



# TRAINING AND DIALOGUE PROGRAMS

**GENERAL INFORMATION  
ON  
ADAPTATION FOR CLIMATE CHANGE  
集団研修「気候変動への適応」  
JFY 2009**

**<Type: Solution Creation / 類型: 課題解決促進型>**

**No. J09-00908 / ID. 0980066**

**From August, 2009 to April, 2010**

**Phrases in Japan: September 24, 2009 to October 24, 2009**

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**

Climate change and its effects have already become obvious all over the world. The Intergovernmental Panel on Climate Change (IPCC) states in their Summary for Policy Makers (SPM) of the Fourth Assessment Report (AR4) that the “warming of the climate system is unequivocal, as is now evident from observations of increases in global average air and ocean temperatures, widespread melting of snow and ice, and rising global average sea level”. Climate change has been affecting the climate system of cryosphere, as well as mountain glaciers and ecosystems of the land and sea.

Mitigation measures, namely reduction in emissions and enhancement of the removals of greenhouse gases, are now urgently required to address Climate Change. However, even if various efforts for mitigation are quickly promoted, it will take some time before the effects of such efforts are realized in the global climate system. During this time, the impact of Climate Change upon the globe is inevitable. Therefore, “adaptation measures” for responding to these unavoidable impacts are critical.

In order to minimize the negative impacts of Climate Change against human society, it is more effective to promote well planned adaptation measures in advance rather than responding to actual impacts when they occur.

This training program aims to strengthen the adaptive capacity to Climate Change of participants’ respective countries.

## **For what?**

This program aims to consider and to elaborate Action Plan 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 who is in charge of planning and implementation of adaptation to Climate Change in national (or local) governmental office.

## **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. 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 for Climate Change (J09-00908)

**2. Period of program:**

Duration of whole program	August, 2009 to April, 2010
(1) Preliminary Phase: (in a participant's home country)	August, 2009 to September, 2009
(2) Core Phase in Japan:	September 24, 2009 to October 24, 2009
(3) Finalization Phase: (in a participant's home country)	October 2009 to April 2010

**3. Target Regions or Countries:**

Argentina, Iran(2) Ecuador, Jamaica, Sri Lanka, Republic of Seychelles, Serbia(2), Tanzania, Chile(2), Tonga, Nigeria, Fiji, Bolivia, Marshall, the Republic of South Africa, Mexico, and Morocco

**4. Eligible / Target Organization:**

This program is designed for a national (or local) governmental office which is involved in adaptation to Climate Change.

**5. Total Number of Participants:**

Twenty (20) participants from Argentina, Iran(2) Ecuador, Jamaica, Sri Lanka, Republic of Seychelles, Serbia(2), Tanzania, Chile(2), Tonga, Nigeria, Fiji, Bolivia, Marshall, the Republic of South Africa, Mexico, and Morocco in total are expected to participate in this training program.

**6. Language to be used in this program:**

English

**7. Program Objective:**

This program aims to consider and to elaborate Action Plan of adaptation to Climate Change based on impact assessment and vulnerability assessment in participants' respective organizations.

**8. Overall Goal:**

"Adaptation Measures" will be implemented in respective countries based on the proposed Action Plan by strengthening participants' and their colleagues' adaptive capacity to Climate Change.

**9. Outputs:**

Participants are expected to achieve the following outputs;

- (1) To understand the current situation on adaptation to Climate Change in respective countries.
- (2) To understand the overview and international framework on adaptation to Climate Change.
- (3) To understand the factors for adaptive capacity, impact assessment and vulnerability assessment on Climate Change, as well as understanding Japanese measures, technology, cases on adaptation to Climate Change, and the way of cooperation for developing countries.
- (4) To formulate measures to solve the problems on adaptation to Climate Change in respective countries.

**10. Expected Module Contents:**

This program consists of the following components.

Details on each component are given below;

<b>(1) Preliminary Phase in a participant’s home country;</b> <i>(August, 2009 to September, 2009)</i> <i>Participating organizations make required preparation for the Program in the respective country.</i>	
Outputs	Activities
To make an Inception Report.	Formulation and submission of Inception Report and presentation material on Inception Report which contains the present status on adaptation to Climate Change in each country.

<b>(2) Core Phase in Japan;</b> <i>(September 24, 2009 to October 24, 2009)</i> <i>Participants dispatched by the organizations attend the Program implemented in Japan.</i>		
Outputs	Subjects/Agendas	Methodology
To understand the current situation on adaptation to Climate Change in respective countries.	Presentation and discussion on Inception Report.	Presentation and Discussion
To understand the overview and international framework on adaptation to Climate Change.	Overview of UNFCCC and place of adaptation, Trend of international discussion on adaptation,	Lecture
To understand the	Process of formulation and	Lecture and Study

