



Knowledge Co-Creation Program (Group & Region Focus)

GENERAL INFORMATION ON

ADAPTATION TO CLIMATE CHANGE

課題別研修「気候変動への適応」

JFY 2017

NO. J17-04020 / ID. 1784816

Course Period in Japan: From October 15th, 2017 to November 11th, 2017

This information pertains to one of the JICA Knowledge Co-Creation Program (Group & Region Focus) 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.

'JICA Knowledge Co-Creation Program (KCCP)' as a New Start

In the Development Cooperation Charter which was released from the Japanese Cabinet on February 2015, it is clearly pointed out that *"In its development cooperation, Japan has maintained the spirit of jointly creating things that suit partner countries while respecting ownership, intentions and intrinsic characteristics of the country concerned based on a field-oriented approach through dialogue and collaboration. It has also maintained the approach of building reciprocal relationships with developing countries in which both sides learn from each other and grow and develop together."* We believe that this 'Knowledge Co-Creation Program' will serve as a center of mutual learning process.

I. Concept

Background

Climate Change and its effects have already become obvious all over the world and the importance of measures on adaptation to Climate Change is mentioned at the United Nations Climate Change Conference. Especially in developing countries, it is urgent and vital task to consider adaptation measures based on regional and sectoral impact assessments and vulnerability assessments of respective countries.

The Paris agreement, which came into effect in November 2016, established the global goal on adaptation to enhance adaptive capacity, strengthen resilience, and reduce vulnerability to climate change. Considering this new international framework and global goal, JICA has set climate policy and institutional development in developing countries as one of primary issues on Climate Change Cooperation Strategy. This Knowledge Co-Creation Program aims to support for policy and institutional improvement in respective countries.

For what?

This program aims to consider and to elaborate Action Plan on strengthening of the policy-making/implementation system of adaptation to Climate Change based on impact assessment and vulnerability assessment in participants' respective organizations.

For whom?

This program is offered to an officer in charge of planning and implementation of adaptation to Climate Change in national or local governmental office. (Preferably be an officer in national focal point of UNFCCC, who is in charge of coordination of adaptation issues in respective countries, or an officer in charge of policy making on adaptation to Climate Change)

How?

Participants shall have opportunities in Japan to learn and identify approaches and strategies to strengthen their adaptive capacity for achieving sustainable development in respective countries especially focusing on international framework and policy making. Participants formulate Action Plan describing what participants will do after they go back to their home countries with putting the knowledge and ideas acquired and discussed in Japan.

II. Description

- 1. Title (J-No.): Adaptation to Climate Change (J17-04020)**
- 2. Course Period in JAPAN**
Duration of whole program: September to November, 2017
Preliminary Phase: September to October, 2017
Core Phase in Japan: October 15 to November 11, 2017
- 3. Target Regions or Countries**
Fiji, India, Indonesia, Iran, Macedonia, Micronesia, Mongolia, Montenegro, Pakistan, Papua New Guinea, Peru, Sudan, Thailand, Vietnam , and Zimbabwe
- 4. Eligible / Target Organization**
This program is designed for a national or local governmental office which is in charge of policy making and implementation of adaptation to Climate Change in respective countries.
- 5. Course Capacity (Upper limit of Participants)**
15 participants
- 6. Language to be used in this program:** English
- 7. Course Objective:**
The program aims to strengthen participant's own capabilities to make draft plans to formulate or improve policies/measures on adaptation to climate change in participants' organizations.
- 8. Overall Goal**
The policies/measures on adaptation to Climate Change including regional and sectoral strategy will be settled on or improved in participants' countries.

