



Online and Face-to-Face (in Japan)

JICA Program
GENERAL INFORMATION

Knowledge Co-Creation Program (Group and Region Focus)

Disaster Risk Reduction and Management on Infrastructure (River, Road, and Port)



Course Number: 202515157J001

Course Period: October 5 – December 15, 2026

Online Program: October 5 – October 13, 2026

Program in Japan: October 14 – December 15, 2026

• PRAZO DE INSCRIÇÃO NO BRASIL:

17/07/2026

• EMAIL PARA ENVIO DA INSCRIÇÃO:

jicabr-training@jica.go.jp



NOTE: Adobe Acrobat Reader DC and Google Chrome are recommended as PDF viewer. JAWS and NVDA are recommended as screen reader.

NOTE: If there are any difficulties in reading this document, please contact JICA Office in your country or JICA Center in Japan.

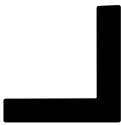
NOTE: Depending on the circumstances, some or all of the program periods may be changed or cancelled after the application has been accepted.

課題別研修 インフラ施設（河川・道路・港湾）災害対策とマネジメント



How can we make Disaster Risk Reduction through our engineering countermeasures?

Acquire knowledge of the way to reduce the damage on important public infrastructures from disasters and disaster recovery based on the Japan's experiences.



Outline

This program is designed for civil engineers who are in charge of the maintenance and management of the public engineering facilities.

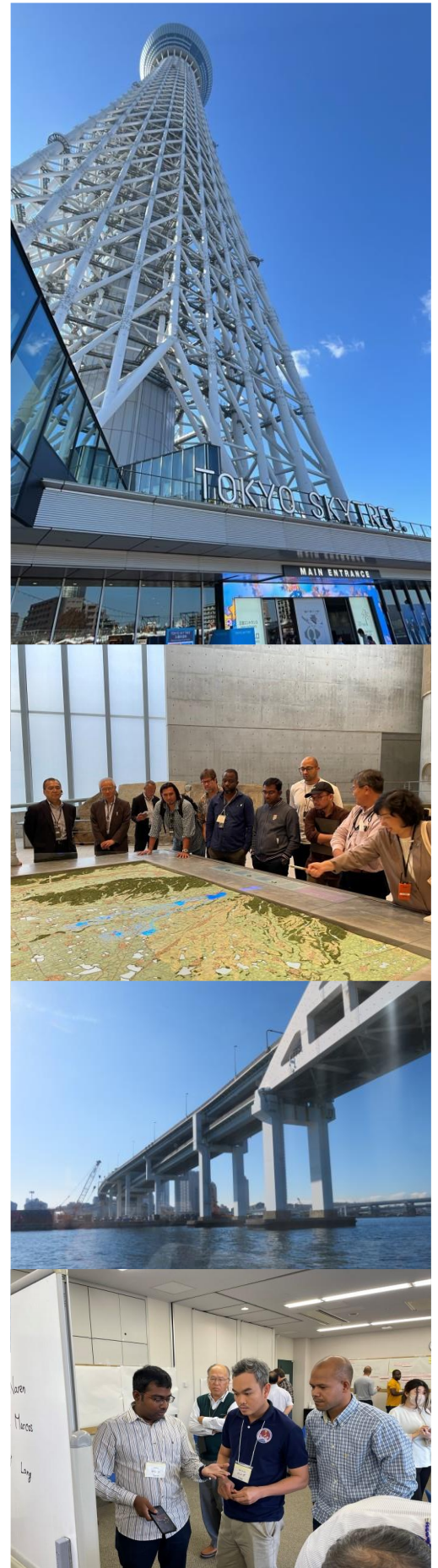
The program aims to share the various efforts such as the way to reduce the various disaster risks on important public infrastructures from disasters (flood, earthquake, tsunami, and sediment related disasters) and disaster recovery based on the Japan's experiences, leading to the improved disaster risk reduction, prevention, mitigation and restoration for infrastructure in participating organizations.

The sessions will be held online program in your country and face-to-face study in Japan.

The period of the program: October 5 – December 15, 2026

All sessions are carried out in English.

Course Capacity:
10 participants from
10 countries



JICA Knowledge Co-Creation Program (KCCP)

The Japanese Cabinet released the Development Cooperation Charter in June 2023, which stated “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.” JICA believes that this ‘Knowledge Co- Creation Program’ will serve as a foundation of mutual learning process.

Table of Contents

For What?

(Background, Overall Goal, Course Objective) 6

To Whom?

(Job Areas and Organizations, Targeted Countries) 6

When?

(Online Self-study Program Period, Face-to-Face Program Period)7

Where?

(Place Where the Program Take Place)7

How?

(How to Learn, Language, Commitment to the SDGs) 8

Program Structure 9-11

Voice

(Past Program Alumni Comments) 12

Eligibility and Procedures

(Expectations to the Applying Organizations, Nominee Qualifications) 13

(Required Documents for Application) 16

(Procedures for Application and Selection) 17

(Additional Documents to be Submitted by Accepted Participants) 17

(Conditions for Participation) 18

Administrative Arrangements

(Organizer (JICA Center in Japan), Implementing Partner, Travel to Japan,
Accommodation in Japan, Expenses, Pre-departure Orientation, Other Information) ... 20-22

Annex I

(Job Report & Basic Information Matrix) 23-29

Annex II

(Schedule in FY2024) 30-33

For Your Reference

(JICA and Capacity Development, Japanese Development Experience) 34

For What?

Background

In recent years, disasters which could shake the foundations of regions and nations are occurring more frequently and intensely all over the world. As a result, economic damage and loss are expanding. In developing countries, disasters such as floods, earthquake, tsunami, sediment related disasters have caused serious damage to public infrastructure (road, river, port, water supply and sewerage system, electric power supply, etc.) and recovering such public infrastructure requires a great deal of reinvestment and time. In this way, it repeatedly impedes social and economic development.

Overall Goal

Damage caused by disasters in infrastructure (rivers, roads, and ports) is reduced, and better restoration is properly carried out in the organizations where participants belong.

Course Objective

Participants acquire knowledge for construction and maintenance of infrastructures taking into account the risks of disasters, countermeasures for mitigation, and methods for early recovery and build back better.

To Whom?

