contemporary technologies such as GPS, GIS, digital photogrammetry, and remote sensing -Individual technical study -Study trips	English
	TRAINING INSTITUTIONS
	GEOGRAPHICAL SURVEY INSTITUTE, MLIT
	JICA CENTER
	Tsukuba International Centre
	COOPERATION PERIOD
	2000 ~ 2004
	REMARKS
	Intensive Japanese language course: 50 hours GSI: http://www.gsi.go.jp/ENGLISH/

SEMINAR ON IMPROVEMENT OF HOUSING AND LIVING ENVIRONMENTS

住宅・住環境改善

Oct.23, 2003 ~ Dec 7, 2003 13 participants J0300584

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
Through the course program, participants are expected to: (1) understand the Japanese system of housing and living environment projects, and practical measures to solve the problems, (2) share and understand the current problems of each participating country and seek the feasible solutions through the exchange of information among the participants, and (3) comprehend the development programs related to housing and living environment implemented in Japan.	(1) have experience in implementing various development projects on housing and living environment at the central or local government, or related orgs, and expected to play a leading role in the field, (2) be university graduates or the equivalents, (3) be between 30 and 45 years of age.
COURSE CONTENTS	LANGUAGE
In this course, the following major subjects will be covered through lectures, discussions, practices and observation trips. (1) Various systems related to housing in Japan (2) Various systems related to town planning in Japan (3) Housing problems in developing countries (4) Practice and discussion (Country Report presentation and discussion, Practice of the Project Cycle Management method) (5) Field study	English
	TRAINING INSTITUTIONS
	HOUSING BUREAU, MLIT
	JICA CENTER
	Tokyo International Centre
	COOPERATION PERIOD
	1997 ~ 2004
	REMARKS
	This course was conducted alternately with "Seminar on Improvement of Housing Policy II" every other year and will be jointly held from JFY 2003.

GLOBAL MAPPING: APPLICATION OF GIS FOR SUSTAINABLE DEVELOPMENT

地球環境地図作成技術・持続可能な開発のための地理情報システム

Sep.30, 2003 ~ Dec.14, 2003 5 participants J0303405

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
This course is designed to give a participants a better understanding of the importance of the Global Map project, which is aimed at global environmental conservation. At the same time, participants will enhance their technical skill necessary for the Global Map preparation, thus contributing to the sustainable development in harmony with the environment. Target group of the course is a member of National Mapping Organization who is presently involved or will be involved in the Global Mapping project.	(1) A member of National Mapping Organization with at least three years of experiences in the field of GIS or Digital Mapping (2) University graduate or equivalent
COURSE CONTENTS	LANGUAGE
This course consists of lectures, practices, discussions and observation. Main subjects of the curriculum are as follows: (1) Global Mapping Project (2) Geographical Information System (GIS) (3) Remote Sensing Technology (RS) (4) ISO Standardization (5) Global Warming (6) Global Meteorology (7) Acid Rain (8) Environment and Law (9) Environment and Agriculture (10) Digital Data Set Format for Global Map Participants will also create sample Global Map and study utilization of Global Map with regard to environmental conservation.	English
	TRAINING INSTITUTIONS
	GEOGRAPHICAL SURVEY INSTITUTE, MLIT
	JICA CENTER
	Tsukuba International Centre
	COOPERATION PERIOD
	1999 ~ 2003
	REMARKS
	GSI: http://www.gsi.go.jp/ENGLISH/ Global Map: http://www.iscgm.org/

PRACTICAL LAND READJUSTMENT FOR URBAN DEVELOPMENT II 都市開発における土地区画整理事業実務II	
Oct.1, 2003 ~ Dec.15, 2003 10 participants J0300795	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
By the end of the training course, participants are expected to deepen their understanding of : (1) The Japanese city planning system; (2) The preparation of an implementation plan for Land Readjustment Project; (3) Land evaluation method and replotting design; and (4) Basic procedures for implementing the project	1.be university graduates or possess equivalent knowledge and /or professional experience. 2.be official of national/local government or authorities concerned who presently engaged in urban development project.
COURSE CONTENTS	LANGUAGE
Outline of city planning and urban development in Japan Participants will understand the outline of city planning and urban development in Japan, through lectures from Nagoya City Government and observation of Nagoya. Outline of land readjustment Participants will understand the outline of the land readjustment method through lectures. Practical work of land readjustment projects Participants will actually gain practical knowledge and techniques which are necessary for the design and implementation of land readjustment projects.	English
	TRAINING INSTITUTIONS
	NAGOYA URBAN INSTITUTE
	JICA CENTER
	Chubu International Centre
	COOPERATION PERIOD
	2003 ~ 2007
	REMARKS

