



Face-to-Face (in Japan)

Knowledge Co-Creation Program (Group and Region Focus)

Water Purification and Water Supply Management for Achieving WaterSecurity



Course Number: **202515150J001**

Course Period: **November 11 - December 12 2026**



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.



How do we achieve Water Security?

Learn about
Water Supply Management
And
the adoption of optimal water purification
methods according to regional characteristics
with a focus on Slow Sand Filtration



Outline



This program is designed for the person who is engage in the field of water supply in governmental organizations or Water supply authorities to learn about Japanese practice to solve the problem of water supply

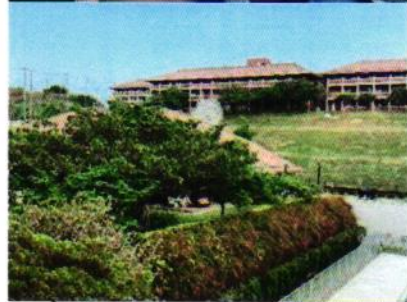
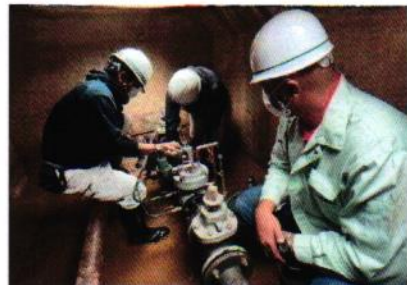


The program will be held in Okinawa.

All sessions are carried out in English.

The period of the program is from November 11 to December 12 2026.

Course Capacity: 14 participants



JICA Knowledge Co-Creation Program (KCCP)

The Japanese Cabinet released the Development Cooperation Charter in February 2015, stated 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 foundation of mutual learning process.

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For What?

Background

There is no doubt that water is essential for human survival and water demand is increasing due to the growing population, expanding economic activities.

Many developing countries, especially which has remote island or/and remote area, however, have challenges for safety and stable water supply. Okinawa faced problems such as rapidly increasing water demand, droughts, and water pollution, but it was able to cope with these problems by making use of scientific knowledge including Slow Sand Filtration (Ecological Purification System:EPS), developing Water supply services systems.

This program introduces the experience and know-how to share for the solution of problem of water supply.

Objectives

Participants will be able to

1. Understand the Okinawa's water resource management system to improve their ability of managing the water resource, water works, and non-revenue water

2. Utilize practically the theory and technology of small scale water purification system in Slow Sand Filtration (EPS)

To Whom?

Job Areas and Organizations

This program is designed for person who is presently in a management position or a senior engineer in the field of water supply in relevant organizations such as governments or water authorities, and who will be engaged in this field.

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

Target Countries

Angola, Gambia, Guyana, Timor-leste, Micronesia, Pakistan, Solomon Islands, and Vietnam (and other caribbean countries)

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

When?

Course period:

From November 11, 2026
to December 12, 2026

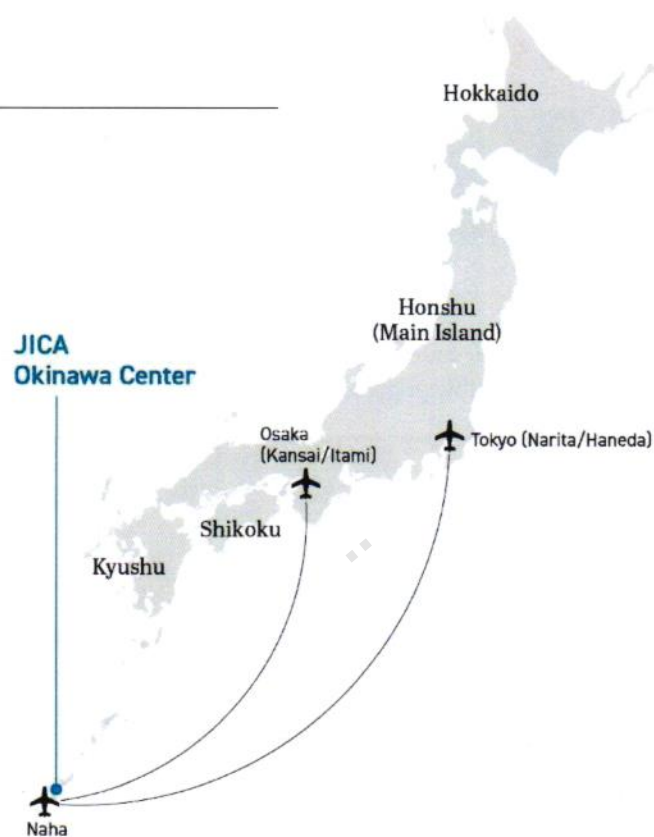
Period of Technical Training:

From November 16, 2026
to December 11, 2026



Where?

This course is carried out in Okinawa,
Japan, organized by the JICA
Okinawa Center.



How?

How to Learn

- Lecture
- Presentations
- Discussions
- Observation Tour
- Interactive Q&A Session



Watch



Listen



Discuss



Present



Interact



Experience



Study

Language

English

Commitment to the SDGs



This course consists of the following components. Details on each component are given below. Please note that the program is tentative.

Modules	Subjects/Agendas	Methodology
1) Measurement for Non-revenue water and Technics of water supply management by Okinawa waterworks.	(1) Theory and practice for Water leakage Measurements (2) Pressure management (3) Asset management method and Tap water meter (4) Pipeline construction, Planning and Implementation (5) Water Qualities Control (6) Awareness program for water usage to general public.	Lecture Observation and Exercise

2) Water resources management for the drink and life usage.	(1)Case of water resource management in Okinawa Prefecture (2)From water source to tap water in Okinawa (3)Field visits to water sources, water intakes, water supply, purification center and water supply (4>About rapid filtration system and slow filtration system.	Lecture, Observation and Exercise
3) Small scale water purification by Slow Sand Filtration (Ecological Purification System:EPS) and the adoption of optimal water purification methods according to regional characteristics.	(1)Theory of EPS water purification and case study (2)EPS site inspection in the natural world (3)Production practice by bucket model (4)Various optimal optimal water purification methods(seawater desalination systems and rapid sand filtration system)	Lecture, Observation and Exercise
5) Participants make draft plans for coping with the issues facing	Action plan making and Presentation	Exercise Discussion

Week 1

- Briefing and Program orientation
- Inception report presentation and Understand the current situation of each country
- Lectures and practice of the EPS Model

Week 2 to 3 Week

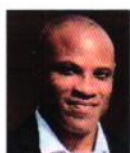
- Lectures, discussions and field visits
- Identifying your action

Week 4

- Review of the training
- Brushing up and Presentation of Action Plan

Voice

Past(FY2025) Program Alumni Comments



Mr. JOSEPH Anthony Junior (Saint Lucia)
Supervisor,
Water Services -Leak Detection, Water and Sewerage Company Inc.
(WASCO)

My reason in joining this program was to learn new technologies and methods relating water management, however, the knowledge acquired was beyond my expectation. Learning the history and evolution of the water sector of Okinawa gave a renewed perspective of our local water sector and how we can apply the knowledge gained to better manage our water network. Dr Nakamoto's knowledge and experience in Ecological Purification system is priceless; offering solutions that can be applied within our region which creates a chain reaction of benefits and allows an avenue for be further enhancement . The program was a great experience, factoring various ways of securing a countries water supply, reducing non-revenue water and security a countries future of a more sustainable water sector.