9. Expected Module Output and Contents:

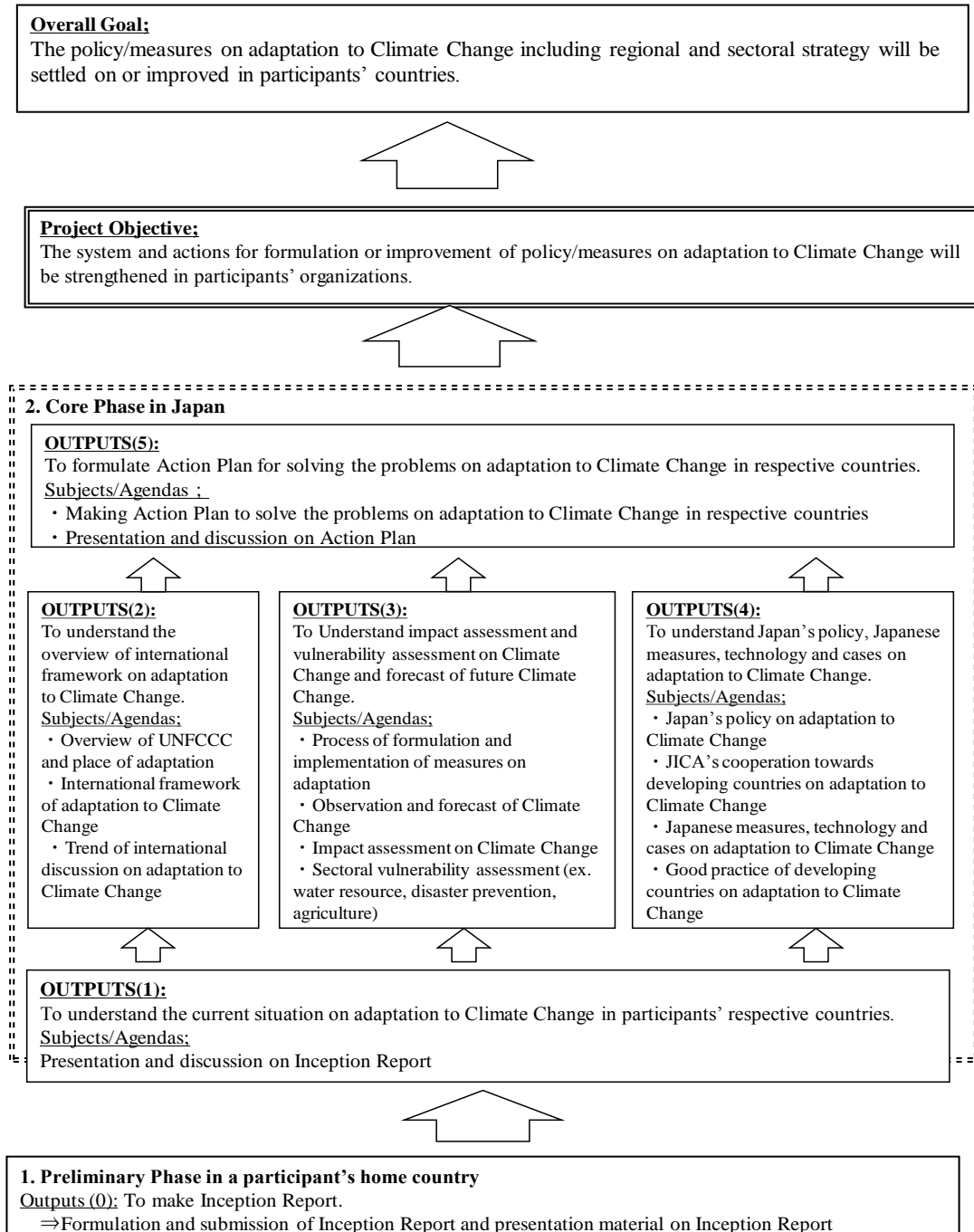
This program consists of the following components.

Details on each component are given below;

(1) Preliminary Phase in a participant's home country (September 2017 to October 2017) <i>Participating organizations make required preparation for the Program in the respective country.</i>	
Expected Module Output	Activities
To make Inception Report.	Formulation and submission of Inception Report and presentation material on Inception Report

(2) Core Phase in Japan (October 15 to November 11, 2017) <i>Participants dispatched by the organizations attend the Program implemented in Japan.</i>		
Expected Module Output	Subjects/Agendas	Methodology
(1) To understand the current situation on adaptation to Climate Change in participants' respective countries.	<ul style="list-style-type: none"> ● Presentation and discussion on Inception Report 	Presentation and Discussion
(2) To understand the overview of international framework on adaptation to Climate Change.	<ul style="list-style-type: none"> ● Overview of UNFCCC and place of adaptation ● International framework of adaptation to Climate Change ● Trend of international discussion on adaptation to Climate Change 	Lecture and Discussion
(3) To Understand impact assessment and vulnerability assessment on Climate Change and forecast of future Climate Change.	<ul style="list-style-type: none"> ● Process of formulation and implementation of measures on adaptation ● Observation and forecast of Climate Change ● Impact assessment on Climate Change ● Sectoral vulnerability assessment (ex. water resource, disaster prevention, agriculture) 	Lecture, Observation, Exercise, and Site Visit
(4) To understand Japan's policy, Japanese measures, technology and cases on adaptation to Climate Change.	<ul style="list-style-type: none"> ● Japan's policy on adaptation to Climate Change ● JICA's cooperation towards developing countries on adaptation to Climate Change ● Japanese measures, technology and cases on adaptation to Climate Change ● Good practice of developing countries on adaptation to Climate Change 	Lecture and Site Visit
(5) To formulate Action Plan for solving the problems on adaptation to Climate Change in respective countries.	<ul style="list-style-type: none"> ● Making Action Plan to solve the problems on adaptation to Climate Change in respective countries ● Presentation and discussion on Action Plan 	Lecture, Workshop, Consultation, Presentation and Discussion