COMPREHENSIVE CITY PLANNING 都市計画総合	
Aug.24, 2003 ~ Oct.26, 2003 10 participants J0300689	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The purpose of this course is to introduce city planners who are directly engaged in city planning to fundamental knowledge and technique of city planning experienced in Japan. The participants will also be suggested to find a way how to deal with the problems of their own towns and cities by exchanging their views and experiences on the occasion of presentation of the Country Report prepared by participants.	(1) be university graduates or the equivalents with the occupational experience of more than three (3) years, (2) be administrative officers who are currently engaged in city planning, (3) be under forty (40) years of age in principle, etc.
COURSE CONTENTS	LANGUAGE
In this course, the emphasis is put on introduction of Japanese systems and situations as follows: (1) city planning methods and urban development projects (2) planning and provision of urban transport (3) present housing situation (4) environmental aspects of urban development and urban transport (5) kukaku-seiri (Japanese method of urban land readjustment) applicable both to built-up and suburban areas (6) social, economic and institutional aspects of city planning	English
	TRAINING INSTITUTIONS
	CITY AND REGIONAL DEVELOPMENT BUREAU, MLIT
	JICA CENTER
	Tokyo International Centre
	COOPERATION PERIOD
	2000 ~ 2004
	REMARKS

URBAN DEVELOPMENT(FOCUSED ON LAND READJUSTMENT MEASURES) 都市整備	
May.6, 2003 ~ Jun.29, 2003 10 participants J0300325	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The purpose of the course is to introduce participants through lectures and observations to land readjustment methods (KUKAKU-SEIRI) and projects carried out in Japan with specific objectives and their background; at the same time, to provide participants with opportunities to exchange their views and experiences on urban development, so as to contribute to the acquisition of practical knowledge for their purposes.	(1) be university graduates or equivalents with occupational experience of more than 3 years, (2) be presently engaged in planning and/or implementation of urban development and redevelopment, (3) be under forty (40) have a sufficient command of spoken and written English, etc.
COURSE CONTENTS	LANGUAGE
In this course, the following major subjects will be covered through lectures, discussions, practices and observation trips. (1) Japanese systems and methods of kukaku-seiri (Japanese method of urban land readjustment) applicable both to built-up and suburban areas (2) Japanese systems and methods of new town development (3) Japanese systems and methods of urban renewal (4) social background and problems which lead to the above-mentioned urban development activities (5) policies and methods of urban development in each participating country	English
	TRAINING INSTITUTIONS
	CITY AND REGIONAL DEVELOPMENT BUREAU, MLIT
	JICA CENTER
	Tokyo International Centre
	COOPERATION PERIOD
	1986 ~ 2005
	REMARKS

URBAN GREENERY AND PARK ADMINISTRATION II 都市緑化行政II	
Aug.25, 2003 ~ Nov.7, 2003 6 participants J0300801	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
Basic knowledge and experience necessary for the participants to respond, in an informed manner, to policy proposals and decisions will also be covered. The overall aim of the course is to upgrade the technical abilities of the leading governmental administrators and thus enabling them to contribute to the improvement of the living environment in developing countries.	(1)supervisory administrators responsible for over-all urban greenery and park development with practical experience of at least seven years (2)under 40 years of age (3)university/college graduate or equivalent
COURSE CONTENTS	LANGUAGE
In this course, the emphasis is put on introduction of Japanese experience and theories of greenery in city-planning and park administrations. The main themes are: (1)creation of green space(a)policies of urban design with flowers and greenery, planning and design of planning (2)preservation and conservation of green spaces (a)national parks, Japanese gardens	English
	TRAINING INSTITUTIONS
	OSAKA CITY GOVERNMENT
	JICA CENTER
	Osaka International Centre
	COOPERATION PERIOD
	2003 ~ 2007
	REMARKS
	A compulsory intensive Japanese language course will be conducted prior to the technical training for one week(25 hours).