Job Areas and Organizations

This program is offered to civil engineers who are involved in infrastructure management (river, road and port, but NOT for building and housing) from the viewpoint of investigation, planning, implementation or maintenance.

Targeted Countries

Bangladesh, Brazil, El Salvador, India, Madagascar, Mozambique, South Africa, Sri Lanka, Timor-Leste, and Vanuatu

When?



Self-study Period

Before October 13, 2026



Online Program Period

October 5 – October 13, 2026

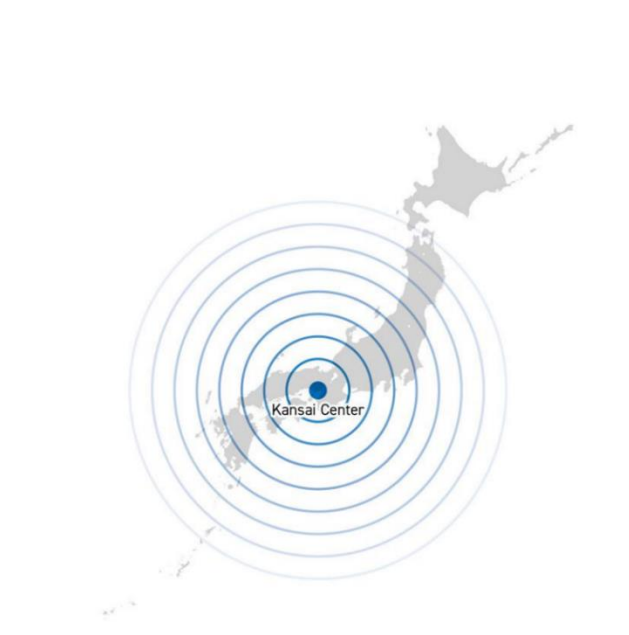


Face-to-face Program Period (In Japan)

October 14 – December 15, 2026

Where?

This course is carried out mainly at JICA Kansai Center.



JICA Knowledge Co-Creation Program (Group and Region Focus)

Disaster Risk Reduction and Management on Infrastructure (River, Road, and Port)

Course No. 202515157J001

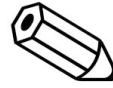
How?

How to Learn

- Self-Study
- Q&A Session
- Lectures
- Field Visits
- Workshops
- Discussions
- Presentations



Watch



Study



Experience



Discuss



Present



Interact

Language

English

Commitment to the SDGs



Program Structure

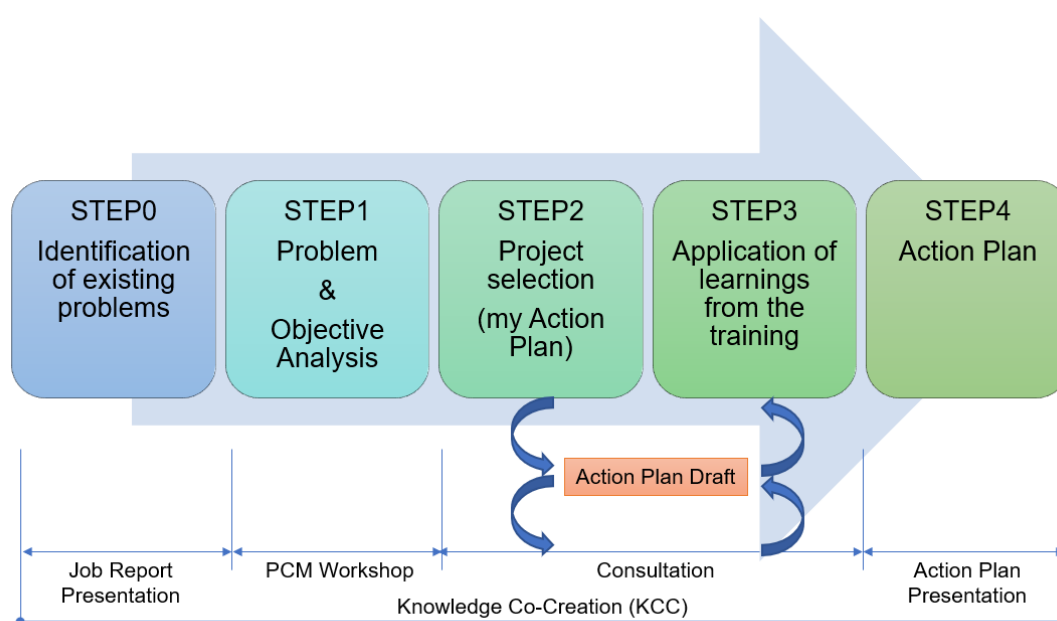
This program consists of the following components. Details on each component are given below:

Preliminary Phase in your country Online program period		
Self-study ✓ Participants are required to prepare and submit Job Report and Basic Information Matrix (BIM). (As for the details, please check the ANNEX I) ✓ View videos through internet (ex. Disasters in Japan, Disaster Prevention facilities in Japan and etc.) to gain more knowledge and motivation before the program in Japan starts		
Online Program ✓ Participants are required to participate in an online program at the designated date and time: • Self-introduction • Ice Break Activity • Goal Setting of this training		
Core Phase in Japan Face-to-face Program		
Expected Module Output	Subjects/Agendas	Methodology
<1> To be able to explain the similarities and differences of the feature of disasters between the participating countries and Japan.	(1) Job report presentation (2) Disasters in Japan (3) Disasters and their analysis in each country (4) Transition of disaster risk reduction technologies in Japan	Lecture Presentation Field visit

<2> To be able to explain the national, prefectural and municipal governmental policies on Disaster Risk Reduction (DRR), a regional disaster management plan and a plan for building a disaster-resilient society.	(1) Disaster management policies/plans/measures at different levels (2) Disaster management project (3) Ports and Harbors in Japan	Lecture Field visit • Key Wide-Area Disaster Management Base, etc.
<3> To be able to explain structural measures such as the methods of DRR on infrastructure (river, road and port) and of post-disaster restoration and reconstruction.	(1) Countermeasures for Sediment Disasters (2) River Improvement Project (3) Landslide Countermeasures Project (4) Road Project (Road • Bridge) (5) Disaster Restoration Project (6) Engineering techniques for emergency restoration / reconstruction methods	Lecture Field visit • River Office • Sabo Office • Tide Gates • Tsunami Evacuation Tower, etc.
<4> To be able to explain non-structural measures on DRR such as weather forecast, early warning system, information sharing system.	(1) Response to disasters by Meteorological Observatory (weather forecast/earthquake) (2) Flood forecasting system and its operation (3) Earthquake Disaster Prevention, Mitigation and Restoration System for Lifeline (4) Creation of Disaster Reduction Awareness	Lecture Workshop Field visit • Field survey and Hazard Map making • Public Works Research Institute • Disaster Reduction and Human Renovation Institution