【Structure of the Program】



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, 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 an officer in charge of planning and implementation of adaptation to Climate Change in national or local governmental office.
(Preferably be an officer in national focal point of UNFCCC, who is in charge of coordination of adaptation issues in respective countries, or an officer in charge of policy making on adaptation to Climate Change)
- 2) Experience in the relevant field: have more than 3 years' experience.
- 3) Educational Background: be university graduates or have an equivalent academic background.
- 4) Language: have a competent command of spoken and written English which is equal to TOEFL CBT 173 or more (This training program includes active participation in discussions and development of Action Plan, thus requires high competence of English ability both in conversation and composition. Please attach an official certificate for English ability such as TOEFL, TOEIC etc, if possible)
- 5) Computer skill: be proficient in MS Word, Excel and Power Point.
- 6) Health: must be in good health, both physically and mentally, to participate in the Program in Japan. Pregnant applicants are not recommended to apply due to the potential risk of health and life issues of mother and fetus.

(2) Recommendable Qualifications

- 1) Expectations for the Participants:
- 2) Age: between the ages of twenty-five (25) and fifty (50) years

3. Required Documents for Application

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

(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) , please attach it (or a copy) to the application form.

(4) Inception Report: Applicants should prepare Inception Report according to ANNEX and submit it with the Application Form. The Application Form without the proposals will be rejected.

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 **July 31, 2017**)

(2) Selection:

After receiving the document(s) through due administrative procedures in the respective government, the respective countries' JICA office (or Japanese Embassy) shall conduct screenings, and send the documents to JICA Center in charge in Japan, which organizes this project. Selection shall be made by JICA Center in consultation with the organizations concerned in Japan based on submitted documents according to qualifications.

The organization with intention to utilize the opportunity of this program will be highly valued in the selection. Qualifications of applicants who belong to the military or other military-related organizations and/or who are enlisted in the military will be examined by the Government of Japan on a case-by-case basis, consistent with the Development Cooperation Charter of Japan, taking into consideration their duties, positions in the organization, and other relevant information in a comprehensive manner.

(3) Notice of Acceptance

Notification of results will be made by the JICA office (or the Embassy of Japan) **not later than September 5, 2017**.

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

Before coming to Japan, only accepted participants are required to prepare the following materials;

Presentation material on Inception Report:

Participants will be requested to make a presentation (within 20 minutes) and discuss on their Inception Report in group discussion session at the beginning of the training program. Only accepted participants are requested to improve the contents of Inception Report. And they are requested to submit the presentation material not later than **September 29, 2017**, preferably by e-mail to the respective country's JICA Office and JICA Tsukuba (tbictp@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 Tsukuba

(2) **Contact:** Mr. SAITO Hisanobu (tbicttp@jica.go.jp)

2. Implementing Partner:

Under planning

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:

JICA Tsukuba International Center (JICA TSUKUBA)

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

TEL: +81-29-838-1111, FAX: +81-29-838-1776

(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. Please refer to facility guide of TBIC at its URL, http://www.jica.go.jp/english/contact/domestic/pdf/tsukuba_facility.pdf

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. Computer:

Participants are recommended to bring own laptops to prepare Action Plan.

2. Latest Data for Adaptation to Climate Change issue your country:

Participants are recommended to bring the latest relevant data concerning Climate Change of your country in your laptop for discussion and preparation of Action Plan.

3. Clothes and belongings:

Participants have lots of opportunities to get on the trains and buses to visit relevant organizations in Japan, so please bring some clothes which are comfortable to walk as well as small bags to carry with you.

4. Weather condition in Tsukuba city (Data: Japan Meteorological Agency)

	October
Temperature:	15.6°C(20.7-10.8)
Humidity:	80%
Precipitation:	138.0mm

END

VI. ANNEX:

List of ANNEX

ANNEX I: Inception Report

ANNEX II: Sample Schedule (JFY 2016)

ANNEX I: Inception Report

(To be submitted with the Application Form)

All of the applicants are required to prepare Inception Report on the following issues and submit it to JICA as an attachment of application by **July 31, 2017**. Inception Report should be typewritten in English on A4 size paper (21 cm x 29.5 cm) in single spacing at maximum of 10 pages.

