

ديوان الخدمة المدنية



الرقم ٢٥٠٣/١١/٧٥
التاريخ
الموافق ٢٠٢٣/٩/٢٦

معالي
عطفة

تتوافر لدى ديوان الخدمة المدنية دورة تدريبية مقدمة من الحكومة اليابانية/جاياكا والتي تعقد خلال الفترة ما بين ٢٠٢٣/٧/٢٩-٦/٤ بعنوان:
"Comprehensive Engineering on Water Supply Systems (B) Practical Training for Water Supply System"

وعلى نفقة الحكومة اليابانية بما في ذلك تذكر السفر ذهاباً وإياباً ولمرة واحدة فقط .

يرجى ترشيح موظفين اثنين للمشاركة فيها أو الاعتذار خطياً عن الترشيح في موعد أقصاه ٢٠٢٣/٣/١٤ وتزويد الديوان بالتعميم الداخلي الصادر للإدارات والفروع والمديرية المختلفة وأسماء جميع المتقدمين وآلية التفاضل للاختيار من بينهم وضمن الشروط التالية:

- ١- أن تطبق على المرشح شروط المادة (١٢٧) من نظام الخدمة المدنية رقم (٩) لسنة ٢٠٢٠ .
- ٢- أن يكون لديه مؤهل وخبرة في مجال الدورة وحسب المبين في المرفق .
- ٣- إتقان اللغة الإنجليزية ويفضل أن يكون حاصلاً على أي من الامتحانات التالية (TOEFL , ALIGU , IELTS) .
- ٤- أن يكون لديه مهارات استخدام برامج التواصل وتكنولوجيا الحاسوب .
- ٥- يفضل ان لا يتجاوز عمر المرشح (٤٠) عاماً .
- ٦- سيطلب من المشارك تقديم عرض مرئي لزملائه في العمل بحضور ممثلين من جاياكا .
- ٧- تعبئة وإرفاق ورقة المعلومات الخاصة بالمرشحين للمشاركة في دورة تدريبية بشكل كامل ودقيق .
- ٨- إرفاق نسخة من نموذج الترشيح معاً حسب الأصول والوثائق المطلوبة وصورة عن جواز السفر والمبينة في نشرة المعلومات الخاصة بالدورة .
- ٩- مراعاة كافة شروط وتعليمات الجهة المانحة والمبينة في (المرفق) .

ويمكن الإيعاز لموظفيكم لزيارة موقع الديوان على الإنترنت www.csb.gov.jo و (ديوان-الخدمة-المدنية-الأردن) [www.jica.go.jp](http://http://www.jica.go.jp) للاطلاع على المزيد من المعلومات المتعلقة بالدورة والحصول على نماذج الترشيح وتعبئتها بالشكل المطلوب ، هذا ولن يتم النظر في أي طلب مخالف للشروط الواردة في نص المادة (١٢٧) من نظام الخدمة المدنية أو شروط الجهة المانحة ، علماً بأنه سيتم الإيعاز لمن يقع عليه الاختيار لمراجعة وزارة التخطيط والتعاون الدولي لتزويدهم بالنماذج والوثائق المطلوبة واستكمال إجراءات الترشيح .

وتفضلوا بقبول فائق الاحترام ،،،

رئيس ديوان الخدمة المدنية

سامح الناصر

لسمعة معالي وزير التخطيط والتعاون الدولي
لسمعة مديرية تنمية القوى البشرية
دارد (٧٥٣٥)



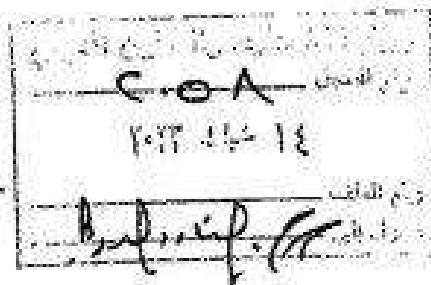
Japan International Cooperation Agency Jordan Office

