



Online

JICA Program GENERAL INFORMATION

ID: 202003284-J001

Knowledge Co-Creation Program (Group and Region Focus)

GENERAL INFORMATION ON

“COMPREHENSIVE DISASTER RISK REDUCTION IN SMALL ISLANDS”

2021 年度 課題別研修 「島嶼国総合防災」

JFY 2021

Course Period (Online):

October 18th - November 12th, 2021

*In the context of the COVID-19 pandemic, please note that there is a possibility that the course period may be changed, shortened, or the course itself will be cancelled.




Course Period (Online):

November 15th - December 4th, 2021

*In the context of the COVID-19 pandemic, please note that there is a possibility that the course period in JFY2020 and JFY2021 will be changed, shortened, or the course itself will be cancelled.


NOTE: Depending on the circumstances, some or all of the program periods may be changed or cancelled after the application has been accepted.

電力系統計画・運用技術研修



How can we mitigate and reduce huge disaster risk in small islands area?

Gain insight to an essence of counter
measures and necessary planning for
disaster risk reduction
more practical, more interactive,
more inspirational
from the experiences of Japan.





Outline

This program is offered to officials currently responsible for disaster risk reduction in island states: Especially those who are involved in prevention, mitigation, reduction, preparedness, recovery and reconstruction either in central or local government.

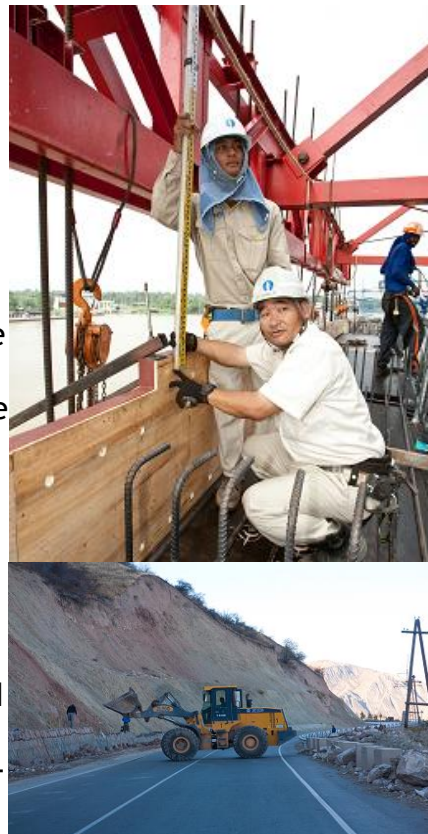
The program will be provided fully via internet communication (Online & On-demand Program).

You will use the knowledge gained in the program to find ways to apply it to your own country.

All sessions are carried out in English.

The period of the program is from October 18th to November 12th, 2021.

Course Capacity:17



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.

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To Whom?

Job Areas and Organizations

This program is offered to officials currently responsible for disaster risk reduction in island states: Especially those who are involved in prevention, mitigation, reduction, preparedness and recovery/reconstruction either in central or local government.

The applying organization with the best intention to utilize the opportunity of this program will be highly valued in the selection.

Targeted Countries

Comoros, Fiji, Haiti, Jamaica, Maldives, Marshall Islands, Micronesia, Nauru, Saint Christopher and Nevis, Saint Lucia, Saint Vincent and Grenadines, Samoa, Seychelles, Timor-Leste, Tonga, Trinidad and Tobago, Vanuatu

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



For What?

Background

Across the world, the number of natural disasters has been increasing in recent years, and in particular, there has been a remarkable increase in economic damage. Disasters tend to occur in hazardous areas repeatedly and have huge impact on lives, livelihood and its economy. Much of the suffering caused by disaster damage affects the vulnerable, especially those in lower income brackets. Consequently, disaster risk reduction (DRR) is regarded critical agenda for sustainable economic growth.

Objectives

To deepen understanding on the significant roles of national/local governments and communities for DRR and to acquire the concrete method for promotion of DRR in each country by learning the good practices of various stakeholders such as DRR organizations, public and private actors in Japan.