<5> To formulate/ present Action Plan and propose applicable techniques/ knowledge to participant's organization.	(1) Problem analysis, solution finding (2) Preparation of Action Plan* (3) Presentation of Action plan	Workshop Discussion Consultation Presentation
Finalization Phase in your country <u>After going back to your home country</u>		
Expected Module Output	Activities	
To implement the Action Plan	Dissemination, finalization and implementation of the Action Plan in the participant's country	

*Action Plan Preparation Steps are as follows;



Voice

Past Program Alumni Comments



RAJI Tosin Sheriff

Nigeria

Due to its climate and topology, Japan experiences one of the highest numbers of disasters in the world every year despite being a country with relatively small land mass. With Japanese determination and doggedness, Japan has been able to combine some of its olden days and modern technologies driven by scientific facts, and evidence to fortify its Infrastructural defense system against the occurrence of future disasters.

The Disaster Risk Reduction and Managements on Infrastructure was designed with top-notch tested and trusted soft and hard countermeasures of Japanese knowledge in disaster preparedness and Response making. It is very beneficial and helpful for me as a planner for building a critical infrastructure protection framework against natural and economic disaster for effective service delivery and sustainability.



WICAKSONO Dimas Yudha

Indonesia

This comprehensive, detailed, and inspiring course has been essential to my life. Observing, learning, and understanding behind some of the world's most advanced disaster resilience infrastructure is such a humbling experience. These courses cover both hard and soft measures, emphasizing holistic thinking. Site visits and knowledge exchange meetings enhance practical learning. Japan seamlessly integrates resilient infrastructure into daily life, from safe school sites to stringent building codes. Cultural



awareness of natural forces, such as tsunami stone monuments and early warning systems, shapes behavior and create awareness beyond generations. All of this gives me a better understanding and a broad approach to planning infrastructure resilient to disaster and integrates well into how people live.

Eligibility and Procedures

1. Expectations for the Applying Organizations

- (1) This course is designed primarily for organizations that intend to address specific issues or problems identified in their operation. Applying organizations are expected to use the program for those specific purposes.
- (2) This course is enriched with contents and facilitation schemes specially developed in collaboration with relevant prominent organizations in Japan. These special features enable the course to meet specific requirements of applying organizations and effectively facilitate them toward solutions for the issues and problems.
- (3) In this connection, applying organizations are expected to nominate the most qualified candidates to address the said issues or problems, carefully referring to the qualifications described in section “2. Nominee Qualifications” below.

2. Nominee Qualifications

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

【Remarks】 Each Organizations is requested to strongly encourage female candidates to apply for acceleration of gender Equality and women’s empowerment.

Disabilities: Persons with disabilities who meet the required qualifications also have an opportunity to apply. Reasonable accommodation will be considered for participants with disabilities. Some programs of the course might have difficulty for persons with disabilities to participate due to environmental and other conditions. “Reasonable accommodation” means necessary and appropriate modification and adjustments not imposing a disproportionate or undue burden, where needed in a particular case.

(1) Essential Qualifications:

1) Current Duties & Experience in the relevant field:

Must be a civil engineer of central or local government with at least 5 years of experience in infrastructure management (**EXCEPT FOR building/ housing**).

2) Educational Background:

Should be university graduates or equivalent in the area of civil engineering.

3) English Language Qualification:

Have a competent command of English which is equal to TOEFL iBT 80 or more. This program includes active participation in discussions, which requires HIGH competence of English ability. Please attach an official certificate for English ability such as TOEFL, TOEIC, etc., if possible.

4) Health:

Participants must be in good health to participate in the program in Japan. Participant's health and safety should be most respected. Pre-existing conditions ¹ and pregnancy may lead to health problems that were not present prior to arriving in Japan due to stress from international travel, changes in climate, and a new living environment. In recent years, regrettable cases have occurred, including the exacerbation of symptoms after arrival and, in the case of pregnancy, stillbirth. Some participants have also incurred substantial out-of-pocket medical costs. If any of the conditions below may apply, please take a moment to consider whether to participate, and continue after confirming your agreement to the points below.

① Questionnaire ("QUESTIONNAIRE ON MEDICAL STATUS AND RESTRICTION")

If any of the following apply, you must state them accurately in the questionnaire, even if they do not affect your current work or daily life.

- a. Chronic diseases (e.g., hypertension, diabetes)
- b. Conditions currently under treatment
- c. Past illnesses that have been resolved (including serious conditions affecting the heart, liver, or brain; tuberculosis, etc.)
- d. Pregnancy (for female applicants)

¹ Pre-existing conditions :Chronic diseases, Conditions currently under treatment and Past illnesses that have resolved.

② Medical certificate

Please submit a medical certificate issued by a doctor that your condition is stable and that, from a medical standpoint, there is no problem with your participation in KCCP in Japan.

Applicable cases:

- a. Chronic diseases (e.g., hypertension, diabetes)
- b. Conditions currently under treatment
- c. Past illnesses that have been resolved (including serious conditions affecting the heart, liver, or brain; tuberculosis, etc.)

③ Reporting changes

If pregnancy or any health issues are identified after submitting the form, please report them to JICA promptly.

④ Insurance coverage

Medical and additional living expenses related to pregnancy and pre-existing conditions are NOT covered by insurance arranged by JICA. Such costs must be borne entirely by the participant; JICA assumes no liability.

* Please understand that insurance coverage applies only to sudden illness or injury occurring during your stay in Japan.

* Medical expenses in Japan could be a significant financial burden when not covered by insurance.

