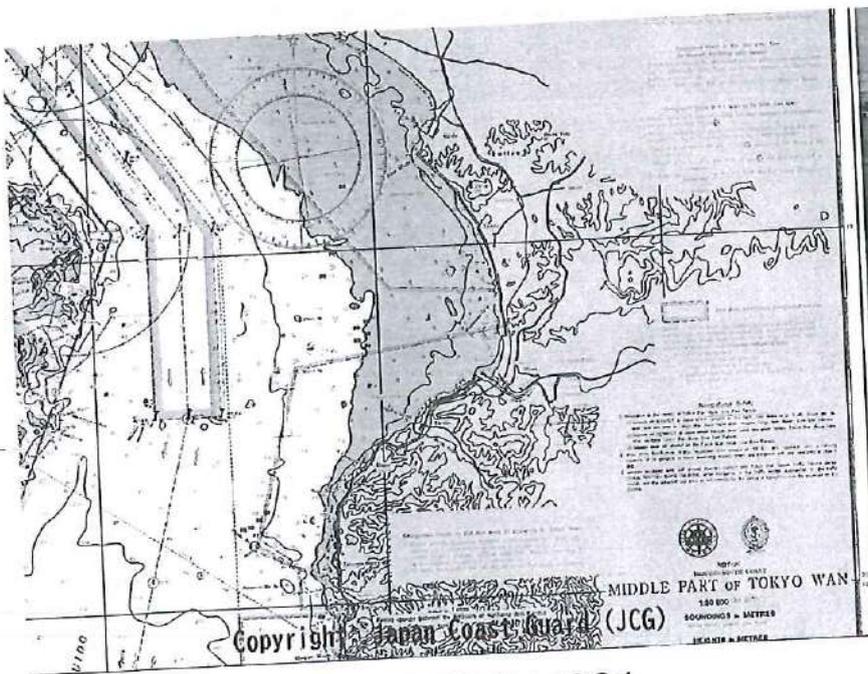


Knowledge Co-Creation Program (Group and Region Focus)

Hydrography for Charting and Disaster Management (Internationally Accredited Category B)



Course Number: 202515094J001

Course Period: July 5, 2026 - December 18, 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.
NOTE: Depending on the circumstances, some or all of the program periods may be changed or cancelled after the application has been accepted.

For JICA applications download: ERD website

Deadline of KCCP application in
JICA Sri Lanka office is...07/04/2026



海図作製技術－航行安全・防災のために－（国際認定資格B級）



JICA Knowledge Co-Creation Program (Group and Region Focus)
Hydrography for Charting and Disaster Management (Internationally Accredited Category B)
Course NO. 202208396J001



How does
nautical chart
contribute to the
growth of trade
and safety of
maritime traffic?

Gain insight to how nautical chart is utilized for
economic prosperity and the safety of
maritime traffic.



Outline

This program is designed for officials who are responsible for hydrographic survey or nautical chart to be certified to Internationally Accredited Category B for Hydrographic Survey.

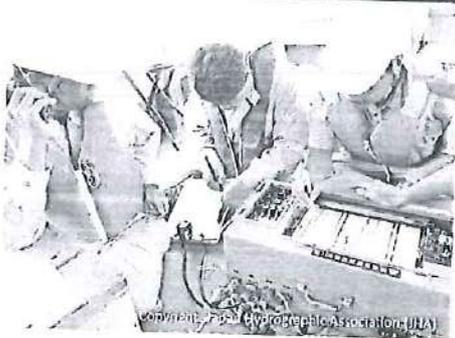
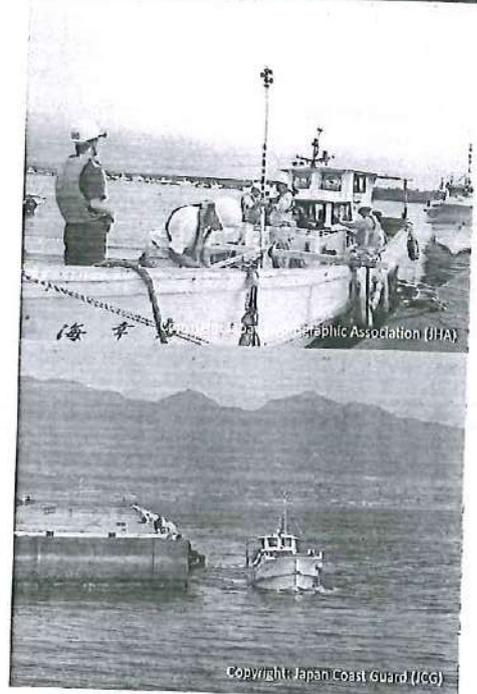
The sessions will be held in Japan. This program includes lectures, self-study, discussions and practical trainings with surveying equipment.