When?

Online Program Period



From October 18, 2021
To November 12, 2021

As a weekly basis, we'll connect online (Real time) on "Zoom". For other days, on-demand program or individual assignment will be provided.

Participants are requested to set up PC and IT environment for the course for preparation of emergency situation (such as corona related Lockdown etc), it will be better to secure PC and internet connection in your home just in case.

Where?

This course is organized by the JICA Shikoku Center and the program will be held online in collaboration with Kochi University. You will receive essential reading materials for your self-study at your office or home.



How?

How to Learn

- On-demand Lectures
- Real time Discussions
- Online Q&A Session
- Online Presentations
- Real time and online Interactions



Watch



Listen



Experience



Chat



Discuss



Present

Language

English

Commitment to the SDGs

**SUSTAINABLE
DEVELOPMENT
GOALS**



Program Structure

Please see the attached course program (tentative).

Instructors

Course Leader

Mr. Masatoshi Takahashi

Kochi University

He has been in charge of promoting international collaboration in order to solve various challenges and agenda we are facing. He hopes that all participants enjoy the course and learn a lot from Kochi.



Special Commentators

Prof. Tadashi Hara

Kochi University

- Research and Education Faculty, Natural Sciences Cluster, Science and Technology unit
- Vice-Director of Center for Disaster Prevention Promotion, Kochi University



Mr. Koichi Sakai

Chairman of Credit Guarantee Corporation of Kochi

- Visiting Professor of Kochi University
- Former Director General of Crisis Management Department of Kochi Prefectural Government



Program Officer

Mr. Yohei FUNAKOSHI

Japan International Cooperation Agency (JICA) Shikoku Center

Message: Hello dear all, I'm in charge of this program management in JICA Shikoku. The most meaningful knowledge and experience is the interaction with other participants. Let's develop our new horizon together for more resilient and inclusive DRR in the world!!!



Key information of the course

1. Course Objective:

To understand DRR policy and measures in Japan and clarify the challenges for improving each country's DRR.

To gain practical knowledge and methods on DRR through lectures, VTR observation, on comprehensive DRR in Japan and online discussion in local DRR planning to achieve the global targets in the Sendai framework.

2. Overall Goal

DRR policy of each country is enhanced by applying DRR plan and disaster risks are reduced.

3. Expected Module Output and Contents:

This program consists of the following components.

Module	Expected Module Output	Methodology
(1)	To understand the DRR system and roles, responsibilities of national and local governments in Japan, and international trend on DRR.	Lecture VTR Observation Exercise
(2)	To understand examples of investment in DRR and structural measures against disasters which expose to high risk in islands countries.	Lecture VTR Observation Exercise
(3)	To understand measures and examples of disaster prevention and reduction in local and community level.	Lecture VTR Observation Exercise
(4)	To formulate action plans for solving the problems/challenges in each country.	Exercise

<Structure of the program>

Topic outline (subject to minor changes)

(1)	Disaster risk reduction system of Japan and Kochi Prefecture
(2)	Specific countermeasures against disasters in small islands
	Ingenuity and challenges in the small island-specific DRR administration
(3)	Various DRR measures in Kochi Prefecture, located in mid- scale island and one of the “disaster prone prefecture”, and preparedness for predicted mega earthquake and tsunami
	Participatory DRR by community-based disaster management organizations(CBDMO) and municipal governments
(4)	Exchange information of DRR among participants
	Presentation
Others	Program orientation
	Evaluation meeting

(Reference) Follow-up Cooperation by JICA:

In this program, JICA might extend follow-up support to participating organizations that intend to develop the result of the program further. Please note that the support shall be extended selectively based on proposals from the participating organizations.

Further Information:

http://www.jica.go.jp/english/our_work/types_of_assistance/tech/follow/alumni/association_support.html

Eligibility and Procedures

1. Expectations from the Participating Organizations

- (1) This program is designed primarily for organizations that intend to address specific issues or challenges identified in their operation. Participating 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 this course to meet specific requirements of applying organizations and effectively facilitate them toward solutions for the issues and challenges.