Emmar Towers, 196 Zahran Street (6th Circle), Amman, Jordan
Post Address: P.O. Box 926355, Amman 11190, Jordan
Tel 962-6-585-8921/22/23 | Fax 962-6-585-8924

Date: 13 February 2023

Ref.: JICAJD202302130001

H.E. Ms. Zeina Toukan
Minister of Planning and International Cooperation



Excellency,

It is our pleasure to inform your Excellency that the Knowledge Co-Creation program in **"Comprehensive Engineering on Water Supply Systems(B) Practical Training for Water Supply System"** will be held in Japan from June 4, 2023 to July 29, 2023. The Program includes sites visits in Japan, workshops and group discussions with participants from other countries.

Since the program is targets to waterworks expert, professional engineer including junior engineer and officer of central and local government organizations, it would be grateful if the Ministry could kindly forward the attached General Information to the Ministry of Water and Irrigation, and the Water Authority of Jordan to nominate an appropriate candidates.

Moreover, it would be appreciated if the Ministry could take necessary measures so that one original copy of Application Form, Job Report and a copy of Passport for applicant could reach JICA Office not later than April 1, 2023.

Please notice that the qualifications of applicants and other related issues for the course are mentioned in the attached General Information and the applicant(s) is / are requested to submit a copy of certificate of English Language Test (TOEFL, TOEIC, IELTS,) with the Application Form.

Furthermore, while this program aims participants to learn comprehensive measures and techniques for waterworks in supplying safe and drinkable water continuously, the participant is requested to conduct a presentation to his/her colleagues after his/her return to Jordan with attendance from JICA Jordan Office, in order to disseminate the knowledge acquired

Your kind attention would be highly appreciated.

Sincerely,

WAKUI Junji
Chief Representative



Face-to-Face (in Japan)

Knowledge Co-Creation Program (Group and Region Focus)

Comprehensive Engineering on Water Supply Systems(B)

Practical Training for Water Supply System



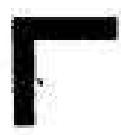
Course Number: 202210197J001

Course Period: June 4- July 29, 2023



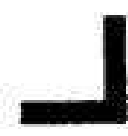
NOTE: If there are any difficulties in reading this document, please contact JICA Office in your country or JICA Center in Japan.

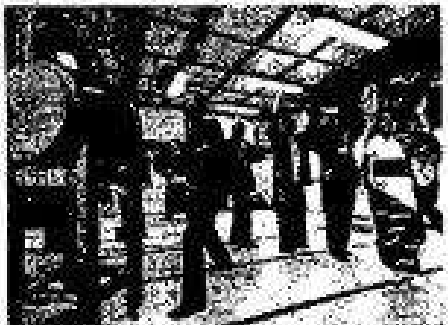
NOTE: Depending on the circumstances, some or all of the program periods may be changed or cancelled after the application has been accepted.



How do we tackle the bottlenecks to supply safe and continuous water?

Learn various and valuable assets of
waterworks experiences in City of Sapporo.





Outline

This program is designed for governmental, semi-governmental, or corporate organizations in charge of public water supply with urban water supply system to learn comprehensive measures and techniques for waterworks in supplying safe and drinkable water continuously.

The sessions will be held in Japan.

All sessions are carried out in English.

The period of the program is from June 4 to July 29, 2023.

Course Capacity: 4 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

It is critically important to supply safe and drinkable water from the point of view of Basic Human Needs; however, its resource distribution is extremely skewed in respective countries.

United Nations estimates that one-thirds of world population has still limited access to proper water supply; forcing more than one billion people without safe drinking water due to insufficient management and technical capacity, financial arrangements, public awareness activities and so on.

Objectives

Participants learn comprehensive measures and techniques for waterworks in supplying safe and drinkable water continuously.

To Whom?

Job Areas and Organizations

This program targets to waterworks expert, professional engineer including junior engineer and officer of central and local government organizations.

