

No.12040/7/2014-TRG(FTC/IR)
Government of India
Ministry of Personnel, Personnel Grievances and Pensions
Department of Personnel and Training
[Training Division]

Block-4, Old JNU Campus
New Mehrauli Road, New Delhi-67
Dated – February 26, 2014

TRAINING CIRCULAR

Subject: Group Training Course in 'Agricultural Improvement in Upland Crop Farming Areas for Rural Development' to be held in Japan from May 13 to August 02, 2014 under the Technical Cooperation Programme of the Government of Japan

The undersigned is directed to state that the Japan International Cooperation Agency (JICA) has invited applications for the above mentioned training programme to be held in Japan from May 13 to August 02, 2014 under the Technical Cooperation Programme of the Government of Japan.

2. The programme aims to equip training participants with knowledge and skill of proper construction planning and design and technology selection. Upland crop farming areas are mainly covered in this programme.
3. The programme is offered to leading government civil engineers with experience in survey, planning, design and construction management for agricultural infrastructure improvement (i.e. irrigation, drainage, agricultural land improvement, disaster prevention).
4. The applying organizations are expected to select leading civil engineers with experience in surveying, planning, construction management or infrastructure management for agricultural infrastructure improvement (i.e, irrigation, drainage, agricultural land improvement, disaster prevention) in crop field farming. The candidates for this course should have more than 3 years of practical experience in the relevant field as mentioned above; should be nominated by their government in accordance with procedures mentioned in para IV of the general information brochure for this course; be an university graduate or equivalent; have a competent command of spoken and written English; be in good health (both physically and mentally); not be a part of military service. The nominee below 50 years of age will be recommended for this course.
5. In addition to above, the following information in respect of the nominated officers may please be mentioned while furnishing the nomination:-
 - a) Whether attended any foreign training programme in the past? If so, the duration/detail thereof;
 - b) Whether cleared from vigilance angle;
 - c) Age;
 - d) Whether working in North East State/J&K;
 - e) A brief in 50-100 words justifying the nomination.

.....2/-

6. The course covers the cost of a round-trip air ticket between international airport designated by JICA and Japan; travel insurance from the time of arrival in Japan to departure from Japan; allowances for (accommodation, living expenses, outfit and shipping); expenses for JICA study tours and free medical care for participants who may fall ill after reaching Japan (costs relating to pre-existing illness, pregnancy, or dental treatment are not included).

7. It is therefore requested that the nomination of suitable candidates may please be forwarded **(in duplicate)** in JICA's prescribed form (available in **persmin.nic.in→DOPT→Training Wing→Circular→JICA**) to this Department duly authenticated by the HOD of the concerned department in accordance with the eligibility criteria.

8. The applications should reach this Department through the Administrative Ministry/State Government not later than **March 22, 2014**. Nominations received after the prescribed date will not be considered. The details of the programme may be drawn from Ministry of Personnel, Public Grievances and Pensions' website (**persmin.nic.in**).


(N.K. Wadhwa)

Under Secretary to the Government of India

Tele.No.011-26165682

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Copy to:

- a) The Secretary, D/o Agriculture & Cooperation, Krishi Bhavan, New Delhi,
- b) The Secretary, D/o Agricultural Research & Education, Krishi Bhavan, New Delhi,
- c) The Secretary, M/o Rural Development, Krishi Bhavan, New Delhi,
- d) The Chief Secretaries to all the State Governments/Union Territories(with request to circulate the same amongst their related Departments/Organizations),
- e) NIC with request to post the circular along with the JICA's circular on this Department's website.



GROUP AND REGION-FOCUSED TRAINING

GENERAL INFORMATION ON

**“Agricultural Infrastructure Improvement
in Upland Crop Farming Areas
for Rural Development”**

課題別研修「農村開発のための畑地帯における農業基盤整備」

JFY 2014

NO. J1404317 / ID. 1480903

Course Period in Japan: From May 13th, 2014, 2014 to August 2nd, 2014

This information pertains to one of the Group and Region-Focused Training of the Japan International Cooperation Agency (JICA), which shall be implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.

I. Concept

Background

One of the major factors behind low agricultural productivity in developing countries is underdeveloped agricultural infrastructure. Undeveloped land, even if fertile, leads to a failure to expand areas of irrigated land or to convert land with poor drainage into farmland. In addition to issues of soil conservation, there are also cases of inefficient use of farmland, such as forced planting of crops on steep slopes.