【Cover】

**Inception Report
JICA Group Training Course on
“Adaptation to Climate Change”**

Name: _____

Country: _____

Organization: _____

Position: _____

【Contents】

Inception Report

< Main Body >

1. General information on your country:

(General information related to adaptation to Climate Change is requested, e.g. geographical status of your country, weather conditions, social and economic conditions, population, emission of greenhouse gases, most vulnerable sectors to Climate Change, with particular attention to energy consumption pattern, industrial structure and forest status.)

2. Name of the organization and organization chart:

- Brief description of your organization
- Role of your organization to cope with Climate Change, including activities relevant to the United Nations Framework Convention on Climate Change (UNFCCC).
- Your position and duty in your organization
- Brief description of your working experience

3. Existing laws and regulations relevant to Climate Change:

(e.g. Natural Environment Preservation Law, Energy Conservation Law, specific law to cope with Climate Change)

* Please describe the current situation of existing laws and regulations relevant to Climate Change as well as listing them.

4. Current situation on adaptation to Climate Change in your country:

- Essential points of national policies and plan on adaptation as described in the National Communication to the UNFCCC as well as the National Adaptation Programs of Action (NAPA). Please include key points of NAPA, if your country has already made it.
- Major results of vulnerability assessment and predicted Climate Change impacts in your country.
- Responsible organizations on adaptation and their capacity.
(e.g. observation, impact and vulnerable assessment, policymaking and implementation.)
- Planned and implemented concrete activities on adaptation taken in your country.
- International cooperation from donor agencies in the field of adaptation.
- Barriers and challenges (what are most needed to implement adaptation appropriately?)

5. Find out major constraints (institutional, technical, financial or legislative) on coping with adaptation to Climate Change and analyze them.

6. Possible and feasible measures to be taken to overcome above-mentioned constraints.

➤ **Remarks:**

Only accepted applicants are required to prepare the presentation material of Inception Report based on the one submitted with the Application Form. The deadline is **September 29, 2017**.

The presentation material should be made by **PowerPoint at maximum of 20 slides**. Participants are requested to make a presentation of Inception Report within 20 minutes per person at the beginning of the training course in Japan.

ANNEX II: Sample Schedule (JFY 2016)

Training Program for “Adaptation to Climate Change”(Sep.19-Oct.15, 2016)

