



TRAINING AND DIALOGUE PROGRAMS

GENERAL INFORMATION ON
THE GROUP TRAINING COURSE
IRRIGATION AND DRAINAGE FOR WATERSHED MANAGEMENT

集団研修「かんがい排水による流域水管理」

JFY 2010

<Type: Trainers Training Program / 類型:人材育成普及型>

NO. J1000799 / ID. 1080923

From December 2010 to September 2011

Core Phase in Japan: From February. 13, 2011 to August. 27, 2011

This information pertains to one of the Training and Dialogue Programs 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

The Japanese Government extends official development assistance (ODA) to developing countries to support self-help efforts that will lead to economic progress and a better life for the citizens of those countries.

Since its foundation in 1974, the Japan International Cooperation Agency (JICA) has implemented Japan's technical cooperation under the ODA program.

Currently, JICA conducts such activities as training, dispatch of experts, provision of equipment, project-type technical cooperation, development study, dispatch of cooperation volunteers (JOCV), survey and administration of capital grant aid programs.

The training program for overseas participants is one of JICA's fundamental technical cooperation activities for developing countries. Participants come from overseas in order to obtain knowledge and technology in a wide variety of fields.

For what?

This program aims to contribute to the development of human resources who will promote the advancement of developing countries, and to contribute to the promotion of mutual understanding and friendship

For whom?

Understanding the above, this training course, Irrigation and Drainage for Watershed Management, is designed to capacitate irrigation and drainage engineers who are engaged in watershed management. Their fundamental engineering knowledge is vital for any scheme concerned. On the other hand, environment, sustainability and participation have become key issues in any development. As a result, these factors must be well harmonized to execute expected projects nowadays.

How?

Participants shall have opportunities in Japan to acquire practical engineering knowledge and technology in the field of agricultural environment development through systematically arranged course contents consisting of lectures, experiments, and visits / study tours, based on those key issues. It is, moreover, expected that the participants should be make their own Instructional Material for Extension Seminar for their works at the end of the course.

II. Description

1. Title (J-No.): Irrigation and Drainage for Watershed Management (J1000799)

2. Period of program

Duration of whole program: December 2010 to September 2011

Preliminary Phase: December 2010 to January 2011

(in a participant's home country)

Core Phase in Japan: February 13 to August 27, 2011

Finalization Phase: August 28, 2011 to September 30, 2011

(in a participant's home country)

3. Target Regions or Countries

Afghanistan, Argentina, Armenia, Cambodia, Central Africa, Egypt, Ethiopia, Malawi, Syria and Tanzania

4. Eligible / Target Organization

Central/Local government or equivalent affiliated organization responsible for irrigation and drainage projects

5. Total Number of Participants

10 participants

6. Language to be used in this program: English

7. Program Objective:

Extension seminars about knowledge and technology of irrigation and drainage are held by participants in their belonging organizations.

8. Overall Goal

Irrigation and drainage projects based on proper knowledge and technology are conducted in responsible areas of participants' belonging organizations.

9. Expected Module Output and Contents:

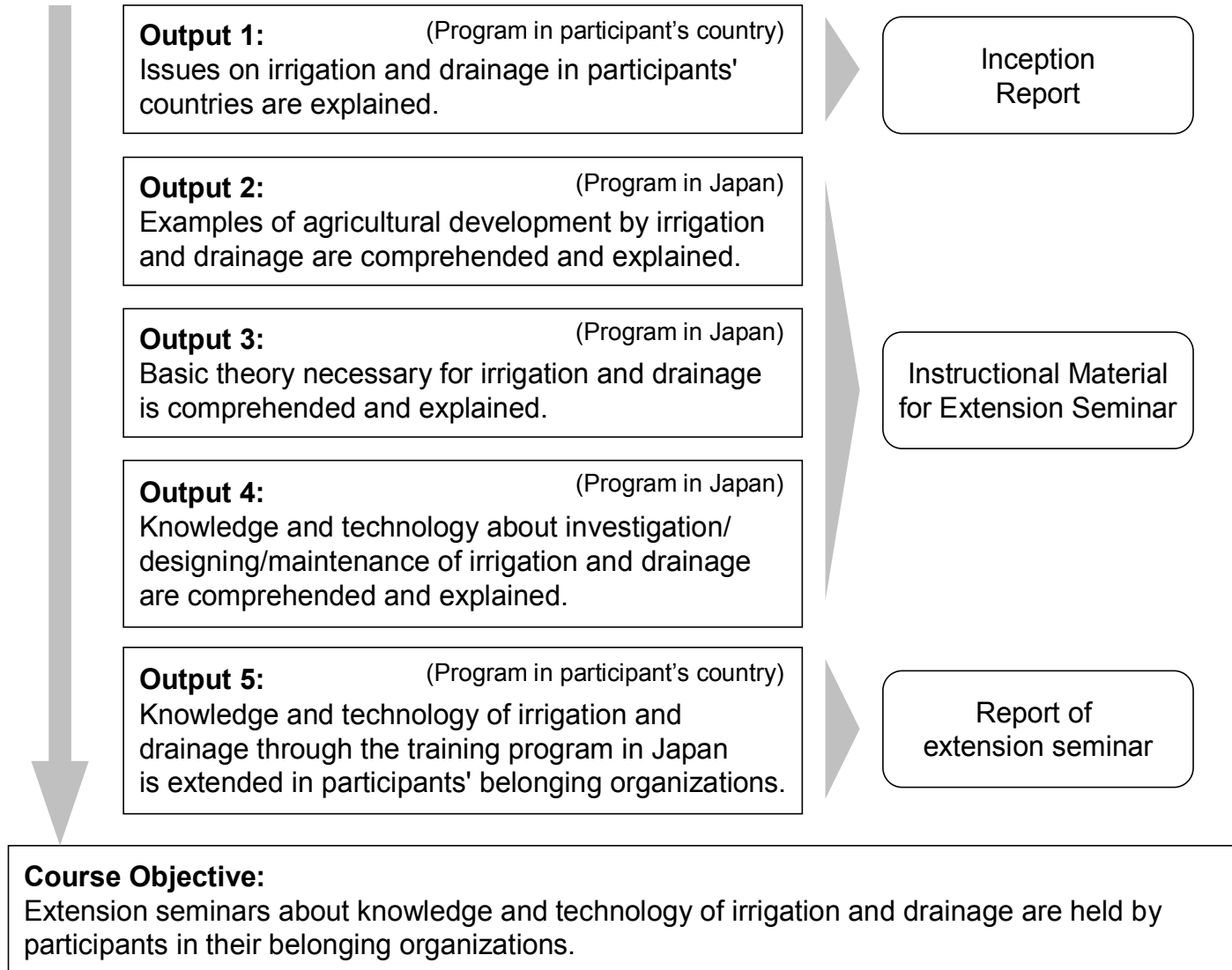
This program consists of the following components. Details on each component are given below:

(1) Preliminary Phase in a participant's home country (December 2010 to January, 2011) <i>Participating organizations make required preparation for the Program in the respective country.</i>	
Expected Module Output	Activities
Issues on irrigation and drainage in participants' countries are explained.	Inception reports on issues in responsible areas of participants' belonging organizations are compiled through the advanced program.

(2) Core Phase in Japan (February 13, 2011 to August 27, 2011) <i>Participants dispatched by the organizations attend the Program implemented in Japan.</i>		
Expected Module Output	Subjects/Agendas	Methodology
Examples of agricultural development by irrigation and drainage are comprehended and explained.	Lecture/Exercise/Observation about agricultural development in Japan are conducted. The poster session of agricultural development by irrigation and drainage in each country of participants is conducted.	Lecture Observation and Exercise
Basic theory necessary for irrigation and drainage is comprehended and explained.	Lecture/Exercise on basic theory of irrigation and drainage are conducted. Examination for the basic theory is conducted, and certain scores are gained by participants.	Lecture and Exercise
Knowledge and technology about investigation/designing /maintenance of irrigation and drainage are comprehended and explained	Lecture/Exercise/Observation about investigation/designing/maintenance of irrigation and drainage are conducted. Examination for these knowledge and technology is conducted, and certain scores are gained by participants.	Lecture, Observation and Exercise
Material for the extension seminar is developed and presented as the outcome of Core Phase in Japan.	Lecture/Exercise/Workshop for making the material for the extension seminars are conducted, and presentation session for their extension plans are also conducted.	Lecture, Exercise and Workshop

(3)Finalization Phase in a participant's home country (September, 2011) <i>Participating organizations produce final outputs by making use of results brought back by participants. This phase marks the end of the Program.</i>	
Expected Module Output	Activities
Knowledge and technology of irrigation and drainage through the training program in Japan is extended in participants' belonging organizations.	Extension seminars about knowledge and technology of irrigation and drainage are held in participants' belonging organizations. Reports of extension seminars are submitted by September 30, 2011 through respective JICA overseas offices

Irrigation and Drainage for Watershed Management



III. Conditions and Procedures for Application

1. Expectations for the Participating Organizations:

- (1) This program is designed primarily for organizations intend to address specific issues or problems identified in their routine operations. The organizations are expected to use the program 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, 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 action plan made in the Finalization Phase described in section II -9.

2. Nominee Qualifications:

Applying Organizations are expected to select nominees with the following qualifications.

(1) Essential Qualifications

- 1) Current duties: be engaged in watershed management as the irrigation and drainage engineers in central/local government or equivalent affiliated organization
- 2) Experience in the relevant field: should have more than 3 years' experience
- 3) Educational background: be a graduate of university or have an equivalent academic background; not for PhD holders
- 4) Language: be proficient in reading, speaking and writing English. Past experience shows that many participants are unable to make progress in their training because of inadequate knowledge of English
- 5) Obligation: should have an Extension seminars about knowledge and technology of irrigation and drainage within one month after return to their home country and submit the report on the seminar to JICA
- 6) Health: must be in good health, both physically and mentally, to participate in the Program in Japan.
※Pregnancy : Pregnant participants are strictly requested to complete the required procedures before departure in order to minimize the risk for their health. The procedures include ①letter of the participant's consent to bear economic and physical risks ②letter of consent from the participant's supervisor ③letter of consent from your Embassy in Japan, ④medical certificate. Please ask National Staffs in JICA office for the details.
- 7) Must not be serving any form of military service.