All sessions are carried out in English.

Program Period in Japan:

July 5, 2026 to December 18, 2026

Course Capacity: 7 participants



JICA Knowledge Co-Creation Program (KCCP)

The Japanese Cabinet released the Development Cooperation Charter in June 2023, 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.

Table of Contents

For What? (Background, Objectives)	7
To Whom? (Job Areas and Organizations, Targeted Countries)	7
When? (Face-to-Face Program Period)	8
Where? (Place Where the Program Take Place)	8
How? (How to Learn, Language, Commitment to the SDGs, Expected Module Output)	9
(Module)	10
(Equipment to be Provided).....	11
(Management Members)	12
Voice (Past Program Alumni Comments)	13
Eligibility and Procedures (Expectations to the Applying Organizations, Nominee Qualifications)	14-15
(Required Documents for Application)	16
(Procedures for Application and Selection)	16-17
(Conditions for Participation)	17-18
Administrative Arrangements (Organizer (JICA Center in Japan), Implementing Partner, Travel to Japan, Accommodation in Japan, Expenses, Pre-departure Orientation, Reference)	19-21
Annex I (Country Report)	22-23
Annex II (Questionnaire)	24-27
For Your Reference (JICA and Capacity Development, Japanese Development Experience)	28
Correspondence (For Enquiries and Further Information)	30



For What?

Background

Hydrographic survey and nautical chart preparation techniques are essential for maritime traffic safety and sustainable growth of seaborne trade. It is also important for disaster management planning as well as maritime environmental preservation measures against large-scale disasters, such as tsunami and oil spill incidents.

Objectives

To be certified to Internationally Accredited Category B after acquiring the hydrographic survey techniques, and understanding the utilization of hydrographic data.

To Whom?

Job Areas and Organizations

This program is offered to mid-level engineers who belong to the government or government-affiliated agencies, which are in charge of hydrographic surveys or nautical chart.

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

Targeted Countries

Philippines, Cambodia, Vietnam, Pakistan, Sri Lanka, Vanuatu, Palau

*There may be additional participation from the unlisted countries.

Participants who have successfully completed the program will be awarded Internationally Accredited Category B for Hydrographic Survey by Japan Coast Guard (JCG) and a certificate by Japan International Cooperation Agency (JICA).



When?

Program Period

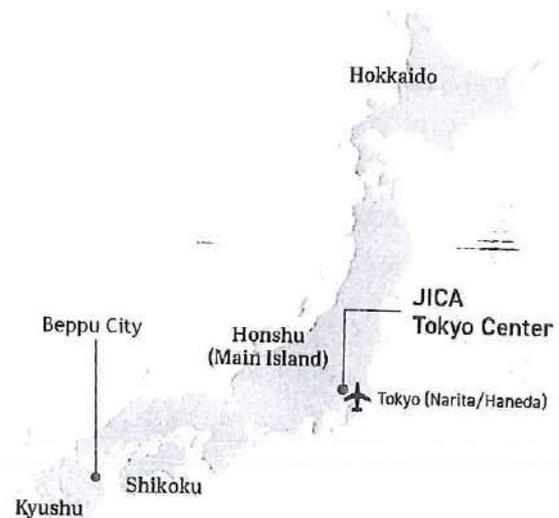
From July 5(Sunn), 2025 to
December 19(Fri), 2026



Where?

This program is carried out in Japan, organized by JICA Tokyo Center. In the middle of the program, a month-long surveying practice is scheduled in Beppu City, Oita Prefecture.

You can enjoy not only face-to-face learning experience with other participants from all over the world, but also cultural experience through your stay in Japan!