Even when development projects are launched, not all of them are completed successfully. A lack of expertise or environmental and social considerations in planning, design or execution management phases gives rise to various problems, e.g., canals where water does not flow as planned, unused agricultural reservoirs, delayed construction and relatively high construction costs. These problems are largely caused by significant shortages of leading engineers with expertise and techniques needed for drawing up proper project plans, design, construction management and quality control in the field of agricultural infrastructure improvement (e.g., irrigation, agricultural land improvement and agricultural land disaster prevention).

Accordingly, human resource development at public institutions that execute such projects under direct management is a top priority in developing countries where the system of private consultants and contractors has not yet been fostered.

For what?

This program aims to equip training participants with knowledge and skill of proper construction planning and design, and technology selection. Upland crop farming areas are mainly covered in this program.

For whom?

This program is offered to leading civil engineers with experience in survey, planning, design, and construction management for agricultural infrastructure improvement (i.e., irrigation, drainage, agricultural land improvement, disaster prevention).

How?

Major components of the program are lectures, practicals and field visits. Participants will also make an Interim Report describing what the participant will do after they go back to their home country putting the knowledge and ideas acquired and discussed in Japan among other participants into their on-going activities.

II. Description

1. Title (J-No.): Agricultural Infrastructure Improvement in Upland Crop Farming Areas for Rural Development (J-1404317)

2. Course Period in JAPAN

Duration of whole program: April, 2014 to February, 2015

Preliminary Phase: April to May, 2014
(in a participant's home country)

Core Phase in Japan: May 13th to August 2nd, 2014

Finalization Phase: August, 2014 to February, 2015
(in a participant's home country)

3. Target Regions or Countries

Afghanistan, Bangladesh, India, Malawi, Mozambique, Myanmar, Philippines, Zimbabwe

4. Eligible / Target Organization

This program is designed for organizations related to agricultural infrastructure improvement (i.e., irrigation, drainage, agricultural land improvement, disaster prevention)

5. Course Capacity (Upper limit of Participants)

10 participants

6. Language to be used in this program: English

7. Course Objective:

Expertise on construction plans and execution management is shared with engineers in organizations implementing agricultural infrastructure improvement projects, and the consideration of the actual construction project is initiated.

8. Overall Goal

The capability of organizations implementing agricultural infrastructure improvement projects to draft plans, to work out designs and to perform execution management is improved.

9. Expected Module Output and Contents:

This program consists of the following components. Details on each component are given below (Training schedule in 2013 are shown in the ANNEX "Training Schedule in 2013"):

(1) Preliminary Phase in a participant's home country (April to May, 2014) Participating organizations make required preparation for the program in the respective country.	
Expected Module Output	Activities
Inception Report is formulated.	Formulation and submission of Inception Report. Please refer to section VI-Attachment-1.

(2) Core Phase in Japan (May 13 to August 2, 2014) Participants dispatched by the organizations attend the program implemented in Japan, and make an Interim Report by the end of the core phase in Japan.		
Expected Module Output	Subjects/Agendas	Methodology
1. Participants will be able to identify challenges in their own countries with regard to the legal system, processes up to the drafting of plans, project implementation systems, environmental considerations, etc.	<ul style="list-style-type: none"> - Overview of Administrative Organizations - PCM Workshop - Overview of Agriculture in Tokachi Region - Food Situation and Legal System - Organization of Agricultural Cooperatives - Climate of Tokachi and Agricultural Hydrology - Outline of Land Improvement District 	Lectures, field visits and practice
2. Participants will be able to make judgments about the appropriateness of infrastructure improvement projects in terms of technical levels, economic efficiency, and environmental and social considerations.	<ul style="list-style-type: none"> - Farming Program and Project Effect - Agricultural Land Disaster Prevention Project - Upland Field Irrigation Facilities - Observation of Shinryu Land Improvement District - National Agricultural Land Reclamation and Readjustment Project - Planning and Designing of Dam - Animal-waste-driven Biogas Plant - Utilization of Artificial Satellite for Agriculture - Orientation of Applying Technologies and Land Improvement District System Acquired in the Training through Case Studies - Construction Cost Estimating and Scheduling - Kakogawa Water System Regional Agricultural Water Use Facility - Aichi Canal 	Lectures, field visits and practice