NATIONAL AND REGIONAL DEVELOPMENT POLICY 国土・地域開発政策	
Sep.9, 2003 ~ Oct.28, 2003 10 participants J0300843	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
(1) To acquire the basic knowledge of planning, policy formulation, and implementation of national land development projects in Japan (2) To obtain the practical knowledge for the planning and implementation of regional development policies through case studies	(1) Currently engaged in the planning or implementation of national or regional development projects or policies. (2) University graduates or the equivalents with more than 3 years of occupational experience. (3) Under 40 years of age.
COURSE CONTENTS	LANGUAGE
(1) Current situation and issues of regional development in the developing countries. (2) Administrative and financial systems for the national/the regional development in Japan. (3) History and social background of Japanese comprehensive national development plan. (4) Public works improvement plans and financial resources. (5) Environmental problems in regional development in Japan. (6) Case studies of regional development plans in developing countries. (7) Current situation of the IT promotion policy of the national/the local governments. (8) IT business development and current situation of regional development.	English
	TRAINING INSTITUTIONS
	Ministry of Land, Infrastructure and Transport
	JICA CENTER
	Yokohama International Centre
	COOPERATION PERIOD
	2000 ~ 2004
	REMARKS

EXECUTIVES' SEMINAR ON PUBLIC WORKS AND MANAGEMENT 国土技術マネジメント幹部セミナー	
TARGET REGION: Asia Oct.19, 2003 ~ Nov.1, 2003 10 participants J0300768	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
This course is intended for executive engineers in leading posts to plan and promote public works research and development in Asian countries. Its purpose is i) to introduce up-to-date information and technology on public works research and development including the comprehensive construction management to the participants with a view to develop their planning and administration abilities on public works, ii) to promote and strengthen human network among Asian countries through attending the seminar and conference.	(1) university graduate or equivalent in the field of public works engineering (2) directors responsible for research and development of public works in government institutions
COURSE CONTENTS	LANGUAGE
This seminar is consist of Country report presentation, lectures, discussion in the field of public works, field trips, and participation in the conference named "the 12th Conference on Public Works Research and Development in Asia". The featured topic on this year's course is 'Road traffic.'	English
	TRAINING INSTITUTIONS
	National Institute for Land and Infrastructure Man
	JICA CENTER
	Tsukuba International Centre
	COOPERATION PERIOD
	2003 ~ 2007
	REMARKS

PROJECT PLANNING AND MANAGEMENT IN PARTICIPATORY LOCAL SOCIAL DEVELOPMENT	
参加型地域社会開発のプロジェクト計画・管理	
Sep.29, 2003 ~ Nov.17, 2003 8participants J0303489	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
To gain comprehensive knowledge of the Participatory Approach as effective methodology for social preparation among target local people; acquire the basic framework to analyze the local peoples' capability and mechanisms of resource utilization and management in the context of a local community / social system; obtain comprehensive knowledge and skills of Participatory Local Social Development Planning and management; and be able to revise their present projects through review and analysis from PLSD viewpoints.	(1) be Counterparts of JICA projects in principle etc. (2) be university graduates or the equivalent, with occupational experience of more than 3 years (3) be between 28 and 45 years old
COURSE CONTENTS • Introduction of Participants' Projects • Conceptual Framework and Practical Method for Participatory Local Social Development • Exercise in PLSD Planning as well as Monitoring and Evaluation • Field Trip to PLSD sites • Exercises in PLSD Planning	LANGUAGE English
	TRAINING INSTITUTIONS NIHON FUKUSHI UNIVERSITY
	JICA CENTER Chubu International Centre
	COOPERATION PERIOD 2000 ~ 2004
	REMARKS