<p>factors for adaptive capacity, impact assessment and vulnerability assessment on Climate Change, as well as understanding Japanese measures, technology, cases on adaptation to Climate Change, and the way of cooperation for developing countries.</p>	<p>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), Community program and citizen participation,</p>	<p>Trip</p>
<p>To formulate measures to solve the problems on adaptation to Climate Change in respective countries.</p>	<p>Making Action Plan to solve the problems on adaptation to Climate Change in respective countries. Presentation and discussion on Action Plan.</p>	<p>Lecture, Presentation and Discussion</p>

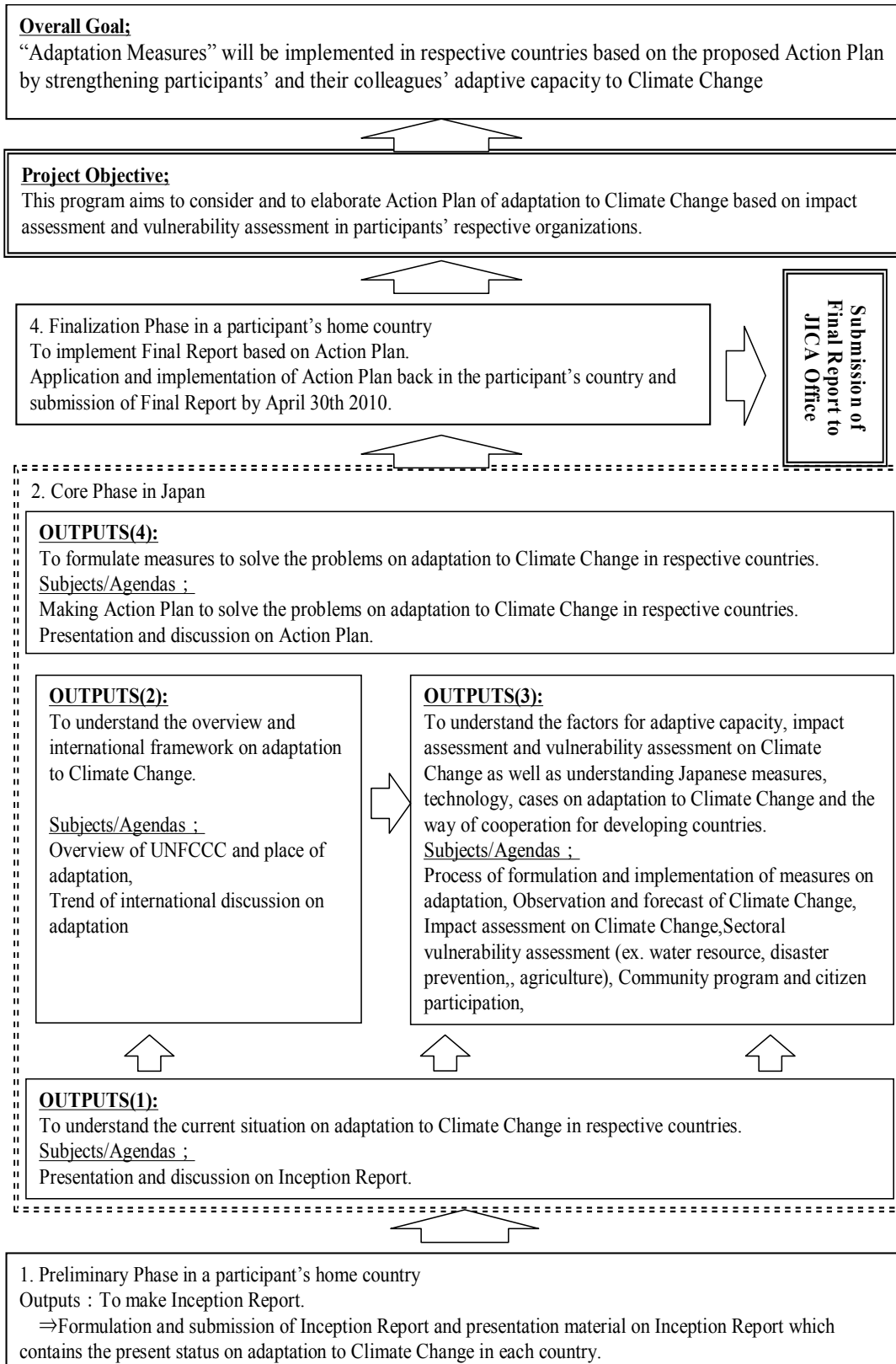
**(3)Finalization Phase in a participant's home country;**

*(October 2009 to April 2010)*

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

Outputs	Activities
<p>To implement Final Report based on Action Plan.</p>	<p>Application and implementation of Action Plan back in the participant's country and submission of Final Report by April 30th 2010.</p>

**【Structure of the Program】**



### ***III. Conditions and Procedures for Application***

#### **1. Expectations for 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-10.
- (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-10.

#### **2. Nominee Qualifications:**

Applying Organizations are expected to select nominees who meet the following 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)
- (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 the 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) Age: be between the ages of twenty-five (25) and forty-five (45) years principally.
- (7) 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 letter of the participant's consent to bear economic and physical

risks letter of permission from the participant's supervisor letter of consent from your Embassy in Japan, medical certificate. Please ask National Staffs in JICA office for the details.