Targeted Countries

Iraq, Jordan, Yemen, Mozambique

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



When?

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.

Where?

This course is carried in Hokkaido, Japan, organized by JICA Hokkaido Center.

Waterworks Bureau , City of Sapporo is the major implementation partner of this program and it has a long and rich experience of JICA training program.

Programme In Japan

June 4 to July 29, 2023



How?

How to Learn

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



Watch



Listen



Experience



Study



Chat



Discuss



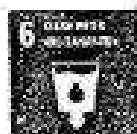
Present

Language

English

Commitment to the SDGs

**SUSTAINABLE
DEVELOPMENT
GOALS**



Program Structure

This program consists of the following components.

(1) Preliminary Phase in a participant's home country

Participating organizations make required preparation for the Program in the respective country.

1) Job Report (Closing Date: April 14, 2023)

-Preparation of YOUR Job Report under consultation within YOUR ORGANIZATION

※See Annex for Job Report Instruction



JICA Knowledge Co-Creation Program (Group and Region Focus)
Comprehensive Engineering on Water Supply Systems(B) Course No. 202210197-3001

2) On-line learning through on-demand movies

It is highly recommended to learn through these movies BEFORE the departure to Japan, although the participants may have some chances of on-line learning during the stay in Japan. The links to the movies will be sent the participants after the selection.

a) Outline of waterworks of Sapporo and Japan

- Water Supply in Sapporo
- 50 years of Sapporo Water Works
- Water Supply in Japan

b) Water supply planning

- Waterworks Planning
- Water Demand Forecasting

c) Water treatment

- Fundamentals of Water Treatment Processes
- Operation Management of WPP
- Maintenance of WPP
- Computer Monitoring and Control
- Water Quality Management
- JarTest
- Chemical Feed
- Moiwa WPP Field Trip

d) Water distribution

- Maintenance and Management of High Zone Distribution Facilities
- Application Example of Computer Control System for Distribution Network
- Leak Prevention
- Water Leak Prevention Work
- Distribution Pipe Installation Plan
- Block Distribution
- Distribution and Service Pipes Management System Mapping and Filing
- Design and Estimate of New Installation of Distribution Pipes
- Distribution Pipe Installation Works

e) Others

- Promotion of Environmentally-friendly Management
- Hydropower Generation run by Sapporo Waterworks Bureau
- Water Charge System
- Sapporo Waterworks Museum (Virtual Reality)



(2) Core Phase In Japan ※contents are subject to minor change
(June 4 to July 29, 2023)

1) Introduction to water supply planning, water resources and water intake

Water source

- Water quality control
- Visit to dam, lake and deep well-Water source development & water problems caused by algae
- Design of pumping facilities for water well
- Drilling technology for water well
- Water quality assessment with Aquatic Organisms

2) Water quality management and water purification technologies

- Water purification plant
- Sludge treatment plant
- Integrated Operation of water purification plant
(Control Room, back washing of filter, startup & finishing of water treatment plant, jar-test, injection of chemicals)
- Mechanism of water purification process
- Maintenance of water purification plant
- Design of water purification plant
- Advanced water purification (Ozonation and UF membrane)
- History of water quality management
- Water safety plan

3) Water delivery and distribution, and countermeasure against water leakage

- Water supply & distribution in Sapporo
- Distribution reservoir, pumping station, flow meter
- Pipeline maintenance
- Distribution pipe laying plan
- Design & quantity calculations for new installation of distribution pipes
- Construction site of distribution/service pipes
- Network analysis of distribution pipes (EPANET)

Administrative Arrangements

1. Organizer (JICA Center in Japan)

- (1) Center: JICA Hokkaido (Sapporo)
 - (2) Program Officer: Mr. MATSUMOTO Kenichi (Matsumoto.Kenichi@jica.go.jp)
-

2. Implementing Partner

- (1) Waterworks Bureau, City of Sapporo
<http://www.city.sapporo.jp/suido> (Japanese Only)
 - (2) HIECC (Hokkaido International Exchange and Cooperation Center)
<http://www.hiecc.or.jp/index.asp>
-