5) Technical Requirements for the Online Program (Computer)
Technology Proficiency:

- Basic computer skills, such as sending/receiving e-mail with attachments, and using a web browser.
- This program may be delivered using the following services; Web Conferences (Ex. Zoom or MS Teams), Cloud Storage (Ex. Google Drive, GIGAPOD), and YouTube.

Internet Connection:

- High Speed Broadband Connection (at least 2Mbps) from your office or your home.

*In principle internet access charge incurred for this course shall be borne by you/your organization.



<Minimum Requirement>

Hardware:

- Regular access to a computer, either from your home or from your office.
- Operating System: 64bit Windows or Mac OS (Updated version is preferred).
- Processor: Intel i3 or equivalent; 2GHs or higher
- Memory: 8GB of RAM or higher
- Hard Drive Space: 100GB free disk space
- Browser: Google Chrome is preferred browser. (Edge, Firefox, Safari can be used)

*In some cases, Smartphone (Android OS or Apple iOS) can be used as substitute of PC.

Hardware and Software which may be required:

- Webcam Microphone, and Audio output Device (Speaker or Headset)
- Zoom Client for Meeting (<https://zoom.us/download>)

(2) Recommended Qualifications

- 1) **Age:** between the ages of twenty-five (25) and forty-five (45) years old.
- 2) **Gender Equality and Women's Empowerment:** JICA seeks more female applicants due to the past records of fewer applications from women. JICA is committed to promoting gender equality and women's empowerment, and provides equal opportunities for all applicants regardless of their sexual orientation or gender identity.

3. Required Documents for Application

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

* If you have any difficulties/disabilities which require assistance, please specify necessary assistance in the QUESTIONNAIRE ON MEDICAL STATUS RESTRICTION (1-(c)) of the application form. Information will be reviewed and used for reasonable accommodation.

- (2) Photocopy of Passport or ID:** You should submit the photocopy of your passport with the application form. It should be the passport that you will carry with when you enter Japan for this program. If you do not possess your passport, you need to submit the photocopy of your ID. As soon as you obtain your passport, you are requested to submit its photocopy to JICA.

*The following information should be included in the photocopy:



Name, Date of Birth, Nationality, Sex, Passport Number and Expiry Date

*It is recommended that your passport be valid for more than 6 months after the last day of the program.

- (3) English Score Sheet (photocopy):** if you have any official English examination scores (e.g., TOEFL, TOEIC, IELTS), it should be submitted with the application form.

4. Procedures for Application and Selection

(1) Submission of the Application Documents

Please confirm the local deadline with the JICA overseas office (or the Embassy of Japan). All required material must arrive at JICA Kansai Center in Japan by July 31, 2026

(2) Selection

Primary screening is conducted at the JICA overseas office (or the embassy of Japan) after receiving official documents from your government. JICA Center will consult with concerned organizations in Japan in the process of final selection. Applying organizations with the best intentions to utilize the opportunity will be highly valued.

The Government of Japan will examine applicants who belong to the military or other military-related organizations and/or who are enlisted in the military, taking into consideration of their duties, positions in the organization and other relevant information in a comprehensive manner to be consistent with the Development Cooperation Charter of Japan.

(3) Notice of Acceptance

The JICA overseas office (or the Embassy of Japan) will notify the results **no later than August 27, 2026.**

5. Additional Documents to be Submitted by Accepted Participants

Accepted participants should submit the following documents by **September 14, 2026** (Submission details will be provided to accepted participants.)

<A> Job Report (PPT)

 Basic Information Matrix (Excel)

As for details, please see ANNEX I.



6. Conditions for Participation

The participants of KCCP are required

- (1) to strictly observe the course schedule,
- (2) not to change the program topics,
- (3) not to record or share the online contents without JICA's permission,
- (4) to comply with the use conditions of copyrighted works by each copyright holder, when using texts and other materials distributed for KCCP,
- (5) not to change the air ticket (and flight class and flight schedule arranged by JICA) and lodging by the participants themselves,
- (6) to understand that leaving Japan during the course period (to return to home country, etc.) is not allowed (except for programs longer than one year),
- (7) not to bring or invite any family members (except for programs longer than one year),
- (8) to carry out such instructions and abide by such conditions as may be stipulated by both the nominating Government and the Japanese Government in respect of the course,
- (9) to observe the rules and regulations of the program implementing partners to provide the program or establishments,
- (10) not to engage in political activities, or any form of employment for profit,
- (11) to discontinue the program, should the participants violate the Japanese laws or JICA's regulations, or the participants commit illegal or any type of immoral conduct including sexual harassment, or get critical illness or serious injury and be considered unable to continue the course. The participants shall be responsible for paying any cost for treatment of the said health conditions except for the medical care stipulated in (3) of "5.Expenses", "Administrative Arrangements",
- (12) to return the total amount or a part of the expenditure for the KCCP depending on the severity of such violation, should the participants violate the laws and ordinances,
- (13) not to drive a car or motorbike, regardless of an international driving license possessed,
- (14) to observe the rules and regulations at the place of the participants' accommodation, and
- (15) to refund allowances or other benefits paid by JICA in the case of a change in schedule.

(16) to promptly notify JICA in the case that there are any changes in the health status since the time of application (such as changes requiring medical attention due to illness or discovery of pregnancy)



Administrative Arrangements

1. Organizer (JICA Center in Japan)

- (1) Center: JICA Kansai Center (Kobe city in Japan)
- (2) Program Officer: Mr. SAKANISHI Yuta (Sakanishi.Yuta@jica.go.jp)

2. Implementing Partner

TBD

3. Travel to Japan:

- (1) Air Ticket:

In principle, JICA will arrange an economy-class round-trip ticket between an international airport designated by JICA and Japan.

- (2) Travel Insurance:

Coverage is from time of arrival up to departure in Japan. Thus, traveling time outside Japan (include damaged baggage during the arrival flight to Japan) will not be covered.

Note: If you return to your home country for your own reasons, JICA will not cover the cost.

4. Accommodation in Japan:

Basically, JICA will arrange the following accommodations for the participants in Japan

JICA Kansai Center (JICA Kansai)
Address: 1-5-2 Wakinohama Kaigandori, Chuo-ku, Kobe,
Hyogo 651-0073, Japan
TEL: +81-78-261-0386/0341

Please refer to facility guide of JICA Kansai at its URL,

<https://www.jica.go.jp/kansai/english/office/index.html>

5. Expenses

The following expenses in Japan will be provided by JICA

- (1) Allowances for meals, living expenses, and stopover.