How?

How to Learn

- Lectures
- On-board Training by Survey Ship, Japan Coast Guard
- Practical Field Training
- Discussions
- Presentations



Study



Experience



Discuss



Interact



Present

Language

English

Commitment to the SDGs

**SUSTAINABLE
DEVELOPMENT
GOALS**



Expected Module Output

1. To Understand the theoretical concept, surveying and Earth Sciences for hydrography
2. To be able to collect the necessary data from the field surveying for hydrography
3. To be able to draft the smooth sheet based on the collected data
4. To understand the utilization of hydrographic chart through using tools such as GIS

Module

1. Lectures and Practice

Under the International Standards of Competence of Hydrographic Surveyors, the following modules and subjects will be covered in the program.

Module 1: Computing

Module 2: Applied Mathematics and Physics

Module 3: Earth Science

Module 4: Nautical Science

Module 5: Environmental Science

Module 6: Water Levels and Flows

Module 7: Underwater Acoustics

Module 8: Remote Sensing

Module 9: Hydrography

Module 10: Hydrographic Data Organization

Module 11: Positioning

Module 12: Hydrographic Survey Operation

Subjects
Basic <ol style="list-style-type: none">1. Mathematics, statistics, theory of errors2. Information and Communication Technology3. Physics4. Earth sciences5. Nautical science6. Meteorology
Essential <ol style="list-style-type: none">1. Underwater acoustics2. Remote sensing3. Water levels and flows4. Positioning5. Hydrographic practice6. Hydrographic data management7. Environment
Hydrographic Field Practices in Beppu Port, Oita prefecture
Onboard Training (Survey vessel, Japan Coast Guard)
Maritime Disaster Prevention: Response of hydrographic surveying organizations in the event of incidents and accidents, Submarine earthquake and tsunami,



Seafloor Geodetic Observation, etc.

Study Tours: Geospatial Information Authority of Japan, Geological Survey of Japan, Tidal instruments corporation, Ship-handling simulator, Airborn LiDAR system, etc.

YouTube Video: Please refer to the following link to introductory video of this program.

[KCCP] Hydrography for Charting and Disaster Management - YouTube (Taken in 2017)

2. Examination

The program will be conducted in the form of on-site lectures, practices and field training on survey vessels. **An examination will be conducted on each subject. Participants are required to pass the examination, in principle, with a score over 60 points.**

Equipment to be provided

Personal computer for each participant is available during the lectures.

Following equipment will be also provided and used during the program:

1. Survey vessels belonging to Japan Coast Guard
2. Electronic positioning systems
3. Global Navigation Satellite System (GNSS)
4. Echo sounders (Single beam and Multi beam)
5. Side scan sonar
6. Electro-optical range finders
7. Theodolites and sextants
8. Automatic hydrographic data logging and processing system
9. Tide gauges of water pressure type
10. Handheld calculators

<Note> Above contents may be subject to change.

Management Members

Organizer

Ms. KAGAYA Midori

Deputy Director, Economic Infrastructure Development and Environment Division,

Japan International Cooperation Agency (JICA)

Message: In this program, you can acquire latest knowledge and practical skills through lectures and field trainings in Japan. You will be working together with hydrography experts from Japan as well as other countries. Looking forward to receiving your application.

Implementing Partner

Mr. SAKAMOTO Heiji

Senior Liaison Officer, Hydrographic and Oceanographic Department, Japan Coast Guard

Message: This program is designed for those who are engaged in hydrographic survey or producing nautical chart. I hope you are certified as "Internationally Accredited Category B" for Hydrographic Survey when you complete this program. I look forward to seeing everyone in Japan.

Implementing Partner

Mr. NOGUCHI Kenichi

General Manager, Japan Hydrographic Association (JHA)

Message: For this year, we are preparing on-site program in Japan. JHA will support you to make this program informative, practical and enjoyable. We are looking forward to seeing you soon.



Voice

Past Program Alumni Comments

Ex-Participant
Philippines

I applied what I learned in Japan by incorporating the improved techniques, standards, and work practices into my tasks back home. I used the knowledge gained from the training to contribute more effectively to our technical working group, especially in reviewing and updating our hydrographic surveying standards. I also integrated these learnings into the manual I am preparing for new cadets, ensuring that the methods and values I gained in Japan are passed on to the next generation of hydrographers.