3. Expenses

The following expenses in Japan will be provided by JICA

- (1) Allowances for meals, living expenses, outfits, and shipping 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 "KENSU-JIN 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

4. 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
https://www.youtube.com/watch?v=SLurfKugrEw
Part II: Introduction of JICA Hokkaido Center
https://www.jica.go.jp/sapporo/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>

5. Reference

PDF: KENSHU-IN GUIDE BOOK

For more detailed terms and conditions

https://www.jica.go.jp/english/our_work/areas_of_assistance/tech/acceptance/training/c8b0c000011007-00/0000_00.pdf



Video: JICA Predeparture Briefing

For more information on life in Japan and KCCP

<https://www.youtube.com/watch?v=SLurfKugrEw>



Website: JICA

English/French/Spanish/Russian

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



PDF: Facility Guide for JICA Hokkaido Center

English/French/Spanish/Russian



JICA Knowledge Co-Creation Program (Group and Region Focus)
Comprehensive Engineering on Water Supply Systems(8) Course No. 202210197-3001

<https://www.jica.go.jp/success/english/offices/about/offices.html>



Video: Welcome to JICA Hokkaido
Introduction of JICA Hokkaido

<https://youtu.be/7Tw5Dm304>



Annex

JOB REPORT

Applicants are required to prepare and submit a “Job Report” with Application Form.

The report should be prepared in English and in the format of Microsoft Power Point since all the participants are expected to make a presentation on it after starting course. In addition, since all the reports will be translated into Japanese in advance, your prompt submission of the report will be highly appreciated. Expected contents of the report are given below:

1. Purpose

To introduce, and share information about your situation and issues of waterworks management with lecturers and participants.

2. INSTRUCTIONS:

- 1) Should be written in English by using such as Microsoft PowerPoint” etc.

Hand writing is unacceptable.

- 2) Should cover ALL “Items” below

- 3) If applicant’s organization does not have water supply system, such as Ministry of Water and/or its branch office in region, please select one city water company where applicant’s office is located or which applicant try to improve.

- 4) Based on the Job Report, every participant will have around 10 minutes to give an oral presentation at the beginning of the course.



3. The following items should be included on your Job Report using such as Microsoft PowerPoint

- 1) Your country, name and present position
- 2) Current issue related to the water supply system in your targeting area and the main Strategies to overcome it
- 3) Most critical issue which your division (section, unit, team, etc.) aims to find the solutions
- 4) The mandate/The duty which you are engaged in for a solution to above mentioned issue
- 5) Future project/plan which participants are likely to be involved.
- 6) Your expectation from this training program specifically

NOTE: It is highly recommendable for participants to send PHOTOS (especially those which clearly show the problems in water supply system). Please be advised to include the detailed "PHOTOS" which clearly show the water supply system or relevant materials, which will be highly useful to know the situation of water system you're in charge area.

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 Hokkaido Center (JICA Hokkaido (Sapporo))

Address: Minami 4-25, Hondori 18-chome, Shiroishi-ku, Sapporo, Hokkaido, 003-0025, Japan

TEL: +81-11-866-8393 FAX: +81-11-866-8382

(*81* is the country code for Japan, and *11* is the local area code)

Management Members

Waterworks Bureau , City of Sapporo

Mr. AKITA Hiroshi

Chief Engineer for technical training division

He is hygiene engineer (His speciality is water quality.). He has been engaged in JICA KCCP program for more than 10 years and has visited City of Kathmandu and Pokhara in Nepal. He is the project manager of partnership project with Nepal Water Supply Corporation.



Mr. OGAWA Yamato

Engineer for technical training division

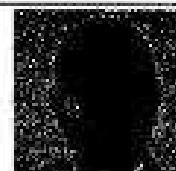
He is civil engineer. He has been engaged in JICA Knowledge Co-Creation Program (KCCP) for 3 years. He is in charge of planning , preparing and implementing technical trainings for bureau staff and foreign engineer.