2. Nominee Qualifications

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

(1) Essential Qualifications

- 1) Officially nominated by his / her own government.
- 2) Current Duties: be an official currently responsible for the natural disaster risk reduction, especially those who are involved in disaster prevention, preparedness, response, rehabilitation and recovery either in central or local level government. Officials from national development planning and treasury-related ministries are also eligible in order to secure the budget of DRR .
- 3) Experience in the relevant field: have practical experience of more than three (3) years as an administrator in the field of disaster reduction / mitigation.
- 4) Educational Background: be a graduate of university.
- 5) Language: have a competent command of spoken and written English which is

equal to TOEFL iBT 80 or more. (This program includes active participation in discussions and action plan development, thus requires high competence of English ability. Please attach an official certificate for English ability such as TOEFL, TOEIC, etc, if possible).

- 6) Health: must be in good health, both physically and mentally, to participate in the Program(may include night time session because of the time difference among countries). Pregnant applicants are not recommended to apply due to the potential risk of health and life issues of mother and fetus.
- 7) IT environment: Stable and Hi-Speed internet, PC (at least 3GB of vacancy), Web Camera, and Microphone are essential for your participation. Our program will be delivered by Google Suite, Zoom, Youtube. If you have any concern, please ask JICA office.

(2) Recommended Qualifications

- 1) Age: between the ages of twenty-five (25) and fifty (50) years, in principle.
- 2) Organization: Not only the implementing body of DRR, but Dep. or organization of the central government which engages in policies, plans and budget of DRR are preferable.
- 3) Gender Consideration: JICA promotes gender equality. Women are encouraged to apply for the program.

3. Required Documents for Application

- (1) **Application Form:** The Application Form is available at **the JICA office (or the Embassy of Japan)**
 - * If you have any difficulties/disabilities which require assistance, please specify necessary assistances in the Medical History (1-(d)) of the application form. It may allow us (people concerned in this course) to prepare better logistics or alternatives.
- (2) **Photocopy* of Passport:** to be submitted with the application form if you possess your passport for double check on your name, age etc.
 - *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) **Inception Report:** to be submitted with the Application Form. Fill in Attachment of the General Information, and submit it along with the Application Form. Inception Report is very useful for us to get information about the applicant and his/her country. So **basically, we would not examine the application form without Inception Report appropriately prepared.**

- Power Point presentation data based on Inception Report
Only accepted applicants are required to prepare power point data for short presentation during early part of this course to introduce himself/herself and share experiences or challenges among participants.

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 Shikoku Center in JAPAN by **September 17th, 2021**)

(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.*** 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 27th, 2021**



5. Conditions for Attendance

The participants of KCCP are required

- (1) to strictly adhere to the program schedule (Basically 2-3 hours per day).
- (2) not to change the program topics.
- (3) to observe the rules and regulation of the JICA's copyright (We may request you some written oath for your usage of video and online contents/materials etc.)

Administrative Arrangements

1. Organizer (JICA Center in Japan)

(1) **Name:** JICA Shikoku

(1) **Contact:** Mr. Yohei FUNAKOSHI (Funakoshi.Yohei@jica.go.jp)

2. Implementing Partner

(1) **Name:** Kochi University

(2) **URL:** <http://www.kochi-u.ac.jp/english/index.html>

3. Allowance and related supports

JICA overseas office may arrange for hotel or meeting room in the JICA office for those who cannot secure appropriate IT environment for our course participation. Detail supports (including transport, allowance) will be depend on each country. Please refer to our office in charge of your country.

4. Expenses

Preparation of necessary equipment and IT environment should be covered by participants themselves in principle. No per-diem or other allowance for the course. If you have any difficulty of the expense, please ask to JICA office before your application.