	<ul style="list-style-type: none"> - Project Implementation and Environmental Measures (including Eco-system) - Agricultural Research Institution and Agricultural Machinery - Opened Rural Area and Farm-Inn 	
3. Participants will be able to explain typical construction methods in agricultural infrastructure improvement projects as well as highly versatile expertise and techniques.	<ul style="list-style-type: none"> - Soil in Tokachi (1) (Overview) - Soil in Tokachi (2) (Soil Moisture Characteristics) - Protection Forests and Erosion Control in Tokachi Region - Farmland Reclamation Project - Farm Road Improvement Project - Drainage Channels and Underdrainage - Irrigation and Drainage Project - Field Irrigation - Field Irrigation (Planning and Design of Terminal Facilities) - Prefecture-operated Agricultural Infrastructure and Rural Development Project - Planning and Design of Head Work - Planning and Design of Irrigation Pipelines (1) (2) - Property and Utilization of Engineering Materials (Soil) - Property and Utilization of Engineering Materials (Concrete)/Ground Survey for Design 	Lectures, field visits and practice
4. Participants will be able to explain expertise and techniques with regard to execution management and safety measures.	<ul style="list-style-type: none"> - Concrete Materials and Handling of Concrete - Process Description Method - Construction Planning and Safety Measures - Progress Control and Quality Control 	Lectures, field visits and practice

(3) Finalization Phase in a participant's home country

(August, 2014 to February, 2015)

Participating organizations produce final outputs by making use of results brought back by participants. This phase marks the end of the Program.

Expected Module Output	Activities
To examine the results brought back by participants	Application and implementation of the results back in the participant's country and submission of the Final Report by March, 2015 to the respective country's JICA office.

III. Conditions and Procedures for Application

1. Expectations from the Participating Organizations:

- (1) This program is designed primarily for organizations that intend to address specific issues or problems identified in their operation. Participating organizations are expected to use the project for those specific purposes.
- (2) This program is enriched with contents and facilitation schemes specially developed in collaboration with relevant prominent organizations in Japan. These special features enable the project to meet specific requirements of applying organizations and effectively facilitate them toward solutions for the issues and problems.
- (3) As this program is designed to facilitate organizations to come up with concrete solutions for their issues, the participating organizations are expected to make due preparation before dispatching their participants to Japan by carrying out the activities of the Preliminary Phase described in section II-9.
- (4) Participating organizations are also expected to make the best use of the results achieved by their participants in Japan by carrying out the activities of the Finalization Phase described in section II-9.

2. Nominee Qualifications:

Applying Organizations are expected to select nominees who meet the following qualifications.

(1) Essential Qualifications

- 1) Current Duties: be leading civil engineers with experience in surveying, planning, construction management or infrastructure management for agricultural infrastructure improvement (i.e., irrigation, drainage, agricultural land improvement, disaster prevention) in crop field farming,
 - 2) Experience in the relevant fields: have more than three (3) years of practical experience,
 - 3) be nominated by their government in accordance with procedures mentioned in IV. below,
 - 4) Educational background: be university graduates or equivalent,
 - 5) Language: have a competent command of spoken and written English which is equal to TOEFL iBT* 72 (CBT** 200/PBT*** 533) or more (The program is conducted wholly in the medium of English, therefore participants are requested to have sufficient English ability).
- *iBT: Internet-Based Testing/ **CBT: Computer-Based Testing/
***PBT: Paper-Based Testing,
- 6) Health: must be in good health, both physically and mentally, to participate in the Program in Japan
 - 7) Must not be serving any form of military service.

(2) Recommendable Qualifications

- 1) Age: be under fifty (50) years of age.

3. Required Documents for Application

(1) Application Form: The Application Form is available at **the JICA office (or the Embassy of Japan)**.

*Pregnancy

Pregnant participants are strictly requested to attach the following documents in order to minimize the risk for their health.

1. letter of the participant's consent to bear economic and physical risks
2. letter of consent from the participant's supervisor
3. doctor's letter with permission of her training participation.

Please ask JICA Staff for the details.

(2) Photocopy of passport: to be submitted with the application form, if you possess your passport which you will carry when entering Japan for this program. If not, you are requested to submit its photocopy as soon as you obtain it.