Mr. NAMIKI Sota

Engineer for technical training division

He is civil engineer. He has been engaged in JICA KCCP program for 1 year. He is in charge of planning , preparing and implementing technical trainings for bureau staff and foreign engineer.



HIECC(Hokkaido International Exchange and Cooperation Center)

Mr. MORIUCHI Takeo

Program Organizer

He has many experience of JICA KCCP program in Hokkaido.



Training Coordinator

Mr. SUGAI Yoshito

He has extensive experience in coordinating the KCCP program , and has been the Training Coordinator for many courses including water sector.



Program Officer

Mr. MATSUMOTO Kenichi

JICA, Hokkaido Center

Message: 'Greetings from Japan! Somebody says 'a drop of water is worth more than a sack of gold to a thirsty man' In this program, we focus on how we can assure that most precious resources for us is available at any time, any volume and at reasonable price. Let's gain a new perspective on your work through discussions with the lecturer and other participants!



Eligibility and Procedures

1. Expectations to the Applying Organizations

- (1) This program 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) As this program is designed to facilitate organizations to come up with concrete solutions for their issues, participating organizations are expected to make due preparation having their participants attend by carrying out the activities of the Preliminary Phase described in Program Structure.
- (4) Participating organizations are also expected to make the best use of the results achieved by their participants by carrying out the activities of the Finalization Phase described in Program Structure.

2. Nominee Qualifications

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

(1) Essential Qualifications

- 1) Current Duties: waterworks engineers
- 2) Experience: have at least three (3) years of practical experience for those university graduate or equivalent; OR at least seven (7) years of practical experience for those polytechnic graduates or equivalent
- 3) Educational Background: be university graduates or have equivalent: technical qualifications in waterworks engineering.

- 4) Language: have a good command of spoken and written English which is equivalent to TOEFL CBT 200 or more (This programs includes active participation in discussions, an action plan development. Thus requires good competence of English ability. Please attach an official certificate for English ability such as TOEFL, TOEIC etc., if possible).
※Past programs have shown that participants without a functional command of English find themselves unable to make progress in this training program.
- 5) Health: must be in good health to participate in the program in Japan. To reduce the risk of worsening symptoms associated with respiratory tract infection, please be honest to declare in the Medical History (QUESTIONNAIRE ON MEDICAL STATUS RESTRICTION of the application form) if you have been a patient of following illnesses; Hypertension / Diabetes / Cardiovascular illness / Heart failure / Chronic respiratory illness.

(2) Recommended Qualifications

- 1) Age: Less than forty (40) years old is desirable
- 2) 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).
- (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.
*Photocopy should include the followings:
Name, Date of birth, Nationality, Sex, Passport number and Expire date.
- (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) Job Report (ANNEX): to be submitted with the application form.

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 April 14, 2023)

(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 May 8 2023.

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 immoral conduct, 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.

- Pipe manufacturing plant (ductile & PE)
 - Metering, settlement, charge collection, call center, metering site
 - Leak prevention planning
 - Detection of leak prevention
- 4) Case study, effective water supply mechanism - roles of public administration, regulations, management body, tariff system and human resource development
- Outline of water supplies in Japan and Sapporo
 - Sustainable Water Management -Asset management for water supply
 - Planning and demand projection
 - Eco-friendly water supply business
- 5) Presentation of Action Plan
- *You will be able to make a feasible action plan that solves challenges in your division (section, unit, team, etc.) by the end of this course referring to the above module.

Problem Identification

- Job Report presentation
- Problem Analysis
- Group discussion
- Review discussion

Action Plan

- Lecture for the importance
- Mid-term consultation
- Finalizing consultation
- Presentation

(3) Post-Core Course Phase in a participant's home country

((October 2023 to September 2024))

Participating organizations get feedback and recommendations from the participants through sharing the Action Plan.