PARTICIPATORY LOCAL SOCIAL DEVELOPMENT THEORIES AND PRACTICE	
参加型地域社会開発の理論と実践	
Feb.2, 2004 ~ Mar.22, 2004 10participants J0300727	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The participants will gain sufficient knowledge of the Participatory Approach as effective methodology for social preparation among target local people, acquire the basic framework to analyze the local people's capability and resource management mechanisms in the context of a local community / social system, obtain comprehensible knowledge and skills of Participatory Local Social Development Planning, and can revise their respective present projects through review and analysis from PLSD viewpoints and perspectives.	1. be local government officers or NGO staff, who are involved either in local social development planning and implementation for rural areas etc.; 2. be university graduates, with occupational experience of more than 3 years; 3. be between 28 and 45 years old
COURSE CONTENTS 1. Conceptual Framework and Practical Method for Participatory Local Social Development (PLSD) 2. Sectoral Cases of PLSD Projects in Developing Countries 3. Introduction of Participants' Projects and of Sectoral Cases of PLSD Policy framework and Measures in Japan 4. Field Trip to PLSD sites 5. Exercises in PLSD Village Planning, Monitoring and Education 6. Improvement/ Alternation of Participants' own projects	LANGUAGE English
	TRAINING INSTITUTIONS NIHON FUKUSHI UNIVERSITY
	JICA CENTER Chubu International Centre
	COOPERATION PERIOD 2002 ~ 2006
	REMARKS

INFRASTRUCTURE DEV'T & PLANNING (FOR CIVIL ENGINEER) II	
社会資本整備計画II	
Sep.8, 2003 ~ Nov.16, 2003 8participants J0303530	
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
This course is offered to those who belong to the government or government affiliated organizations of developing countries an opportunity to acquire the contemporary knowledge and techniques concerning the roles of infrastructure, methods and process of survey, analysis, and planning, through lectures, observations and group studies.	(1) university graduates or those who have equivalent educational qualifications in the field of civil engineering, (2) civil engineers with at least five years' experience in planning infrastructure development (roads, railways, ports, water supply and sewage systems, dams, etc) (3) under 40 years of age
COURSE CONTENTS This course consists of common subjects for all participants and group studies. It covers very broad technical fields; roads, ports, water supply, sewage system, dams, and telecommunication in order for participants to obtain wide knowledge and technique to prepare comprehensive plans for the infrastructure. The main themes are: (1) introduction and social scheme of infrastructure development (2) regional/urban planning (3) highway, transport, telecommunication planning (4) river/port planning (5) case study (group discussion) on infrastructure development plans	LANGUAGE English
	TRAINING INSTITUTIONS Japan Construction Training Center Foundation
	JICA CENTER Osaka International Centre
	COOPERATION PERIOD 2001 ~ 2005
	REMARKS

THE ADVANCED COURSE OF PRACTICAL CONSTRUCTION MANAGEMENT(FOR CIVIL ENGINEER)

総合建設プロジェクトマネジメント

May.12, 2003 ~ Jul.25, 2003 9 participants J0300633

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
The purpose of this course is to help senior administrative engineers of public corporations and private enterprises to master comprehensive techniques, practical knowledge and application techniques in project planning, construction management, and quality control with a view to upgrading the ability of leading construction managers in developing countries, thus contributing to the qualitative improvement of construction technology and civil engineering works in their respective countries.	(1) university graduate or those who have undergone higher education in the field of civil engineering or have equivalent educational qualifications (2) at least five years of experience as construction managers (3) under 40 years of age
	LANGUAGE
	English
COURSE CONTENTS	TRAINING INSTITUTIONS
The course will be conducted in the form of lectures, observations of construction sites, case studies, group work, discussions, and practical training. Emphasis will be put on case studies. The main themes are: (1) introduction of management and organization of construction projects (2) construction planning (3) construction management and methods (4) construction project management (group study)	Japan Construction Training Center Foundation
	JICA CENTER
	Osaka International Centre
	COOPERATION PERIOD
	1999 ~ 2003
	REMARKS

GENERAL MANAGEMENT FOR REGIONAL DEVELOPMENT AND PLANNING

地域開発計画管理II

Sep.9, 2003 ~ Nov.1, 2003 7 participants J0300764

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
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.	(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
	LANGUAGE
	English
COURSE CONTENTS	TRAINING INSTITUTIONS
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	HOKKAIDO BUREAU, MLIT
	JICA CENTER
	Hokkaido International Centre, Sapporo
	COOPERATION PERIOD
	2003 ~ 2007
	REMARKS