Other Information

Information of the three major earthquakes in Japan

Exchange Rate: US\$1 = 110 yen

1. The Great Hanshin-Awaji Earthquake

Date and time of occurrence	January 17, 1995, 5:46
Epicenter and scale	Northern Awaji Island, 7.3 on the Richter scale
Human suffering	
Dead	6,434 people
Injured	43,792 people
Missing	3 people
Building damage (housing)	
Complete collapse	104,906 houses
Half collapse	144,274 houses
Partial damage	249,180 houses
Financial damage	About 9.9 trillion yen (109 billion in US\$) (nearly 50% of Hyogo Prefecture's GDP)
Main characteristics	<ul style="list-style-type: none"> - An urban epicentral earthquake - Zonal damage along faults - Populated areas where urban functions are concentrated were affected by the earthquake. - Earthquake occurred in an area with aging society.



2. The Great East Japan Earthquake

Date and time of occurrence	March 11, 2011, 14:46
Epicenter and scale	Roughly 24 km deep off the Sanriku coast, 9.0 on the Richter scale
Human suffering Dead Injured Missing	15,893 people 2,553 people 6,152 people (As of March 10, 2017)
Building damage (housing) Complete collapse Half collapse Partial damage	121,764 houses 280,121 houses 726,443 houses (As of March 10, 2017)
Financial damage	About 16.9 trillion yen (186 billion in US\$)
Main characteristics	<ul style="list-style-type: none"> - Plate-type earthquake and large-scale landslides - A complex disaster that included an earthquake, a large tsunami, and a nuclear disaster - There was widespread damage. - The disaster affected areas had a declining population, the majority of them being fishing and agricultural communities. -The affected areas had an aging rate in the 20% range.

<http://www.meti.go.jp/english/earthquake/nuclear/japan-challenges/index.html>

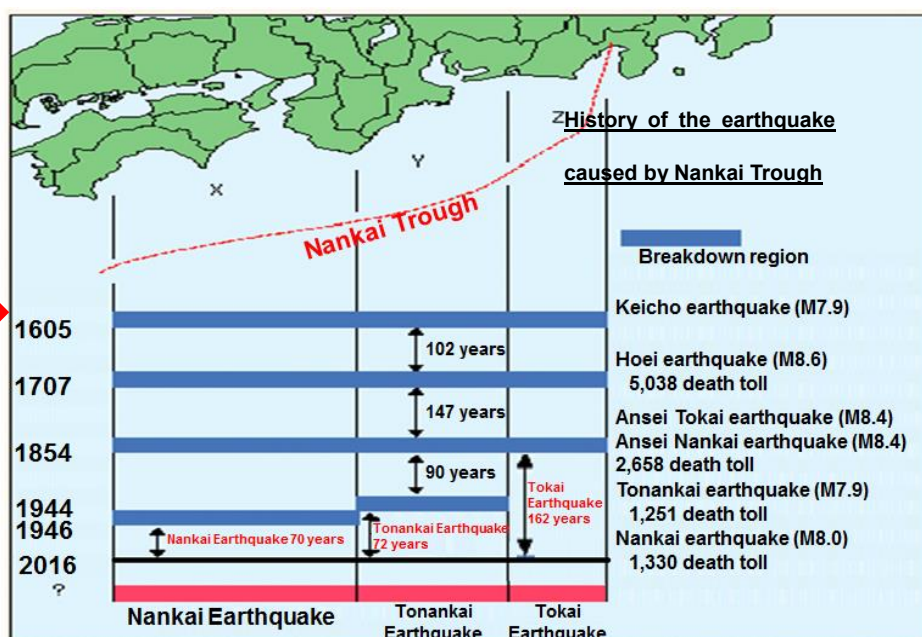


3. Nankai Trough Quake

This is the future earthquake which is estimated to occur within 30 years in a probability of 70-80%.