- (2) Expenses for study tours (basically in the form of train tickets).
- (3) Medical care for participants who become ill after arriving in Japan (the costs related to pre-existing illness, pregnancy, or dental treatment **are not included**).
- (4) Expenses for program implementation, including materials.
- (5) For more details, please see “III. ALLOWANCES” of the brochure for participants titled “KENSHU-IN GUIDE BOOK,” which will be given before departure for Japan.

*Link to JICA HP (English/French/Spanish/Russian):

https://www.jica.go.jp/english/our_work/types_of_assistance/tech/accept_or
<https://jica-van-cms.jica.go.jp/custom/kccp/kccp01.html>

6. Pre-departure Orientation

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

*YouTube of “Knowledge Co-Creation Program and Life in Japan” and “Introduction of JICA Center” are viewable from the link below.

Part I: Knowledge Co-Creation Program and Life in Japan	
English ver.	https://www.youtube.com/watch?v=SLurfKugrEw
French ver.	https://www.youtube.com/watch?v=v2yU9lSYcTY
Spanish ver.	https://www.youtube.com/watch?v=m7l-WlQSDjI
Russian ver.	https://www.youtube.com/watch?v=P7_ujz37AQc
Arabic ver.	https://www.youtube.com/watch?v=1iBQqdpXQb4
Part II: Introduction of JICA Centers in Japan	
JICA Kansai	https://www.jica.go.jp/kansai/english/office/index.html

If the links of these YouTube URLs have expired, please access the URL below and search the necessary information from the key word.

<https://www.youtube.com/user/JICAChannel02>

7. Other Information

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



- (2) For the promotion of mutual friendship, JICA Kansai encourages international exchange between JICA participants and local communities, including school and university students as a part of development education program. JICA participants are expected to contribute by attending such activities and will possibly be asked to make presentations on the society, economy and culture of their home country.
- (3) Participants are strongly recommended to bring laptop computers and PC mice for their convenience. During the program, participants are required to work on their own computers, including preparation of Action Plan (AP) and operation of flood/sediment disaster prediction simulation software. Most of the accommodations have internet access.
- (4) Participants are requested to bring athletic shoes and backpack (or small suitcase). Athletic shoes are necessary for field visits and backpack (or small suitcase) is necessary when participants go out for a short trip to other cities so that they don't need to bring everything.
- (5) Allowances, such as for living, will be deposited to the participants' temporary bank account (opened by JICA) 2 to 5 days after their arrival in Japan. It is highly advised to bring some cash to cover necessary expenses for this period.
- (6) It is very important to exchange some currency to Japanese Yen before the arrival. It will be quite difficult to exchange money once the program starts, due to the limitation of time and facilities.

7. Reference

KENSHU-IN GUIDEBOOK

For more detailed terms and conditions

[JICA Knowledge Co-Creation Program\(KCCP\) | 研修事業 \(KCCP\) |](#)

Video: JICA Predeparture Briefing

For more information on life in Japan and KCCP [JICA Knowledge Co-Creation Program\(KCCP\) | 研修事業 \(KCCP\) |](#)

Website: JICA

English/French/Spanish/Russian

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



Annex I

Job Report and BIM

(Only for accepted participants)

Should be sent by September 14, 2026
(Submission details will be provided to accepted participants.)

< A > Job Report

1. Style

- (1) Job report should be prepared by Microsoft® Power Point.
- (2) Job report should cover the following six elements

1. Overview

An overview of your country or region, the mission of the participant's organization, and the participant's roles and responsibilities.

Note: Please include the annual budget for disaster prevention infrastructure and information on the availability of a legal framework for disaster risk reduction.

2. Disasters

The disasters that typically occur in the participant's country or region.

3. Countermeasures

Countermeasures implemented by the participant's organization and/or the participant.

4. Experience in Disaster Management

The experience(s) of the participant's organization and/or the participant in disaster management.

5. Issues and Challenges

Key issues and challenges related to DRR (Disaster Risk Reduction) faced by the participant's organization and/or the participant.

6. Objectives

Objectives of participating in this program.

Note: Please use some tables, figures and pictures for better understanding of other participants and lecturers (e.g. pictures taken before and after disasters).

- (3) The report should be about 10 slides (Power Point). On each slide, please indicate only main points (NOT long-winded sentences).

2. Language : English

3. Job Report Presentation:

- (1) Job report presentation is planned to be held at the beginning of the program.
- (2) Each participant has 15-20 minutes to make a presentation and 5 minutes for Q&A.

< B > Basic Information Matrix

The Basic Information Matrix aims to sum up basic information about disasters and share it with other participants and instructors. The Basic Information Matrix is divided into three parts. The first section is asking some data on disaster for Infrastructure. The second section is the information related to assistance by Development Partners. The third section is asking the information on the budget of disaster prevention. It would be desirable that each participant fills out this part in cooperation with respective country's JICA office.

1. Style

- (1) Basic Information Matrix (BIM) should be sent by Microsoft® Excel, not by PDF file.

2. Language: English

Disaster Risk Reduction and Management on Infrastructure (River, Road and Port)		
Basic Information Matrix		
Your Name & Country		
【1】 Information on Disaster for Public Works		
1-1-1 Geographic & Geological conditions		
1-1-2 Climatic Division, Annual Rainfall, Peak Rainfall per 1 hour	Climatic Division	
	Annual Rainfall	
	Peak Rainfall per 1 hour	
1-1-3-(a) Existence of Hydrological Observation Statistical	Rainfall	

Data (Please select "✓" if the observation is carried out, or "X" if not.)	Water Level	
	Tide Level	
1-1-3-(b) Existence of sharing information system from the hydrological observation to the organization in charge of infrastructure (Please select "✓" if such system exists, or "X" if not)		
1-1-3-(c) Existence of disaster related information sharing system from the hydrological observation to citizens. (Disaster related information : Weather warning information and information regards to disasters such as earthquake, tidal wave, tsunami, landslide, flood, volcanic activity, etc.) (Please select "✓" if the system is existed, or "X" if not)	Weather warning information	
	Disaster related information	
	Earthquake	
	Tidal wave	
	Tsunami	
	Landslide	
	Flood	
	Volcanic Activity	
	Others	
1-1-4-(a) Please indicate most typical disasters in your country and the situation in the past.		