Ex-Participant
Indonesia

Usually, we use some modern equipment in our country, so we just know a little about basic of hydrography survey, so after we know we can make some alternative choice for our survey in the future which one is more benefit depend of our survey area.

I will share the knowledge that I have learned from this training with my friends and share information on how Japan can minimize the number of victims in the event of a disaster, so hopefully in the future Indonesia can also minimize the number of victims of the natural disaster.



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.

2. Nominee Qualifications

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

(1) Essential Qualifications

- 1) Current Duties: hydrographer in an authority responsible for hydrographic survey or nautical chart (hydrographic office, port authority, maritime bureau etc.)
- 2) Experience in the Relevant Field: be technical college graduates or equivalent with at least two years of occupational experience in hydrographic survey.
- 3) Educational Background: have obtained credits for two years of courses in mathematics and physics on the level of at least a technical college or equivalent educational institution.
- 4) Language Proficiency: have an excellent English capability enough to make presentation, exchange and discuss any ideas among the participants
- 5) Health: must be in excellent to participate in the program in Japan because there are many times and long-term practical trainings such as on-



board a ship, field training in a port. Also, lectures are very difficult such as underwater Acoustics, Tidal Science, Oceanography, Hydrography, Meteorology etc, and it is hard for you to depict survey smooth sheet and to make survey report in detail around the end of the training. 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 arrival 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.)

¹ Pre-existing conditions: Chronic diseases such as Hypertension / Diabetes / Cardiovascular illness / Heart failure / Chronic respiratory illness / Insomnia / Internal Organ Disease / Lower Back Pain / Knee Pain / Chronic Headache / Irritable Bowel Syndrome / Gastro Esophageal Reflux Disease / Allergic Dermatitis / Chronic Skin Diseases, which are required to go to the hospitals, Conditions currently under treatment and Past illness that have resolved.



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.

(2) Recommended Qualifications

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

<Remarks> Each organization is requested to strongly encourage female candidates to apply for this course to accelerate the realization of gender equality and women's empowerment.

3. Required Documents for Application

For JICA applications download: ERD website

- (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 international and official English examination scores such as TOEFL, TOEIC, and IELTS. In case the applicant does not have such



certificate, the staff in charge of JICA overseas offices MUST interview with the applicant to confirm the fluency without any difficulty in listening and speaking, and then submit the screening sheet, the brief report of interview to the Organizer, JICA Tokyo.

- (4) **Country Report:** to be submitted with the application form. Fill in Annex 1 of this General Information.
- (5) **Questionnaire:** to be submitted with the application form. Fill in Annex 2 of this General Information.
- (6) **Laptop:** must be brought to Japan to join this program.

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 Tokyo by April 14, 2026.)

For JICA applications download: ERD website

Deadline of KCCP application in JICA Sri Lanka office is 07/04/2026

Each nominee is required to prepare the country report on the subjects in Annex 1. The country report, which will be used for screening the nominees, should be attached in the Application Form.

To applicants who belong to the military or other military-related organizations and/or who are enlisted in the military, the deadline of submission of all necessary documents is April 1, 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 Tokyo 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 15, 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, as participants of this program have designated accommodations in Tokyo and other areas in Japan such as Beppu during this program (except for programs longer than one year and please refer to the details as stipulated in Kenshu-in Guidebook 7. in Administrative Arrangements),
- (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 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 Tokyo Center (JICA TOKYO)
- (2) Program in charge, Deputy Director: Ms. Midori Kagaya
(Kagaya.Midori3@jica.go.jp)

2. Implementing Partner

- (1) Name: Hydrographic and Oceanographic Department, Japan Coast Guard
URL: <https://www1.kaiho.mlit.go.jp/jhd-E.html>
- (2) Name: Japan Hydrographic Association (JHA)
URL: <https://www.jha.or.jp/en/jha/>

3. Travel to Japan

- (1) Air Ticket: The cost of a round-trip ticket between an international airport designated by JICA and Japan will be borne by JICA.
- (2) Travel Insurance: Coverage is from time of arrival up to departure in Japan. Thus travelling time outside Japan will not be covered.