Ms. WILSON Sharon Michelle (Barbados)
Senior Engineer, Non-Revenue Water, Barbados Water Authority

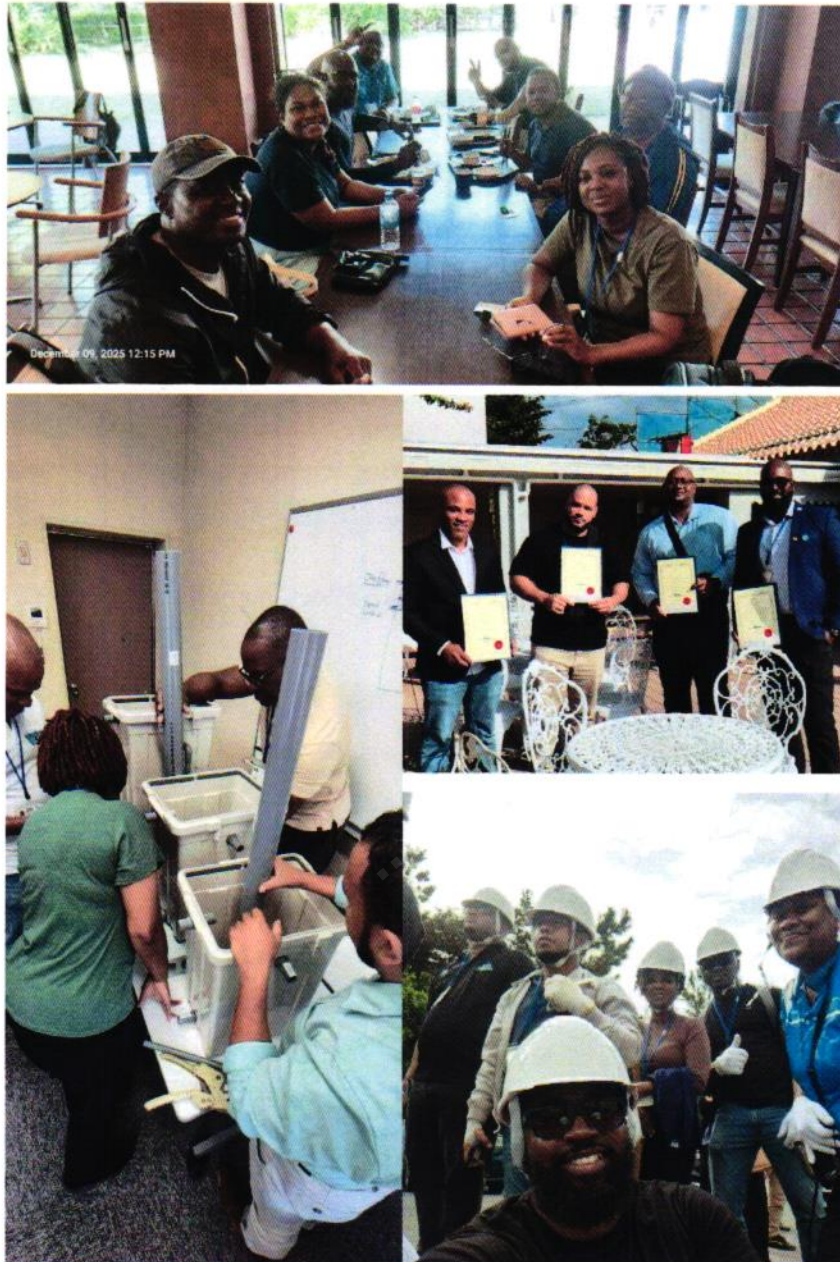
I was selected for the KCCP Program in Okinawa to help build our organization's institutional capacity, specifically to gain expert guidance for developing our Non-Revenue Water (NRW) Department. The program's primary takeaway was discovering new ways to improve operational efficiency. Observing Okinawan water utilities firsthand highlighted the substantial investment and strategic input required for effective water resource management. Consequently, we have begun revising the NRW Department's strategy to incorporate these efficiencies where possible."



Mr. AMARAL XIMENES Hipolito (Timor-Leste)
Manager of Environmental and Quality Control,
Environmental and Quality Control Department, BTL,EP

Joining the KCCP program in Okinawa was a valuable and inspiring experience for my professional career in the water sector. The program provided practical knowledge on water

purification, operation and maintenance, non-revenue water control, and Japan's best practices in water supply management. The learning environment, field visits, and support from Dr. Nakamoto and JICA staff were excellent. After returning to Timor-Leste, we started applying and promoting several simple water treatment approaches to improve community water safety and utility operations.