1-1-4-(b) Existence of record/statistical data of the past disasters. (Please select "✓" if such record/data exists, or "X" if not)		
1-1-5 Disasters which your organization and government try to tackle with high priority. (Please choose disasters within the above answers (1-1-4-(a))		
1-1-6 Please indicate some countermeasures plan such as long-term plan, maintenance plan, etc., and some hard/soft countermeasures which currently your organization are implementing against the disasters which are mentioned in the above question 1-1-5.		
1-1-7 Please indicate challenges and policies/technologies which are required to implement 1-1-6.		
1-2-1 Existence of Law(s) and/or System(s) about Disaster Restoration related to 1-1-4 and 1-1-5. (Please select "✓" if such law(s) and/or system(s) exist for the following infrastructure, or "X" if not)	Road	
	River	
	Port	
	others	
1-2-2 Design basis and standards that prescribes post-disaster construction methods (Please describe outline of them on the each box if such design basis exists)	Road	
	River	
	Port	

	others	
1-2-3 Legal Framework (Overall Structure)	(a) Basic law for disaster management (name and year enacted)	
	(b) Major related laws and regulations (up to three)	
	(c) Existence of a national disaster management plan/strategy (✓/X) and its name	
	(d) Existence of local government-level plan/strategy (✓/X)	
1-2-4 Institutional Roles and Responsibilities for Disaster Management	(a) Roles of the central government (legal responsibilities)	
	(b) Roles of local governments	
	(c) Position of private sector and communities	
1-2-5 Institutionalization of International Frameworks	(a) Adoption of the Sendai Framework for Disaster Risk Reduction (✓/X)	
1-2-6 Key Issues and Challenges	(a) Please describe one major challenge in your legal framework (1–2 sentences)	
1-3-1 "intangible" system(s) against disasters (e.g. a hazard map to show prediction of damages by disasters, water level gauge and early warning system etc.)		

1-3-2 Maintenance manual which is based on the lesson learned from the past disasters in your organization. (Please describe outline of them if such maintenance manual exists)	
1-4 Technologies and countermeasures (hard/soft) which you want to learn in Japan.	
【2】 Assistance by Development Partners(donors)	
2-1 Past, Present and Future Projects related to this course supported by Japan	
2-2 Project or Assistance by other donors/countries	
【3】 Budget for Disaster Prevention	
3-1 How the organization budgets for disaster preparedness projects	
3-2 Percentage of the national budget (or the budget of the local government to which you belong) that is spent on advance disaster management	
3-3 Percentage of the national budget (or the budget of the local government to which it belongs) allocated to disaster response including rescue and relief operations.	

Annex II

Schedule in FY2024

<For your reference only>

Date		Time		Type	Subject	Place to Visit
9-Oct	Wed	9:00	10:00	L	Encouraging Program (1) Pre-Orientation (Belize, Chile, Indonesia, Timor-Leste, Viet Nam)	On-line (ZOOM)
		16:00	17:00	L	Encouraging Program (2) Pre-Orientation (India, Sri Lanka, Malawi, South Africa)	On-line (ZOOM)
10-Oct	Thu	9:00	10:00	L	Encouraging Program (3) Discussion on Video programs (Belize, Chile, Indonesia, Timor-Leste, Viet Nam)	On-line (ZOOM)
11-Oct	Fri	16:00	17:00	L	Encouraging Program (4) Discussion on Video programs (India, Sri Lanka, Malawi, South Africa)	On-line (ZOOM)
12-Oct	Sat				Self-study	
13-Oct	Sun				Self-study	
14-Oct	Mon				Self-study	
15-Oct	Tue				Arrival in Japan	
16-Oct	Wed	10:00	12:00		Briefing / General Orientation by JICA	JICA Kansai Seminar Room 33 + 34
		13:30	16:30	L	Course Orientation by Construction Services in Kinki Region (CSKR)	
17-Oct	Thu	10:00	12:00	D	Self introduction / Introduction of Participants' Countries	JICA Kansai SR 33 + 34
		13:50	15:50	O	Great Hanshin-Awaji Earthquake Memorial Museum - Disaster Reduction and Human Renovation Institute	Earthquake Memorial Museum
		18:00	19:30		Japanese Language Lesson	JICA Kansai SR 33 + 34
18-Oct	Fri	10:00	12:30	L/D	Guidance on Job Report Presentation and Action Plan Preparation / Learning Action Plan from former participants	JICA Kansai SR 33 + 34
		14:00	16:30	L	Disaster Management in Japan	JICA Kansai SR 33 + 34
19-Oct	Sat			N	No Official Schedule	
20-Oct	Sun			N	No Official Schedule	
21-Oct	Mon	10:00	16:00	P	Job Report Presentation	JICA Kansai SR 33 + 34
22-Oct	Tue	10:00	12:30	L	JICA's Cooperation for Disaster Risk Reduction	JICA Kansai SR 33 + 34
		13:30	16:00	L	Disaster Reduction and Investment for Disaster Resilient Infrastructures	JICA Kansai SR 33 + 34
23-Oct	Wed	9:00	17:00	L/O	Rekishi Kaido (Lecture on Japanese culture/history, and visit to Takenaka Tool Museum, Heijo Palace & Todaiji Temple)	JICA Kansai SR 33 + 34, Visit to Nara
24-Oct	Thu	10:30	12:00	D	Technical Exchange with Officers of Kinki Regional Development Bureau (KRDB), MLIT	Kinki Regional Development
		13:00	13:30	O	Disaster Management Center, KRDB	
		13:30	15:00	O	Disaster Prevention Base in Osaka (Osaka Castle Park)	Osaka Castle Park
		15:30	17:00	D	Review Session (1)	Center B, 13F, CSKR