*Photocopy should include the followings:

Name, Date of birth, Nationality, Sex, Passport number and Expire date.

(3) Nominee's English Score Sheet: to be submitted with the application form. If you have any official documentation of English ability. (e.g., TOEFL, TOEIC, IELTS)

4. Procedures for Application and Selection :

(1) Submission of the Application Documents:

Closing date for applications: **Please inquire to the JICA office (or the Embassy of Japan)**.

(After receiving applications, the JICA office (or the Embassy of Japan) will send them to **the JICA Center in JAPAN** by April 1st, 2014)

(2) Selection:

After receiving the documents through proper channels from your government, the JICA office (or the embassy of Japan) will conduct screenings, and then forward the documents to the JICA Center in Japan. Selection will be made by the JICA Center in consultation with concerned organizations in Japan. *The applying organization with the best intention to utilize the opportunity of this program will be highly valued in the selection.*

(3) Notice of Acceptance

Notification of results will be made by the JICA office (or the Embassy of Japan) **not later than April 10th, 2014.**

5. Document(s) to be submitted by accepted candidates:

Inception Report -- to be submitted by April 22nd, 2014:

Before coming to Japan, only accepted candidates are required to prepare an Inception Report (detailed information is provided in the ANNEX "Inception Report".) The Inception Report should be sent to JICA by April 22nd, 2014, preferably by e-mail to jicaobic@jica.go.jp

6. Conditions for Attendance:

- (1) to strictly adhere to the program schedule.
- (2) not to change the program topics.
- (3) not to extend the period of stay in Japan.
- (4) not to be accompanied by family members during the program.
- (5) to return to home countries at the end of the program in accordance with the travel schedule designated by JICA.
- (6) to refrain from engaging in any political activities, or any form of employment for profit or gain.
- (7) to observe Japanese laws and ordinances. If there is any violation of said laws and ordinances, participants may be required to return part or all of the training expenditure depending on the severity of said violation.
- (8) to observe the rules and regulations of the accommodation and not to change the accommodation designated by JICA.

IV. Administrative Arrangements

1. Organizer:

(1) **Name:** JICA Hokkaido International Center in Obihiro (OBIC)

(2) **Contact:** Mr. Shunichi Murakami
(Murakami.Shunichi@jica.go.jp)

2. Implementing Partner:

(1) **Name:** Obihiro Development and Construction Department, Hokkaido Regional Development Bureau, Ministry of Land, Infrastructure and Transport

(2) **URL:** <http://www.hkd.mlit.go.jp/eng/index.html>

3. Travel to Japan:

(1) **Air Ticket:** The cost of a round-trip ticket between an international airport designated by JICA and Japan will be borne by JICA.

(2) **Travel Insurance:** Coverage is from time of arrival up to departure in Japan. Thus traveling time outside Japan will not be covered.

4. Accommodation in Japan:

JICA will arrange the following accommodations for the participants in Japan:

Hokkaido International Center in Obihiro (OBIC)

Address: Nishi 20-jo, Minami 6-chome 1-2, Obihiro, Hokkaido, 080-2470, Japan

TEL: 81-155-35-2001 FAX: 81-155-35-2213

(where "81" is the country code for Japan, and "155" is the local area code)

If there is no vacancy at OBIC, JICA will arrange alternative accommodations for the participants.

5. Expenses:

The following expenses will be provided for the participants by JICA:

(1) Allowances for accommodation, meals, living expenses, outfit, and shipping

(2) Expenses for study tours (basically in the form of train tickets.)

(3) Free medical care for participants who become ill after arriving in Japan (costs related to pre-existing illness, pregnancy, or dental treatment are not included)

(4) Expenses for program implementation, including materials

For more details, please see "III. ALLOWANCES" of the brochure for participants titled "KENSU-IN GUIDE BOOK," which will be given before departure for Japan.

6. Pre-departure Orientation:

A pre-departure orientation will be held at the respective country's JICA office (or Japanese Embassy), to provide participants with details on travel to Japan, conditions of the workshop, and other matters.

V. Other Information

1. Participants who have successfully completed the training program will be awarded a certificate by JICA.

2. School visit & Home visit

For the purpose of the promotion of international cultural exchange, this training program includes a school visit to Japanese local elementary or junior high schools as well as communities. All the participants are requested to take part in this exchange program. To introduce your country, it is advisable for participants to bring some

(1) musical instruments, and/or popular music CDs,

(2) crafts,

(3) photos of foods, clothes, housings, and families of participants (digital data are preferable) and so on.