4. Accommodation in Japan

JICA will arrange the following accommodations for the participants in Japan.

JICA Tokyo

Address: 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan

TEL: 81-3-3485-7051

FAX: 81-3-3485-7904 (where "81" is the country code for Japan, and "3" is the local area



code)

If there is no vacancy at JICA Tokyo, JICA will arrange alternative accommodations for the participants. Please refer to facility guide of JICA Tokyo from the following URL.

[Introduction of JICA Tokyo - YouTube](#)

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 “KENSU-IN GUIDEBOOK,” 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.	<u>https://www.youtube.com/watch?v=SLurfKugrEw</u>
Part II: Introduction of JICA Centers in Japan	
JICA Tokyo	<u>https://www.jica.go.jp/tokyo/english/office/index.html</u>

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>



7. Reference

PDF: KENSHU-IN GUIDEBOOK

For more detailed terms and conditions

[KENSHU-IN GUIDEBOOK\(English\) 2024.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/types_of_assistance/tech/acceptance/training/index.html



Annex 1

Country Report

Deadline of submission: April 14, 2026

<Notice>

For applicants who belong to the military or other military related organizations, please submit your report by April 1, 2026.

1. Basic Information

- (1) Format: Visual material for presentation (ex. MS Power Point)
- (2) Font: Please use font size 24 or more
- (3) Number of Slides: The report should not exceed 30 slides
- (4) Method of Submission: Please submit it together with application form. For further details, please inquire to the JICA office of Embassy of Japan
- (5) Presentation: During the program, all participants are required to deliver a 15-20 minute for country report presentation

2. Contents

< I : Personal and Organizational Information >

- (1) Name of applicant
- (2) Country
- (3) Name of organization and date of its establishment
- (4) Present job title of the applicant in the above organization
- (5) Organizational function and Structure:
 - ① Organizational structure, departments in charge, and chain of command
 - ② Number of employees by department (military/civilian, by occupation, seafarers (by qualification), PhDs, masters, bachelors, Cat.A and Cat.B holders)
 - ③ Budget and fixed asset status
 - ④ Funding sources (national budget by type, sales of nautical charts etc.)
 - ⑤ Main business activities (surveying, chart compilation, publishing, data management, tide observation, etc.)
 - ⑥ Equipment owned (survey vessels, sounding equipment, GNSS, processing software, tide stations, training facilities, research facilities, etc.)
- (6) Domestic and international organizations and companies related to hydrographic surveys
 - ① Other domestic government organizations (e.g., ports, coastal protection, non-naval organizations, etc.) and their roles and



- cooperative relationships (if documented, details thereof)
- ② Private hydrographic survey companies (both domestic and international) operating in Japan and their capabilities, areas in charge, roles, personnel and capabilities, vessels, echo sounder equipment, and other equipment, and business scale, etc.
 - ③ Cooperation and history with other national hydrographic organizations and international organizations (e.g., IHO)
 - ④ Issues, challenges, and prospects related to other organizations and companies
- (7) Personnel Education and Human Resource Development
- ① Overview of educational facilities (domestic/overseas) providing hydrographic education and training (facility, size, organization, number of personnel, types of education and training courses, and training duration)
 - ② Education and training budget
 - ③ Content of the training course (basic/advanced courses, IHO S-5A, S-5B, S-8A, S-8B, etc.)
 - ④ Medium- to long-term human resource development plan (required number of personnel, fields of expertise, etc.)
 - ⑤ Issues, challenges, and future prospects related to human resource development
- < II : Status and Issues regarding Hydrographic services and activities >
- (8) Publication Status and Development Plan for Nautical Charts and Electronic Charts (ENCs):
- ① Currently published paper charts and ENCs: types, number of charts and cells, coverage, and sales
 - ② Frequency and procedures for revisions and updates
 - ③ Future publication and development plans (priority areas, schedule, etc.)
 - ④ Relevant domestic laws, regulations, and technical standards
- (9) Major Issues, Challenges and Future Plans.
- ① Current technical, organizational, and financial challenges, including those mentioned above
 - ② Priority issues to be resolved
 - ③ Medium- to long-term future vision for the organization and operations, and any development plans for hydrographic instrumentation, surveying, and activities (i.e., the acquisition of new ships, etc.).
- (10) Hydrographic survey ships: Please give us information on survey/research ships currently engaged in hydrographic survey carried out by your organization.

you feel are most needed for you?