Date		Time		Type	Subject	Place to Visit
25-Oct	Fri	9:30	10:30	L	Disaster Risk and Countermeasures in Osaka Prefecture	Nishi-Osaka Flood Control Office
		10:30	11:45	L	Comprehensive Flood Control Measures and Storm Surge Measures of Osaka Prefecture	
		13:30	14:30	O	Kizu River Tide Gate	Kizu River Tide Gate management office
		15:00	16:00	O	Tsunami/Storm Surge Station	Tsunami/Storm surge station
26-Oct	Sat			N	No Official Schedule - JICA Autumn Festival -	
27-Oct	Sun			N	No Official Schedule	
28-Oct	Mon	10:00	16:00	P	Visualization of Issues (Issue Analysis) - PCM	JICA Kansai SR 33 + 34
29-Oct	Tue	10:00	16:00	P	Instruction on Action Plan Preparation (1), (2) - Narrowing down the issues	JICA Kansai SR 33 + 34
		16:00	16:20		Information on downloading iRIC & RRI software	
30-Oct	Wed	9:30	10:30	O	Hanazono Multipurpose Flood Retarding Basin and Matsubaraminami Regulating Reservoir	Hanazono and Matsubaraminami
		11:00	12:00	O	Wakae Vertical Shaft	Wakae Vertical Shaft
		13:30	14:30	L	Civil Engineering Technology of Ancient Sayama Pond - Civil engineering of embankment	Sayamaike Museum
		14:30	16:00	O	History of Civil Engineering Work and Technology / Past and Present of Sayamaike Dam	Sayamaike Museum, Sayamaike Dam
31-Oct	Thu	9:30	16:30	L	Lecture and Town Watching for Developing Hazard Map	JICA Kansai SR33 + 34/ Aotani area, Kobe
1-Nov	Fri	10:00	12:00	D	Review Session (2)	JICA Kansai SR42 (4th floor)
		14:30	16:30	L/O	Outline of Hanshin Expressway Company / BCP of Hanshin Expressway Company / Earthquake Museum	Hanshin Expressway Earthquake Museum
2-Nov	Sat			N	No Official Schedule	
3-Nov	Sun			N	No Official Schedule (National holiday - Culture Day)	
4-Nov	Mon			N	No Official Schedule (substitute holiday)	
5-Nov	Tue	10:00	12:00	L	Road Development in Japan	JICA Kansai SR 41 (4th floor)
		13:30	16:00	L	Current Status and Issues of River Administration	JICA Kansai SR 41
6-Nov	Wed	10:00	12:30	L	Role of SABO Works and Technology of Countermeasures for Sediment Disasters	JICA Kansai SR 41
		13:30	16:00	P	iRIC, a numerical simulation tool for the generation, flow and deposition of debris flow	JICA Kansai SR 41
7-Nov	Thu	10:00	16:00	O	Construction Technology Expo 2024 Kinki	Intex Osaka
8-Nov	Fri	10:00	12:00	L	Disaster Response of Kinki Regional Development Bureau (KRDB)	JICA Kansai SR 41
		13:30	15:00	L	Restoration from disasters (disaster assessment)	JICA Kansai SR 41
		15:00	16:30	L	Road Maintenance	JICA Kansai SR 41
9-Nov	Sat			N	No Official Schedule	
10-Nov	Sun			N	No Official Schedule	
11-Nov	Mon	13:15	14:30	O	Tokyo Aqua Line.	Tokyo Aqua Line
12-Nov	Tue	9:30	10:30	L	Measures against Disasters Implemented by MLIT	JICA Headquarters MR228
		10:45	12:15	L	International Cooperation by MLIT	JICA Headquarters MR228
		13:45	16:15	L	Introduction of Japanese Disaster Risk Reduction Technology	JICA Headquarters MR113
13-Nov	Wed	10:15	11:45	O	Tokyo Sky Tree	Tokyo Sky Tree
		11:45	13:45		TAKUWA Technical Innovation Center	
		14:00	16:30	L/O	Sensors for Preventing Water and Sediment Related Disasters	Takuwa Technical Innovation Center

Date		Time		Type	Subject	Place to Visit
14-Nov	Thu	10:00	12:00	L/O	Reinforced Soil Retaining Wall (L) Test Facility 1: Geotechnical Dynamic Centrifuge in PWRI	Tsukuba Central Research Institute, PWRI (Public)
		13:30	16:00	L	Road Slope Disaster Management in Japan	
15-Nov	Fri	10:00	16:00	L/P	Flood Forecasting Model (RRI) Outline and Practice / RRI Model Training, Case study Abe River basin in Japan	Tsukuba Central Research Institute, PWR
16-Nov	Sat				Back to JICA Kansai	
17-Nov	Sun			N	No Official Schedule	
18-Nov	Mon	10:00	12:00	L	Disaster restoration methods (rivers, coasts)	JICA Kansai SR33 + 34
		13:30	15:00	L	Disaster restoration methods (roads, bridges)	
		15:00	16:30	L	Disaster restoration methods (landslides ,etc.)	
19-Nov	Tue	10:00	12:00	L	Integrated Control of Dams in Yodo River System	Yodo River Dams Integrated Control Office
		13:30	15:00	L	Information and communication technology for disasters (hardware)	Kinki Technical Office
		15:00	16:00	O	Disaster-relief vehicles and machinery	
20-Nov	Wed	10:00	12:00	D	Review Session (3)	JICA Kansai SR33 + 34
		14:00	15:30	O	Amagase Dam Redevelopment Project	Amagase Dam
		15:50	17:00	O	Byodoin Temple	Byodoin Temple
21-Nov	Thu	10:00	11:50	L/O	Yodo River Improvement Work, Kema Pumping Station, Yodo River Great Weir, Shirokita Fluvial Lagoon and Super Levee	Kema branch office,Shirokita Fluvial
		14:00	15:30	O	Hanshin Expressway Yodo River Left Bank Road Construction	Hanshin Expressway Yodo River Left Bank
22-Nov	Fri	10:00	12:00	L	River Restoration Project	JICA Kansai SR 42
		13:30	16:00	D	Instruction on Action Plan Preparation (3)	
23-Nov	Sat			N	No Official Schedule	
24-Nov	Sun			N	No Official Schedule	
25-Nov	Mon	10:00	12:00	L	Restoration of rivers, roads, and other infrastructure and speeding up of restoration projects (construction industry initiatives)	JICA Kansai SR33 + 34
		13:30	16:00	L/O	Sediment Disasters and Countermeasures in Rokko Mountains	Rokko Sabo Office, Sabo Dam
26-Nov	Tue	10:00	12:00	L	Initiative of Inagawa River Office (River Basin Disaster Resilience and Sustainability by All)	JICA Kansai SR42
		13:30	15:00	L	Activities on prevention/mitigation of damages by weather disasters in JMA	JICA Kansai SR 42
		15:00	16:30	P	Earthquake Information & Tsunami Warning Service	JICA Kansai SR42
27-Nov	Wed	10:00	12:30	D	Review Session (4)	JICA Kansai SR31 + 32
		13:30	16:00	L	Framework of Earthquake Disaster: Prevention, Mitigation and Restoration of Lifeline Systems	
28-Nov	Thu	9:30	11:30	O	Kamenose Landslide Prevention Project	Kamenose Landslide Museum
		14:30	16:30	O	Kii Sabo (Akatani area), Tanize Suspension Bridge	Akatani district
29-Nov	Fri	9:00	9:30	O	Tsunami Awareness Facility in Shirarahama	Tsunami Awareness facility
		10:00	13:30	L/O	Tsunami Evacuation Plan in Tanabe City, Haya District Tsunami Evacuation Tower, Tsunami Hazard Map in Tanabe City	Tanabe City Hall, Tsunami Evacuation Tower
		13:45	14:30	O	Development of Evacuation Routes Using Road Slopes in Times of Tsunami	Tsunami Evacuation Route in Tanabe City
30-Nov	Sat			N	No Official Schedule	
1-Dec	Sun			N	No Official Schedule	
2-Dec	Mon	10:15	11:30	O	Setagawa River Submerged Weir	Lake Biwa River Office
		12:45	14:30	O	Three streams confluence, Katsura River water control works	Sakura-deai Visitor Center/Katsura river
		14:30	16:00	O	Arashiyama flood prevention work, driftwood stopper	Left river bank of Arashiyama