Damage estimation of National Government	
Death toll	Maximum: 320,000 If countermeasures taken: Number of people killed by Tsunami will be decreased by 90% through quick evacuation.
Number of building collapse	Maximum: 2.38 million If countermeasures taken: Number of collapsed building will be decreased by 40% through providing seismic retrofitting to 10% buildings.
Impact on economic activity (nationwide)	Maximum: 50.8 trillion yen (560 billion in US\$) If countermeasures taken: To be decreased by 37.9 trillion yen (417 billion in US\$)
Fundamental Principles of Emergency Management and Mitigation Measures	<ol style="list-style-type: none"> 1) To place “saving lives from tsunami” as a first priority, comprehensive measures are required (e.g. evacuating local residents, providing emergency management facilities, etc.). 2) To continuously implement intangible measures; e.g. evacuation drill, disaster education, passing on lessons learned from past disasters, etc. 3) To promote measures to minimize the damage expansion of the earthquake for economic damage (e.g. facilities). 4) To steadily promote seismic retrofitting measures to deal with seismic motion 5) To prepare and promote countermeasures which are designed for the largest earthquakes and tsunamis

Source: First report (August 2012) and second report (March 2013) released by Cabinet Office of Japan



Facebook

We post the KCCP articles on our Facebook (JICA SHIKOKU), written by Japanese and English, so please check and "like" us on the Facebook!

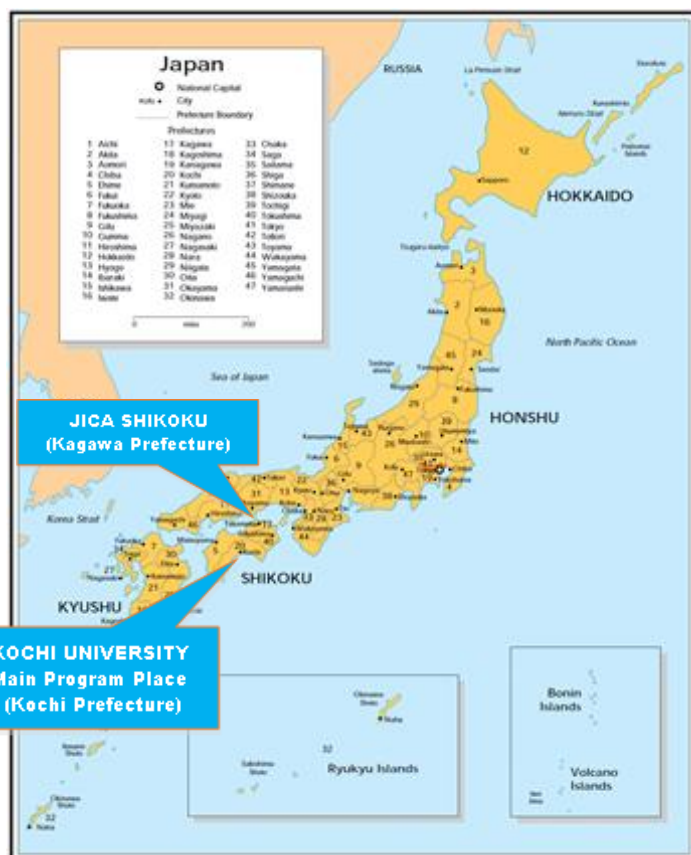
<https://m.facebook.com/jicashikoku/about>



JICA四国
Government Organization



Like



Map of Japan

Main program will be held in Kochi prefecture where local governments and communities cope with various natural disasters.

Reference

PDF: KENSHU-IN GUIDE BOOK

For more detailed terms and conditions

https://www.jica.go.jp/english/our_work/types_of_assistance/tech/acceptance/training/c8h0vm000011i07-att/guide_en.pdf



Website: JICA

English/French/Spanish/Russian

https://www.jica.go.jp/english/our_work/types_of_assistance/tech/acceptance/training/index.html



Annex

1. Preliminary Activity

To read the following documents stored in web site in advance.