There are also some cases to introduce their country's dances and games.

3. Courtesy call to Obihiro city & Ceremony

The program includes courtesy call to Obihiro city and some ceremonies, for which it is recommended to bring appropriate clothes.

4. Medical history

In case you have or have had malaria, you are requested to bring the medicine for malaria with you because it is quite difficult to obtain it in Japan.

5. Climate

The climate condition in Obihiro is given below. Participants are advised to prepare appropriate clothes.

		Winter		/ Spring		/ Summer			/ Autumn		/ Winter		
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Temperature (°C)	Maximum	-2	-1	3	11	18	20	24	25	21	15	8	1
	Average	-8	-7	-2	5	11	15	18	20	16	10	3	-4
	Minimum	-14	-13	-7	0	5	10	15	16	12	4	-2	-9
Humidity (%)		70	69	67	66	69	79	83	82	79	73	68	69
Precipitation (mm)		42	31	50	61	80	86	94	139	140	92	68	40

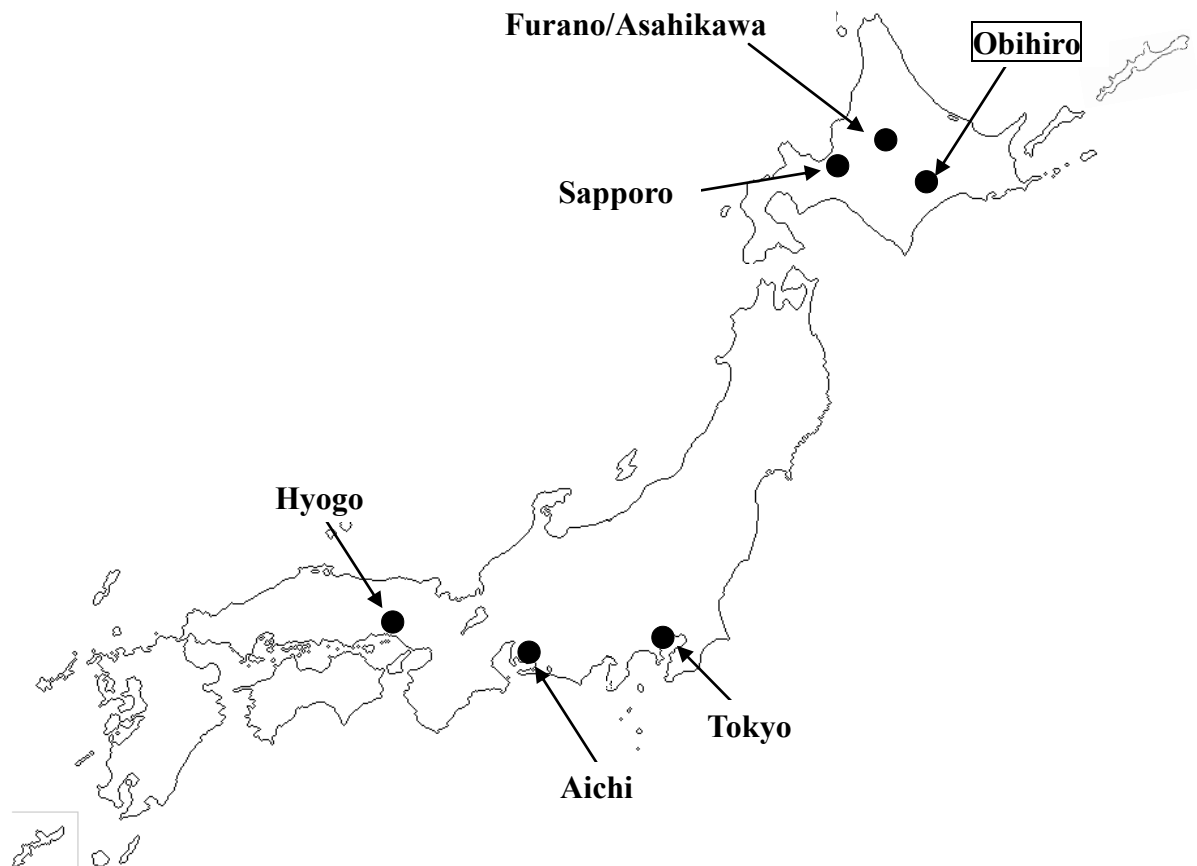
(Average from 1971 to 2000)

5. Study Trip

As a supplemental program, there is a residential study trip during your stay.