Date		Time		Type	Subject	Place to Visit
3-Dec	Tue	9:30	11:00	L	Overview of New Urban Improvement Projects (Inland Area Development and Reclamation Projects) in Kobe	JICA Kansai SR33 + 34
		11:15	12:30	L	Reconstruction and Revival of the Port of Kobe	
		13:45	16:30	O	Disaster Restoration of Port and Harbor Facilities at Port of Kobe / Observation from the sea	
4-Dec	Wed	10:00	11:30	O	Canadevia Disaster Prevention Solutions Laboratory	Canadevia Disaster Prevention Solutions
		13:30	14:30	L	Disaster Countermeasure at Ports and Harbors in the Kinki Region	Kinki Coastal Area Disaster Prevention Center
		14:30	16:00	L	Key Wide-Area Disaster Management Base in Sakai Zone 2 of Sakai Senboku Port	Kinki Coastal Area Disaster Prevention Center
5-Dec	Thu	10:00	12:15	L/O	Project for Improvement of Toban Coastal Protection Facilities (L), Okura Beach (O)	Okura Beach
		13:30	16:30	O	Akashi Kaikyo Bridge (Bridge Exhibition Center, Main Tower)	Akashi Kaikyo Bridge
6-Dec	Fri	10:00	16:00	D	Action Plan Preparation (4), (5)	JICA Kansai SR31+32
7-Dec	Sat			N	No Official Schedule	
8-Dec	Sun			N	No Official Schedule	
9-Dec	Mon	10:00	11:30	D	Action Plan Preparation (6)	JICA Kansai SR33 + 34
		15:15	17:00	O	Visit to Peace Memorial Museum, Atomic Bomb Dome	Hiroshima Peace Memorial Park
10-Dec	Tue	10:30	12:00		Torrential Rain Disaster in Hiroshima City	Torrential Rain Disaster Memorial Center
11-Dec	Wed	10:00	16:00	P	Action Plan Presentation	JICA Kansai SR42
12-Dec	Thu	10:00	11:00		Evaluation Meeting	JICA Kansai SR31+32
		11:15	12:00		Closing Ceremony	JICA Kansai Briefing Room
13-Dec	Fri				Departure from Japan	

For Your Reference

JICA and Capacity Development

Technical cooperation is people-to-people cooperation that supports partner countries in enhancing their comprehensive capacities to address development challenges by their own efforts. Instead of applying Japanese technology per se to partner countries, JICA's technical cooperation provides solutions that best fit their needs by working with people living there. In the process, consideration is given to factors such as their regional characteristics, historical background, and languages. JICA does not limit its technical cooperation to human resources development; it offers multi-tiered assistance that also involves organizational strengthening, policy formulation, and institution building.

Implementation methods of JICA's technical cooperation can be divided into two approaches. One is overseas cooperation by dispatching experts and volunteers in various development sectors to partner countries; the other is domestic cooperation by inviting participants from developing countries to Japan. The latter method is the Knowledge Co-Creation Program, formerly called Training Program, and it is one of the core programs carried out in Japan. By inviting officials from partner countries and with cooperation from domestic partners, the Knowledge Co-Creation Program provides technical knowledge and practical solutions for development issues in participating countries.

The Knowledge Co-Creation Program (Group & Region Focus) has long occupied an important place in JICA operations. About 400 pre-organized courses 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 is being customized by the different target organizations to address the specific needs, 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, as the first non-Western nation to become a developed country, built itself into a country that is free, peaceful, prosperous and democratic while preserving its tradition. Japan will serve as one of the best examples for our partner countries to follow in their own development.

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 a process of adoption and adaptation, of course, has been accompanied by countless failures and errors behind the success stories.

Through Japan's progressive adaptation and application of systems, methods and technologies from the West in a way that is suited to its own circumstances, Japan has developed a storehouse of knowledge not found elsewhere from unique systems of organization, administration and personnel management to such social systems as the livelihood improvement approach and governmental organization. It is not easy to apply such experiences to other countries where the circumstances differ, but the experiences can provide ideas and clues useful when devising measures to solve problems.

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 Embassy of Japan.

Further, address correspondence to:

JICA Kansai Center (JICA Kansai)

Address: 1-5-2, Wakinohama-kaigandori, Chuo-ku, Kobe, Hyogo 651-0073, Japan

TEL: +81-78-261-0386/0341 FAX: +81-78-261-0342

("81" is the country code for Japan, and "78" is the local area code)