SEMINAR ON PUBLIC WORKS ADMINISTRATION IN REGIONAL GOVERNMENT II

地域土木行政セミナーII

Sep.9, 2003 ~ Oct.25, 2003 5 participants J0303512

OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT
Overall Goal is that (1) to understand the current situation of public works administration in Japan , (2) to obtain information of regional development planning , (3) to obtain information of the development history of infrastructure in Hokkaido , (4) to get knowledge of civil engineering projects, such as road, river, dam, airport, harbor and erosion control , (5) to understand the public works administrative processes from planning to construction and completion , and (6) to acquire knowledge of the consulting company's function and scope of work	(1) be senior technical officers in charge of public works administration in central government or in government's affiliated organization; (2) have more than 5 years of practical experience; (3) be under 40 years of age
	LANGUAGE
	English
COURSE CONTENTS	TRAINING INSTITUTIONS
The following major subjects will be covered in the course: (1) Lecture (a)current situation of public works administration in Japan (b)regional development planning (c)development history of infrastructure in Hokkaido (d)civil engineering projects, such as road, river, dam, airport, harbor and erosion control (e)processes of granting regional request to the public works, etc (2)Practical exercise (a)planning of the project and its budget integration (b)consulting work , and (3)Observation tours (a)civil engineering projects, such as road, river, dam, airport, harbor and erosion control in Hokkaido and other part of Japan	DEPARTMENT OF PUBLIC WORKS, HOKKAIDO GOVERNMENT
	JICA CENTER
	Hokkaido International Centre, Sapporo
	COOPERATION PERIOD
	2001 ~ 2005
	REMARKS

Pollution Control

〈公害対策〉

SEMINAR ON POLICY IMPLEMENTATION AND ALTERNATIVE TECHNOLOGIES CONCERNING OZONE LAYER PROTECTION

オゾン層保護対策・代替技術セミナー

Jan.13, 2004 ~ Feb.29, 2004 18 participants J0300698

OVERALL GOAL / 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".

QUALIFICATION OF APPLICANT

(1) be senior-class officers of a national machinery in charge of ozone layer protection or in those of the equivalent post
(2) be between 30 and 45 years of age (3) be university graduates or possess equivalent technical qualifications in this field (4) have a sufficient command of spoken and written English

LANGUAGE

ENGLISH

COURSE CONTENTS

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 (f) 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

TRAINING INSTITUTIONS

Manufacturing Industries Bureau, METI

JICA CENTER

Tokyo International Centre

COOPERATION PERIOD

2000 ~ 2004

REMARKS

AIR POLLUTION SOURCE MONITORING MANAGEMENT

大気汚染源モニタリング管理

Aug.18, 2003 ~ Dec.3, 2003 8 participants J0300660

OVERALL GOAL / PURPOSE

The purpose of the training course is to develop the capacity in environmental management promoting comprehensive air pollution control, and to upgrade the technical knowledge of the air pollution source monitoring, for the officials who are currently engaged in air pollution control in local or central government.

QUALIFICATION OF APPLICANT

(1) technical officials directly engaged in air pollution control administration, having more than 3 years of experience
(2) university graduated in chemistry, chemical engineering, sanitary engineering environmental engineering, environmental science or biology
(3) 45 years of age or younger

LANGUAGE

English

COURSE CONTENTS

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

TRAINING INSTITUTIONS

KITAKYUSHU INT'L TECHNO-COOPERATIVE ASSOCIATION

JICA CENTER

Kyusyu International Centre

COOPERATION PERIOD

2000 ~ 2004

REMARKS

AIR POLLUTION CONTROL

大気汚染対策

Aug.25, 2003 ~ Dec.7, 2003 8 participants J0300613

OVERALL GOAL / 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 the technical ability of the participants, thus contribute to the prevention of environmental pollution in their respective countries.

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

LANGUAGE

English

COURSE CONTENTS

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.