- (1) Furano/Asahikawa...Duration: About 2 days
Field visit: Asahikawa Development and Construction Department, Furano Land Improvement District, Shinryu Land Improvement District
- (2) Sapporo...Duration: About 1 day
Lecture/Practical: Kyowa Concrete Industry Co., Ltd.
- (3) Hyogo...Duration: About 1 day
Field visit: Kakogawa water system regional agricultural water use management office in Kinki region
- (4) Aichi...Duration: About 1 day
Field visit: Aichi Canal Land Improvement District Office

Note: The schedule is subject to change due to the coordination of curriculum.



VI. ANNEX:

Attachment-1

Inception Report

Participants are requested to prepare an Inception Report as mentioned III.- 5., and it needs to include following contents. The Inception Report will be delivered persons concerned for the selection of the most suitable training subject for the participants.

a. Purposes

- (1) To clarify issues and problems presently faced in their work in order to facilitate the acquisition of knowledge and ideas leading to solutions during the training program.
- (2) To provide advance information regarding issues and problems faced by participants to lecturers and organizations concerned with the program as a point of reference in finding solutions.

b. Contents

- (1) Name of training program
- (2) Name of applicant
- (3) Name of organization
- (4) Organization chart
- (5) Roles of the organization and the department to which the applicant belongs
- (6) Introduction of the work of which the applicant has been in charge for the last one year
- (7) Problems with which the applicant is facing in their present job
- (8) Subjects in which the applicant is particularly interested in this program and the reasons

c. Layout

Typewritten in English, 3-4 pages (12-point font, double spaced, A4 size paper)

- * or you could utilize MS Power Point as well. As mentioned below, you need to present your Inception Report using MS Power Point. Then it is more efficient to formulate Inception Report utilizing MS Power Point.

d. Presentation

The Inception Report is to be presented by each participant using MS PowerPoint at the beginning of the program.

- (1) The time allocation for each presentation of the Inception Report will be about 8-10 minutes.
- (2) It is advisable to bring some materials such as pictures or other visual aids for your presentation.

Training Schedule in 2013

Type L: Lecture F: Field visit P: Practice

Date		Time	Type	Contents
May 14	Tue			Arrival in Obihiro
May 15	Wed	9:30-14:15		Briefing
		14:30-16:30		General Orientation
		18:00-19:30		Japanese Class
May 16	Thu	9:30-12:00		General Orientation
		13:00-15:00		General Orientation
		15:15-16:30		Briefing
		18:00-19:30		Japanese Class
May 17	Fri	9:15-9:45		Courtesy Visit to Vice Mayor of Obihiro City
		13:00-16:30		Rehearsal of Interim Report Presentation
		18:00-19:30		Japanese Class
May 18	Sat	(Day off)		
May 19	Sun	(Day off)		
May 20	Mon	9:00-9:30	L	Courtesy Visit to Mayor of Obihiro City
		10:30-12:00		Course Orientation, Lecture; "Overview of Administrative Organizations"
		13:30-16:30		Inception Report Presentation
		16:30-17:00		Exchange Gathering (with course leader, lecturers, staff)
May 21	Tue	9:30-16:00	L/P	Project Cycle Management
May 22	Wed	9:30-16:00	L/P	Project Cycle Management
		18:30-20:30	L/P	Computer Class
May 23	Thu	9:30-16:00	L/P	Project Cycle Management
		18:30-20:30	L/P	Computer Class
May 24	Fri	9:30-11:30	L	Organization of Agricultural Cooperative
		13:30-16:30	F	Visits to institutions under the Federation
		18:30-20:30	L/P	Computer Class
May 25	Sat	(Day off)		
May 26	Sun	(Day off)		
May 27	Mon	9:30-11:30	L	Overview of Agriculture in Tokachi Region
		13:30-16:00	L	Food Situation and the Legal System
May 28	Tue	9:30-12:00	L	Agricultural Infrastructure & Rural Improvement Projects in Tokachi Region
		13:30-16:00	L	Climate of Tokachi & Agricultural Hydrology