(8) Must not be serving any form of military service.

### **3. Required Documents for Application:**

#### **(1) Application Form:**

Regarding the Format of Application Form, please make contact with the respective countries' JICA office.

#### **(2) 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.

#### **(3) Inception Report:**

Applicants should prepare Inception Report according to *ANNEX-II* and submit it with the Application Form. The Application Form without the proposals will be rejected.

### **4. Procedure for Application and Selection:**

#### **(1) Submitting the Application Documents:**

Closing date for application to the JICA Center in JAPAN: **July 31, 2009**.

**Note: Please confirm the closing date set by the respective countries' 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 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.*

#### **(3) Notice of Acceptance:**

Notification of results shall be made by the respective countries' JICA office (or Embassy of Japan) to the respective Government by **not later than August 25, 2009**.

### **5. Documents to be submitted by accepted participants:**

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 (about 20 minutes) and discuss on their Inception Report in group discussion session at the beginning of the training program. Accepted participants are requested improve their Inception Report. And they are requested to submit the presentation material not later than arriving in Japan.

**6. Conditions for Attendance:**

- (1) to observe 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. Applying organizations, after receiving notice of acceptance for their nominees, are expected to carry out the actions described in section II-10 and section III-5.

## ***IV. Administrative Arrangements***

### **1. Organizer:**

(1) Name: JICA Tsukuba

### **2. 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.

### **3. 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: +81-29-838-1790

(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.

### **4. 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.

### **5. 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:**

The participants are recommended to bring own laptop/notebook computers to prepare the Action Plan, presentation slides and to communicate by e-mail.

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

The participants are recommended to bring the relevant data concerning Climate Change of your country in your laptop/notebook computers for preparing presentation slides of the Action Plan.

END

***ANNEX-I: Training Curriculum***

***ANNEX-II: Inception Report***

## VI. ANNEX- I:

### Training Curriculum

Output 1: To understand the current situation on adaptation to Climate Change in respective countries.
<ul style="list-style-type: none"><li>• Presentation on Inception Report</li><li>• Discussion on Inception Report</li></ul>
Output 2: To understand the overview and international framework on adaptation to Climate Change.
<ul style="list-style-type: none"><li>• Adaptation to Climate Change</li><li>• Introduction: International framework on adaptation to Climate Change</li><li>• Overview of UNFCCC and place of adaptation</li><li>• Trend of international discussion on adaptation</li><li>• Community based adaptation</li></ul>
Output 3: To understand the factors for adaptive capacity, impact assessment and vulnerability assessment on Climate Change and measures, technology, cases on adaptation to Climate Change, and the way of the cooperation for developing countries in Japan.
<ul style="list-style-type: none"><li>• Observation and forecast of Climate Change</li><li>• Impact assessment on Climate Change</li><li>• Sectoral vulnerability assessment (water resource, disaster prevention, agriculture)</li><li>• Climate model and global simulation</li><li>• Introduction:: Japan's official support schemes and JICA's cooperation policy on Climate Change</li></ul>
Output 4: To formulate measures to solve the problems on adaptation to Climate Change in respective countries
<ul style="list-style-type: none"><li>• Interview Session for Action Plan</li><li>• Action Plan Preparation</li><li>• Action Plan Presentation</li></ul>

**Note:**

- *The above information is some of the examples for you to get the image of this training course. Training curriculum may be changed.*

*Besides lectures, this course will provide opportunities for hands-on-type practices and visits. Also participants are encouraged to have discussion with Japanese experts, as well as other fellow participants in order to promote exchange of information and possible replication of useful practices.*

## **VI. ANNEX- II:**

*(To be submitted with the Application Form)*

### **Inception Report**

< Main Body >

**1. General information on your country:**

(e.g. geographical status of your country, weather conditions, social and economic conditions, population, with particular attention to energy consumption pattern, industrial structure and forest status.)

**2. Name of the organization and organization chart:**

- Role of your organization to cope with Climate Change, including Kyoto Protocol
- Your position and duty in your organization

**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 information on adaptation in National Communication. Please include key points of NAPA, if your country has already made it.
- Major Climate Change impacts to be predicted in your country.
- Policies and measures on adaptation.
- Relevant organizations on adaptation.  
(e.g. observation, impact assessment, policymaking and implementation.)
- Concrete activities on adaptation taken in your country.
- Cooperation from other donor agencies in the field of adaptation.
- Difficulties and challenges (what are most needed to implement adaptation appropriately?)

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

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

*Note;*

- *Participants are requested to prepare Inception Report on the following issues and submit it to JICA on July 31, 2009. This Inception Report will be used to screen the applicants. Application form without the completed Inception Report will be rejected.*
- *Inception Report should be at least 3 pages (A4 sized paper).*
- *Inception Report will be the base of Action Plan, so participants need to discuss the issues and topics within their respective organizations.*
- *Participants make a short presentation on Inception Report at the beginning of this training course.*

## *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 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**