- Sendai Framework for Disaster Risk Reduction
http://www.unisdr.org/files/44983_sendaiframechart.pdf
- 8 STEPS -Practical Method for developing Local DRR Strategies/Plans-
<https://www.jica.go.jp/activities/issues/disaster/ku57pq00001p03o3-att/8steps.pdf>
- Disaster Management in Japan (issued by Cabinet Office, Government of Japan)
http://www.bousai.go.jp/1info/pdf/saigaipamphlet_je.pdf

2. Inception Report

This report is considered to be very useful not only for adjusting the details of program contents to fit the needs of each participant but also for cultivating personal acquaintance each other.

Please read “IV. Priorities for action” part of “**Sendai Framework for Disaster Risk Reduction 2015-2030**” (please download PDF document from the above external link) and describe current situation of your country, based on the four main priorities for action described in “IV. Priorities for action” as below.

Priority 1: Understanding Disaster Risk

Priority 2: Strengthening disaster risk governance to manage disaster risk

Priority 3: Investing in disaster risk reduction for resilience

Priority 4: Enhancing disaster preparedness for effective response, and to “Build Back Better” in recovery, rehabilitation and



reconstruction

Sendai Framework for Disaster Risk Reduction 2015-2030” PDF data download

http://www.wcdrr.org/uploads/Sendai_Framework_for_Disaster_Risk_Reduction_2015-2030.pdf

※This Inception Report will be used as the reference information of participant selection. In addition, the presentation of the Inception Report with Power Point (about 15 minutes per participant including Q & A) will be carried out at the beginning of the program. Therefore selected participants for the program need to summarize your Inception Report to Power Point slides (2-3 pages) for the presentation before the program starts. (Detailed guidance will be informed for selected participants after selection.)

Inception Report

Applicants to the program are required to submit Inception Report in the format below together with the application forms. This report will be used as reference in the selection of the program's participants.

Therefore, this report must be typed. **Any HANDWRITTEN or INCOMPLETE report will be DISQUALIFIED.**

The report should be within 4 pages.

Applicant's Information

1. Name	[Family]	[First]	[Middle]
--Nationality			
--Contact	Tel.	Fax.	
	Email address		
2. Name of Organization			
3. Your professional Status			
--Your duties in charge (Please itemize)			
--Your relationship with JICA volunteers and/or the other JICA's activities, if any			
4. Organization Chart (Mark your position)	Please attach the organization chart.		

Current situation in your country

5-1 Current Situation and Issues of DRR in your country

- 5-1-1 DRR measures currently being focused on in your country and reasons for it
- 5-1-2 Issues in promoting DRR measures and factors of issues
- 5-1-3 Related ministries and organizations on DRR

5-2 Efforts and challenges to the “Sendai Framework for Disaster Risk Reduction 2015-2030” in your country

- 5-2-1 Practical Case in the four Priority for Actions
(all or one of the four actions can be described)
- 5-2-2 Efforts against the indicators for the Global Targets
- 5-2-3 Traditional, indigenous countermeasures to natural hazards in terms of housing method, early warning, evacuation, food security, insurance, etc

5-3 Current situation and Issues regarding local DRR strategies/plans

- 5-3-1 A government system and an administrative structure
- 5-3-2 Progress and initiatives on Global Targets of the Sendai Framework
- 5-3-3 Existing or not of the following information in your country
 - Existing local DRR plan,
 - Existing local development policy/plan
 - Geographical map (scale)
 - Population distribution/transition data/map
 - Map of critical infrastructure (transportations, important public facilities, basic services, etc.), housing/building distribution
 - Record of past disasters with damage data
 - Hazard/risk analysis report/data/map

[END]

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.



This information pertains to one of the JICA Knowledge Co-Creation Programs (Group & Region Focus) of the Japan International Cooperation Agency (JICA) implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.



CORRESPONDENCE

For enquiries and further information, please contact the JICA office or the Embassy of Japan.

Further, address correspondence to:

JICA Shikoku Center (JICA SHIKOKU)

Address: First Floor, Kagawa Sanyu Bldg., 3 Kajiya-machi, Takamatsu City, Kagawa
760-0028, Japan

TEL: +81-87-821-8824 FAX: +81-87-822-8870