TRAINING INSTITUTIONS

GLOBAL ENVIRONMENT CENTRE FOUNDATION

JICA CENTER

Osaka International Centre

COOPERATION PERIOD

1999 ~ 2003

REMARKS

AIR QUALITY MANAGEMENT POLICY

大気保全政策

Jan.20, 2004 ~ Mar.7, 2004 9 participants J0300329

OVERALL GOAL / PURPOSE

The purpose of the course is to learn Japanese air quality management through lectures and site visits, and contribute to improvement of air quality management policy in respective countries especially from technical aspects. The goal of the course is to increase capacity of trainees who are able to plan air pollution measures and exercise his/her leadership in air quality management policy at respective countries.

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) have a sufficient command of spoken and written English

LANGUAGE

English

COURSE CONTENTS

The course consists of lectures, exercises, and site visits. They are
 (1) Japanese air quality management,
 (2) Emission reduction measures of air pollutants,
 (3) Air pollution prevention measures by private companies,
 (4) Environmental monitoring and EIA, and
 (5) Country report presentation, Discussion and Action plan presentation.

TRAINING INSTITUTIONS

Japan Environmental Sanitation Center

JICA CENTER

Hachioji International Centre

COOPERATION PERIOD

1984 ~ 2003

REMARKS

CAPACITY BUILDING FOR POLICY MAKER REGARDING GLOBAL WARMING(KYOTO MECHANISM)

地球温暖化対策(京都メカニズム)担当者養成

Jun.16, 2003 ~ Aug.4, 2003 10 participants J0300793

OVERALL GOAL / PURPOSE

As Japan is partly to the United Nations Framework Convention on Climate Change, the purpose of the course is to systematically introduce measures to reduce emission of Green House Gases and give participants better understanding of Kyoto Mechanism and role of the developing countries in Clean Development Mechanism.

QUALIFICATION OF APPLICANT

- 1) Administrative officers or researchers of national/local government who are in charge of making and/or implementing the policies concerning Kyoto Mechanism.
- 2) less than 45 years of age

LANGUAGE

English

COURSE CONTENTS

- 1) Scientific aspect of Climate Change
 In this session participants learn about lobaal warming and its influence and Japan's GHGs emission mitigation measures to achieve the commitment stitulated in the Kyoto Protocol.
- 2) Measures to limit and reduce emission of GHGs
 - Measures taken by industries against global warming
 - Energy and rsource saving for CO2 reduction in major energy intensive industry
 - New energy development and its economic efficiency.
- 3) Kyoto Protocol and the Role of Kyoto Mechanism:Clean development Mechanism, Joint Implementation, Emmission Trading
- 4) Role of the developing countries for the facilitation of CDM projects

TRAINING INSTITUTIONS

INT'L CENTER FOR ENVIRONMENTAL TECH. TRANSFER

JICA CENTER

Chubu International Centre

COOPERATION PERIOD

2003 ~ 2007

REMARKS

Intensive Japanese Lesson : 30 hours

STRATEGIES ON CLIMATE CHANGE AND DEVELOPMENT OF NATIONAL INVENTORIES

地球温暖化対策コース

Jan.6, 2004 ~ Feb.26, 2004 15 participants J0300572

OVERALL GOAL / 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

QUALIFICATION OF APPLICANT

- (1) administrative officials who are presently working in a government organization and are in charge of climate change/global warming issue
- (2) university graduate or equivalent
- (3) from 30 to 45 years of age

LANGUAGE

English

COURSE CONTENTS

- The curriculum consists of the following three parts.
- (1) Lectures on (a) outline of the Framework Convention on Climate Change (b) outline of IPCC and its publications; (c) Japan's actions to address global warming; (d) methodologies to calculate GHG emissions; (f) various kind of policies and measures and (g) vulnerability and adaptation measures, etc.
 - (2) Presentation and discussions (a) presentation of Country Reports; (b) groupwork on Action Plan to cope with global warming issues
 - (3) Field trips and study visits

TRAINING INSTITUTIONS

MINISTRY OF THE ENVIRONMENT

JICA CENTER

Tsukuba International Centre

COOPERATION PERIOD

1997 ~ 2006

REMARKS