4. Do you have any experience on-board a survey ship as a crew member or a surveyor?

5. What kind of survey equipment is used in your organization?
Do you have any experience in using any such equipment?

6. What kind of maritime disasters have occurred in your country (e.g., tsunami, submarine volcanic eruption, etc.)?
What kinds of measures are important for your country?

7. Please check the boxes either "Yes" or "No."

a) Have you ever studied any aspect of the following subjects?

	Yes	No
(1) Mathematics	<input type="checkbox"/>	<input type="checkbox"/>
(2) Physics	<input type="checkbox"/>	<input type="checkbox"/>
(3) Optics	<input type="checkbox"/>	<input type="checkbox"/>
(4) Astronomy	<input type="checkbox"/>	<input type="checkbox"/>
(5) Oceanography	<input type="checkbox"/>	<input type="checkbox"/>

- | | | |
|----------------------------------|--------------------------|--------------------------|
| (6) Map projection | <input type="checkbox"/> | <input type="checkbox"/> |
| (7) Cartography | <input type="checkbox"/> | <input type="checkbox"/> |
| (8) Tides and tidal streams | <input type="checkbox"/> | <input type="checkbox"/> |
| (9) Data processing for sounding | <input type="checkbox"/> | <input type="checkbox"/> |

b) Have you ever been engaged in the following fieldwork or operations on-board a ship? If yes, please give the term.

- | | Yes (Term) | No |
|--|---|--------------------------|
| (1) Angle observation by a theodolite | <input type="checkbox"/> () | <input type="checkbox"/> |
| (2) Traversing by a theodolite | <input type="checkbox"/> () | <input type="checkbox"/> |
| (3) GPS Surveys | <input type="checkbox"/> () | <input type="checkbox"/> |
| (4) Leveling Survey | <input type="checkbox"/> () | <input type="checkbox"/> |
| (5) Coast lining Survey | <input type="checkbox"/> () | <input type="checkbox"/> |
| (6) Topographic Survey (plane table surveying) | <input type="checkbox"/> () | <input type="checkbox"/> |
| (7) Echo sounding | <input type="checkbox"/> () | <input type="checkbox"/> |
| (8) Submarine topographic survey (swath survey, side scanning, etc.) | <input type="checkbox"/> () | <input type="checkbox"/> |
| (9) Submarine geological survey observation | <input type="checkbox"/> () | <input type="checkbox"/> |
| (10) Tide and tidal current observation | <input type="checkbox"/> () | <input type="checkbox"/> |

(11) Data Processing by Correction of survey results

()

(12) Data processing by GIS software

()

c) Do you have any experience in using the following survey instruments? If yes, please describe the term and types / models currently used in your office.

	Yes (Term)	(Type/Model)	No
(1) Theodolite	<input type="checkbox"/> ()	()	<input type="checkbox"/>
(2) Sextant	<input type="checkbox"/> ()	()	<input type="checkbox"/>
(3) GPS receiver	<input type="checkbox"/> ()	()	<input type="checkbox"/>
(4) Echo-sounder	<input type="checkbox"/> ()	()	<input type="checkbox"/>
(5) Tide gauge	<input type="checkbox"/> ()	()	<input type="checkbox"/>
(6) Automatic hydrographic data acquisition system	<input type="checkbox"/> ()	()	<input type="checkbox"/>
(7) Automatic hydrographic data processing system	<input type="checkbox"/> ()	()	<input type="checkbox"/>

8. Please provide the following information of you. This is to prepare an uniform for each participant for field practices at port.

(1) Height ()

(2) Waist ()

(3) Shoe Size ()

Other necessary information will be asked later on.



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 Tokyo Center (JICA Tokyo)

Address: 49-5, Nishihara 2-Chome, Shibuya-ku, Tokyo, 151-0066, Japan

TEL: +81-3-3485-2233

("81" is the country code for Japan, and "3" is the local area code)