(2) Recommendable Qualifications

Age: be between the ages of twenty-five (25) and forty (40) years

3. Required Documents for Application

- (1) Application Form:** The Application Form is available at the respective country's JICA office or the Embassy of Japan.
- (2) Inception Report:** To be prepared in accordance with the format (see ANNEX I). It should be typewritten in English and submitted together with the Application Form. The Inception Report is used only for screening applicants and as training material.
- (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), please attach it (or a copy) to the application form.

4. Procedure for Application and Selection:

(1) Submitting the Application Documents:

Closing date for application to the JICA Center in JAPAN: **December 10th, 2010**

Note: Please confirm the closing date set by the respective country's JICA office or Embassy of Japan of your country to meet the final date in Japan.

(2) Selection:

After receiving the document(s) through due administrative procedures in the respective governments, the respective country's JICA office (or Japanese Embassy) shall conduct screenings, and send the documents to the JICA Center in charge in Japan, which organizes this project. Selection shall be made by the JICA Center in consultation with the organizations concerned in Japan based on the submitted documents according to qualifications. *The organizations with determination to utilize the opportunity of this program will be given prominence in the selection.*

(3) Notice of Acceptance

Notification of results shall be made by the respective country's JICA office (or Embassy of Japan) to the respective Government by **not later than January 7th, 2011.**

5. Conditions for Attendance:

- (1)** to follow strictly the schedule of the program,
- (2)** not to change the program subjects or extend the period of stay in Japan,
- (3)** not to bring any members of their family,
- (4)** to return to their home countries at the end of the program in Japan according to the travel schedule designated by JICA,
- (5)** to refrain from engaging in political activities, or any form of employment for profit or gain,

- (6) to observe the rules and regulations of their place of accommodation and not to change the accommodation designated by JICA, and
- (7) to participate the whole program including a preparatory phase prior to the program in Japan. The applying organizations, after receiving notice of acceptance for their nominees, are expected to carry out the actions described in section II -9.

IV. Administrative Arrangements

1. Organizer:

(1) **Name:** JICA Tsukuba

(2) **Contact:** Mr. Toru SAITO (tbictp@jica.go.jp)

2. Implementing Partner:

Under Selection

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:** Term of Insurance: From arrival to departure in Japan. The traveling time outside Japan shall not be covered.

4. Accommodation in Japan:

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

JICA Tsukuba International Center (JICA TSUKUBA)

Address: 3-6, Koyadai, Tsukuba, 305-0074, Japan

TEL: 81-29-838-1111 FAX: 81-29-838-1119

(where "81" is the country code for Japan, and "29" is the local area code)

If there is no vacancy at JICA TSUKUBA, 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, 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 p. 9-16 of the brochure for participants titled "KENSHU-IN GUIDE BOOK," which will be given to the selected participants before (or at the time of) the pre-departure orientation.

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 training program, and other matters.

V. Other Information

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

VI. ANNEX

ANNEX I: Form of Inception Report (should be submitted with the Application Form)

Inception Report

for
the Group Training Course on Irrigation and Drainage for Watershed Management

1. Basic Information

Name	
Organization	
Position	

2. Explain your job experiences in Irrigation and Drainage for watershed management.

Period	Organization	Position
From to		
Outline of duties:		
Period	Organization	Position
From to		
Outline of duties:		
Period	Organization	Position
From to		
Outline of duties:		

3. Analyze difficulties and give the reasons (technical and organizational) in the field of watershed management in your responsible region.

3.1 Technical aspects

No	Difficulties	Reasons
1		<ul style="list-style-type: none">••••
2		<ul style="list-style-type: none">••••
3		<ul style="list-style-type: none">••••

3.2 Organizational aspects

No	Difficulties	Reasons
1		<ul style="list-style-type: none">••••
2		<ul style="list-style-type: none">••••
3		<ul style="list-style-type: none">••••

4. Analyze matters that should be improved in your organization and give the reasons in order to improve watershed management in a better way.

No	Matters should be improved	Reasons
1	
2	
3	

5. Explain briefly your expectation from this training course, mentioning which techniques and knowledge you would like to improve or gain with their reasons.

6. Explain briefly your idea for the extension seminar to apply expected results of the training program in order to improve watershed management after returning to your country.

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

For enquiries and further information, please contact the JICA office or the Embassy of Japan. Further, address correspondence to:

JICA Tsukuba International Center (JICA TSUKUBA)

Address: 3-6, Koyadai, Tsukuba, 305-0074, Japan

TEL: 81-29-838-1111 FAX: 81-29-838-1119