Eligibility and Procedures

1. Expectations to 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) Participating organization are expected to support the participants to engage in the program actively including the activity on preparatory phase.
-

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 the course to accelerate the realization of gender equality and women's empowerment.

(1) Essential Qualifications

- 1) Current Duties: be engaged in water supply services as a member of central/local waterworks, water supply co-operatives or NGOs.
- 2) Experience in the Relevant Field: working experience in the field of water supply services is highly desirable.
- 3) Educational Background: be a graduate of university/technical college or equivalent, preferably majored in water engineering
- 4) Language Proficiency: Participants are required conversation and literacy skills

in English

5) Health: must be in good health to participate in the program in Japan.

Participant's health and safety should be most respected. Pre-existing conditions¹ 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 resolved (including serious conditions affecting the heart, liver, or brain; tuberculosis, etc.)
- d. Pregnancy (for female applicants)

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 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.

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

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.

(2) Recommended Qualifications

1) Expectations for the Participants: be present in a management position or a senior member in the field of water supply services or waterworks, and the relevant sector who engaged in this field consecutively.

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

3) 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 assistances 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:** You should submit it with the application form if you possess your passport which you will carry when entering Japan for this program. If not, you are requested to submit its photocopy as soon as you obtain it.

*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:** to be submitted with the application form, if the nominees have any official English examination scores. (e.g., TOEFL, TOEIC, IELTS)
- (4) **Inception Report:** to be submitted with the application form. Fill in Annex of this General Information.
- (5) **Water Supply Service Information Sheet:** to be submitted with the application form. Fill out the attached Excel sheet "Water Supply Service Information Sheet" of this General Information. The applicant without this report will not be on the selection process of the course. (*Application form should be type written only.)

4. Procedures for Application and Selection

(1) Submission of the Application Documents

Closing date for applications: **Please confirm the local deadline with the JICA overseas office (or the Embassy of Japan).**

(All required material must arrive at JICA Center in Japan by **September 16, 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 not

later than October 16 2026.

5. Conditions for Participation

The participants of KCCP are required

- (1) to strictly observe the course schedule,
- (2) not to change the air ticket (and flight class and flight schedule arranged by JICA) and lodging by the participants themselves,
- (3) 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),
- (4) not to bring or invite any family members (except for programs longer than one year),
- (5) 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,
- (6) to observe the rules and regulations of the program implementing partners to provide the program or establishments,
- (7) not to engage in political activities, or any form of employment for profit,
- (8) 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 "3.Expenses", "Administrative Arrangements",
- (9) 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,
- (10) not to drive a car or motorbike, regardless of an international driving license possessed,
- (11) to observe the rules and regulations at the place of the participants' accommodation, and
- (12) to refund allowances or other benefits paid by JICA in the case of a change in schedule.
- (13) 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 Okinawa Center (JICA OKINAWA)
- (2) Program Officer: Mr. Nishihara Kohei (oiacttp@jica.go.jp)

2. Implementing Partner

- (1) Name: TBD
- (2) URL: 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.

4. Accommodation in Japan

Basically, JICA will arrange the following accommodation(s) for the participants in Japan:

JICA Okinawa Center (JICA OKINAWA)

Address: 1143-1, Aza-Maeda, Urasoe-shi, Okinawa-ken 901-2552, Japan

TEL: +81-98-876-6000 Fax: +81-98-876-6014

(where "81" is the country code for Japan, and "98" is the local area code)

If there is no vacancy at JICA OKINAWA, JICA will arrange alternative accommodation(s) for the participants.

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 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 “KENSU-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

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.

Part I: Knowledge Co-Creation Program and Life in Japan	
English ver.	https://www.youtube.com/watch?v=SLurfKugrEw
Part II: Introduction of JICA Centers in Japan	
JICA Okinawa	https://www.jica.go.jp/okinawa/english/office/index.html

If the link of these URLs has expired, please access the URL below and search the necessary information from the key word.