Date	Time	Form	Subject	Lecturer	Institute	Place	Accommodation
19-Sep	~		Arrival				
20-Sep	10:00 ~ 12:30		Briefing Session		JICA Tokyo	JICA Tokyo	JICA Tokyo
	13:30 ~ 15:00		Course Orientation / Guidance of Action Plan		JICA Tsukuba, IDI	JICA Tokyo 402	
21-Sep	9:30 ~ 12:00	Presen	Inception Report Presentation		JICA, IDI	JICA Tokyo 409	
	13:30 ~ 16:30	Presen	Q & A				
22-Sep							
23-Sep	10:00 ~ 11:45	Lec	Adaptation Countermeasures of water rela	Shibayama	MLIT	JICA Tokyo 405	
	13:00 ~ 16:00	W-Shop	Method of formulating Action Plan (PCM:Planning and Designing)	Noji, Shimoyama	ICNet		
24-Sep							
25-Sep							
26-Sep	9:00 ~ 10:30	Lec	Introduction of Adaptation Plans to Climate Change	Kumamaru	Ministry of Environment	JICA Ichigaya 202AB	Leaf Court
	10:40 ~ 12:10	Lec	Introduction of Adaptation Plans to Climate Change	Hashimoto	Ditto		
	14:00 ~ 17:00	Lec	Adaptation measures of private companies in Japan		private companies		
27-Sep	9:00 ~ 12:00	Lec	Water resources impact and adaptations on global warming	Prof. Kazaka	Tohoku Univ.	IDI (6F)	
	13:00 ~ 16:00	W-Shop	Method of formulating Action Plan (PCM:Planning and Designing)	Noji, Shimoyama	ICNet	IDI (8F)	
	16:10 ~ 16:40		Review		IDI		
28-Sep	14:00 ~ 15:30	Lec	Water-saving City, Fukuoka	Watanabe Kitajima	Fukuoka City	Fukuoka Waterworks Bureau	Route-Inn Hakata
	15:30 ~ 16:30	Visit	Water Management Center of Fukuoka City	Watanabe Kitajima	Fukuoka City		
29-Sep	~		Move				
	9:30 ~ 11:30	Visit	Reclaimed Water in Fukuoka City	Hamada, Yanaga	Fukuoka City		
	~		Move				
	13:30 ~ 14:30	Visit	Sea Water Desalination Center		Fukuoka District Waterworks Agency	Mamizupia	
	15:30 ~ 18:00	Visit	Dazaifu Tenmangu Shrine, etc.		Japanese culture		
30-Sep	~		Move				
	9:30 ~ 11:30	Lec	Climate change protection policy of Kitakyushu city (tentative)	Okamoto	Kitakyushu City	City Office	
	11:30 ~ 13:30		Lunch				
	13:30 ~ 15:00	Visit	Climate change protection policy of Kitakyushu city (tentative)			Kitakyushu city	
	15:00 ~ 15:30		Move				
1-Oct	9:00 ~ 12:00	Visit	Sightseeing in Kyoto Kinkakuji temple (Golden Pavilion) Kimono Center			Kyoto City	
			Move from Kyoto to Tsukuba				
2-Oct							
3-Oct	~		Move				JICA Tsukuba
	9:30 ~ 11:00	Lec	Cooperation and Cases of Approach toward Climate Change by JICA	Sato	JICA	IDI 6F	
			Move-lunch-Watarase				
	13:30 ~ 14:30	Lec	Watarase Retarding Basin	Washida	Upper Tone River Office	Watarase Retarding Basin	
15:30 ~ 16:30	Visit	Watarase Retarding Basin	Washida	Upper Tone River Office	Watarase		
4-Oct			Move from Watarase to Tsukuba				
	9:30 ~ 9:45		Courtesy visit to Director General TBIC	Haga	Director General	L2 (3F)	
	10:00 ~ 12:00	Visit	Adaptation measures on agriculture sector		NARO	NARO	
	13:30 ~ 16:00	Lec	(Lunch @ TBIC)				
16:30 ~ 17:30	Lec	Review / GFAS		IDI	L6		
5-Oct	9:30 ~ 12:00	Lec	Monitoring of Climate Change	Machida	NIES	L6	
			Move from TBIC to MRI				
	13:30 ~ 16:30	Lec	Climate Model and Earth Simulator/ Observation and Forecast of Climate Change	Endo Mizuta Murata	MRI	MRI	
			Move from MRI to TBIC				

6-Oct			Move					Mt. Fuji Garden
	9:30 ~ 11:00	Lec	World trend on CC and Japan's challenge	Ueki	MOFA		IDI 6F	
	11:00 ~ 14:00		Move					
	14:00 ~ 15:30	Lec	Monitoring Site 1000	Tanaka Mogami Yamaki	Biodiversity Center, MOE		Fujinomiya City	
			Move					JICA Tsukuba
7-Oct			Move					
	11:00 ~ 11:30	Visit	Coastal protection at Seisho coast	Chiku			Odawara City	
	13:30 ~ 14:30	Lec	Adaptation Countermeasures on coastal area	Chiku	Keihin Branch Work Office		Ninomiya Town	
	14:40 ~ 15:40	Visit	Coastal protection at Seisho coast (walk)	Chiku			Coast	
			Move					
8-Oct	~							
9-Oct	~							
10-Oct	~							
11-Oct			Move					
	9:30 ~ 11:00	Visit	LCCM (Life Cycle Carbon Minus) Houses	Kuwazawa	BRI		Building Research Institute	
			Move					
	14:00 ~ 14:30	Visit	JAXA tour		IDI			
	15:00 ~ 16:30	Lec	Rainfall observation from space	Kubota	JAXA		JAXA	
			Move					
12-Oct			Move					
	9:00 ~ 10:30	Lec	Lecture of NILIM	Fukami	国総研		NILIM	
	10:40 ~ 12:10	Lec	Local disaster management plan and evacuation plan, Flood Forecasting and	Tokunaga	ICHARM			
			Move					
	13:30 ~ 16:30	W-shop	Preparation for Action Plan	Noji, Shimoyama	ICNet		L1	
13-Oct	10:00 ~ 12:00	Presen	Presentation for Action Plan		JICA, IDI		L1	
	13:30 ~ 16:30	Presen						
14-Oct	10:00 ~ 11:30		Evaluation Meeting		JICA Tsukuba, IDI		L1	
	12:00 ~ 12:30		Closing Ceremony				Ceremony Room	
	12:30 ~ 13:15		Farewel Lunch Party					
15-Oct			Return					

The program will be revised in response to the result of the training course in 2016.

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 and 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, Ibaraki 305-0074, Japan
TEL: +81-29-838-1111 FAX: +81-29-838-1790