Date		Time	Type	Contents
May 29	Wed	9:30-16:00	P	Guidance on Interim Report Preparation ①(Problem Analysis & Objective Analysis), Briefing on Technical Notes
May 30	Thu	9:30-16:00	L/P	Soil in Tokachi ① (Overview)
May 31	Fri	9:30-16:00	L	Soil in Tokachi ② (Soil Moisture Characteristics)
June 1	Sat			
June 2	Sun			
June 3	Mon	9:30-12:00	L	Farm Management Plan and Project Effect
		13:30-16:00	L	Animal-waste-driven Biogas Plant
June 4	Tue	9:30-11:30	L	National Agricultural Land Reclamation and Readjustment Project
		13:00-16:00	F	Field visit to the project site
June 5	Wed	9:30-11:30	L	Planning and Designing of Dam
		13:00-16:00	F	Field visit to the project site
June 6	Thu	9:30-11:30	L	Agricultural Land Disaster Prevention Project
		13:00-16:30	F	Field visit to the project site
June 7	Fri	9:30-16:00	P	Guidance on Interim Report Preparation ② (putting technical notes on the board, "A path to the Action Plan")
June 8	Sat			
June 9	Sun	Study Trip in Hokkaido (Itinerary is handed out prior to the trip)		Obihiro ⇒ Furano (by chartered bus)
June 10	Mon		F	Upland Field Irrigation Facilities
June 11	Tue		F	Shinryu Land Improvement District, Late evening: Return to Obihiro
June 12	Wed			
June 13	Thu	9:30-16:00	L	Agricultural Research Institution & Agricultural Machinery
June 14	Fri			School Visit
June 15	Sat			
June 16	Sun			
June 17	Mon	9:30-11:30	L	Project Implementation & Environmental Measures (including Eco-system)
		13:00-16:30	F	Field visit to the project site
June 18	Tue	9:30-11:30	L	Field Irrigation
		13:00-16:00	F	Field visit to the project site
June 19	Wed	9:30-11:30	L	Farmland Reclamation Project
		13:30-16:30	F	Field visit to the project site

Date		Time	Type	Contents
June 20	Thu	9:30-12:00	L	Farm Road Improvement Project
		13:30-16:00	F	Field visit to the project site
June 21	Fri	9:30-12:00	L	Drainage Channels & Underdrainage
		13:30-16:00	F	Field visit to the project site
June 22	Sat			
June 23	Sun			
June 24	Mon	9:30-11:30	L	Protection Forests and Erosion Control in Tokachi Region
		13:00-16:30	F	Field visit to the project site
June 25	Tue	9:30-11:30	L	Prefecture-operated Agricultural Infrastructure and Rural Development Project
		13:00-16:30	F	Field visit to the project site
June 26	wed	9:30-11:30	L	Planning and Design of Head Works
		13:00-17:00	F	Field visits to Satsunai-river Headwork & Satsunai-river Dam
June 27	Thu	9:30-11:30	L	Planning and Design of Irrigation Pipelines
		13:00-16:00	F	Field visit to the project site
June 28	Fri	9:30-11:30	L	Field Irrigation (Planning and Design of Terminal Facilities)
		13:00-17:00	F	Field visit to the project site
June 29	Sat			
June 30	Sun			
July 1	Mon	9:30-16:00	L	Consideration and Case studies of the Applications of Technologies Acquired and Land Improvement Districts
July 2	Tue	9:30-16:00	L	Cost Estimation & Bar Charts
July 3	Wed	9:30-12:00		Discussion
		13:30-16:00	L	Outline of Land Improvement District
July 4	Thu	9:30-11:30	L	Construction Planning and Safety Measures
		13:00-16:30	F	Field visit to the project site
July 5	Fri	9:30-12:00	L	Reuse of Construction Byproducts
		13:30-16:00	F	Field visit to the project site
July 6	Sat			
July 7	Sun			
July 8	Mon	9:30-12:00	L	Utilization of Artificial Satellite for Agriculture
		13:30-17:00	P	