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

(3) Reference

PDF: KENSU-IN GUIDE BOOK

For more detailed terms and conditions

<https://jica-van-cms.jica.go.jp/custom/kccp/kccp01.html>

Video: JICA Predeparture Briefing

For more information on life in Japan and KCCP

<https://jica-van-cms.jica.go.jp/custom/kccp/kccp01.html>

Website: JICA

English/French/Spanish/Russian

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

The Climate of Okinawa

<https://www.climatestotravel.com/climate/japan/okinawa>

Annex

COUNTRY AND JOB REPORT

Name: _____ **Country:** _____

[Purpose for formulating Country and Job Report]

Following is the forms of Country & Job Report. Nominees are kindly requested to formulate a Report based on it. Electronic report form is available at JICA office or the Embassy of Japan in your country.

Participants are kindly requested to bring materials with them such as photographs, booklets / brochures, guide books etc. of the following topics for Country & Job Report / action plan presentation. Electronic data are recommended.

- Governmental organization chart
- Information and statistics related
- Results and lessons of related projects conducted in the Water Management sector
- Information of related organization (Ministries, local government NGOs, etc.)

1. Basic information of the participant

1-1. Full Name	[Family]	[First]	[Middle]
1-2. Country			
1-3. Education & Job record (Please state the university or college and department which you have graduated,	Period	University & Degree / Organization & Job Title	
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	--		

as well as organizations you have worked for before present organization)	--	
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2. Country description (Please describe based on the latest sources)

2-1. General Statistics on your country

(Ex.)

- Area, population, GDP/person
 - The number of people engaging in water sector
 - Major species
- etc.

2-2. Outlines of the present situation in your country

2-3. Major problems and caused consequences that your country currently faces

3. Job description (Please describe as clearly and minutely as possible)

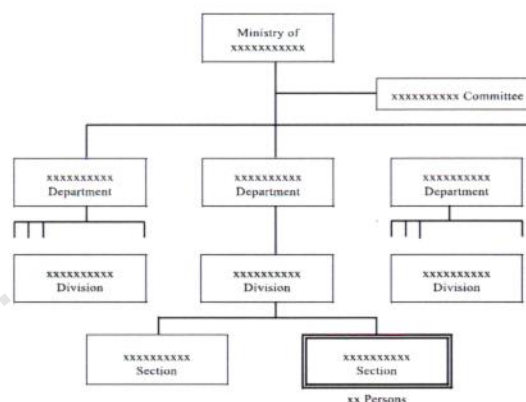
3-1. Description of your organization

(1) Roles and responsibilities of your organization

(2) Organization Chart

Referring to the example, draw the chart of your organization (Organization Chart Example) and indicate your department / division/section with double line.

(If it is difficult to incorporate into this form, you can attach Organization Chart separately.)



(3) Problems and caused consequences that your organization currently faces

(4) Description of related authorities with your organization (rolls, responsibilities and demarcations)

3-2. Description of your job in your organization	
3-2-1. Present Job	
(1) Position	
(2) Main actual activities and their objectives	

(3) Related person or organization in activities	
(4) Constraint / disincentive in performing of your job	
(5) Countermeasures taken (or, will be taken) against constraint / disincentive in (4)	
(6) Results (or expected effects) emerged through countermeasures in (5)	

3-2-2. Previous Job (Please describe your <u>previous related job</u> if any. If you have never changed, or your previous job was not related to water sector at all, you can skip these items.)	
(1) Position	
(2) Main actual activities and their objectives	
(3) Related person or organization in activities	
(4) Constraint / disincentive in performing of your job	

(5) Countermeasures taken (or, will be taken) against constraint / disincentive in (4)	
(6) Results (or expected effects) emerged through countermeasures in (5)	

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 Okinawa Center (JICA OKINAWA)

Address: 1143-1, Aza-Maeda, Urasoe-shi, Okinawa-ken 901-2552, JAPAN

TEL: +81-98-876-6000, Fax: +81-98-876-6014

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