Date		Time	Type	Contents
July 9	Tue	Study trip to Hyogo & Aichi Prefecture (Itinerary is handed out prior to the trip)		Obihiro → Kobe city in Hyogo Prefecture
July 10	Wed		F	Kakogawa Water System Regional Agricultural Water Use Facility
July 11	Thu			Kobe → Nagoya (Kyoto Bus Tour)
July 12	Fri		F	Aichi Canal
July 13	Sat			Nagoya → Obihiro
July 14	Sun			International Tractor BAMBA
July 15	Mon			Natinal Holiday (Marine Day)
July 16	Tue	9:30-11:30	L	Progress Control and Quality Control
		13:00-16:30	F	Field visit to the project site
July 17	Wed			
July 18	Thu	9:30-16:00	L/P	Functional Diagnostic (Stock Management)
July 19	Fri	9:30-16:30	L/P	Material and Handling of Concrete
July 20	Sat			
July 21	Sun			
July 22	Mon	9:30-12:00	P	Guidance on Interim Report Preparation ③ (Preparation for the Discussion on Action Plan)
		13:30-16:30	P	Guidance on Interim Report Preparation ④ (Discussion on Action Plan)
July 23	Tue	9:30-11:30	L	Opened Rural Area and Farm-Inn
		13:30-16:00	F	Visit to a farm-inn
July 24	Wed	9:30-16:00	P	Process Description Method ①
July 25	Thu	9:30-15:30	L/P	Property and Utilization of Engineering Materials (Soil)
July 26	Fri	9:30-15:30	L/P	Property and Utilization of Engineering Materials (Concrete), Ground Survey for Design
July 27	Sat			
July 28	Sun			
July 29	Mon	9:30-16:00	P	Process Description Method ②
July 30	Tue	9:30-16:00	P	Process Description Method ③
July 31	Wed	9:30-16:00		Rehearsal/Preparation of Interim Report Presentation
Aug 1	Thu	11:00-16:30		Interim Report Presentation
		16:30-17:00		Closing Ceremony
		17:00-18:00		Closing Party
Aug. 2	Fri	10:00-11:30		Evaluation Meeting
		13:00-16:00		Discussion
Aug. 3	Sat			Departure from Obihiro

For Your Reference

JICA and Capacity Development

The key concept underpinning JICA operations since its establishment in 1974 has been the conviction that “capacity development” is central to the socioeconomic development of any country, regardless of the specific operational scheme one may be undertaking, i.e. expert assignments, development projects, development study projects, training programs, JOCV programs, etc.

Within this wide range of programs, Training Programs have long occupied an important place in JICA operations. Conducted in Japan, they provide partner countries with opportunities to acquire practical knowledge accumulated in Japanese society. Participants dispatched by partner countries might find useful knowledge and re-create their own knowledge for enhancement of their own capacity or that of the organization and society to which they belong.

About 460 pre-organized programs cover a wide range of professional fields, ranging from education, health, infrastructure, energy, trade and finance, to agriculture, rural development, gender mainstreaming, and environmental protection. A variety of programs are being customized to address the specific needs of different target organizations, such as policy-making organizations, service provision organizations, as well as research and academic institutions. Some programs are organized to target a certain group of countries with similar developmental challenges.

Japanese Development Experience

Japan was the first non-Western country to successfully modernize its society and industrialize its economy. At the core of this process, which started more than 140 years ago, was the “*adopt and adapt*” concept by which a wide range of appropriate skills and knowledge have been imported from developed countries; these skills and knowledge have been adapted and/or improved using local skills, knowledge and initiatives. They finally became internalized in Japanese society to suit its local needs and conditions.

From engineering technology to production management methods, most of the know-how that has enabled Japan to become what it is today has emanated from this “*adoption and adaptation*” process, which, of course, has been accompanied by countless failures and errors behind the success stories. We presume that such experiences, both successful and unsuccessful, will be useful to our partners who are trying to address the challenges currently faced by developing countries.

However, it is rather challenging to share with our partners this whole body of Japan’s developmental experience. This difficulty has to do, in part, with the challenge of explaining a body of “tacit knowledge,” a type of knowledge that cannot fully be expressed in words or numbers. Adding to this difficulty are the social and cultural systems of Japan that vastly differ from those of other Western industrialized countries, and hence still remain unfamiliar to many partner countries. Simply stated, coming to Japan might be one way of overcoming such a cultural gap.

JICA, therefore, would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with the Japanese people, and witness the advantages as well as the disadvantages of Japanese systems, so that integration of their findings might help them reach their developmental objectives.



CORRESPONDENCE

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