



Online and Face-to-Face (in Japan)

JICA Program GENERAL INFORMATION

Knowledge Co-Creation Program (Group and Region Focus)

# Rescue Techniques



Course Number: 202311690-J001

Course Period: **Online: July 18 - August 3, 2024**

**October 7 - October 8, 2024**

**In Japan: August 4 - September 28, 2024**




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.

救急救助技術



# How do we rescue people and promote human resource development?

Through this course, participants will acquire the necessary skills to improve and disseminate the knowledge and techniques of emergency rescue in their home countries. Also, this course will teach how to create a human resource development plan for improving emergency rescue techniques at their respective organizations.



# Outline

This program provides more advanced emergency rescue technique for participants.

In this program, participants will also learn how to develop a human resource development plan to improve emergency life-saving skills within your organization.

The period of the program is from July 18 to October 8, 2024 (including online program).

The first sessions will be held online and participants are expected to join from their country.

The second session will be the actual trainings and learnings in Japan.

The last part of this program will be the Action Plan presentation and the participants are expected to present it through online.

All sessions are carried out in English.

Course capacity is 7 participants from 7 countries.



## **JICA Knowledge Co-Creation Program (KCCP)**

The Japanese Cabinet released the Development Cooperation Charter in June 2023, which stated “In its development cooperation, Japan has maintained the spirit of jointly creating things that suit partner countries while respecting ownership, intentions and intrinsic characteristics of the country concerned based on a field oriented approach through dialogue and collaboration. It has also maintained the approach of building reciprocal relationships with developing countries in which both sides learn from each other and grow and develop together.” JICA believes that this ‘Knowledge Co- Creation Program’ will serve as a foundation of mutual learning process.

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# For What?

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## Background

The whole world suffers from various natural disasters such as earthquake, flood, landslides and so on. Industrial and traffic accidents, and fire are also the frequent threats for the citizens. Such disasters are a huge risk in a country with a rapidly growing population and economy, but with inadequate measures to protect its citizens. Countries that do not have enough skills and measures in place to save their citizens need to urgently take steps to reduce the risks caused by accidents and disasters as much as possible in order to protect their citizens. Therefore, in response, it is strongly required to improve the rescue techniques in these countries.

## Objectives

This program aims to contribute to improvement of basic emergency rescue techniques and spread them in participants' countries based on the experiences how Japan has dealt with emergency situations such as the Great Hanshin Awaji Earthquake in 1995.

This program also aims to transfer knowledge and skills through actual physical training to help and give the first

aid to victims who can not escape or evacuate on their own by using various rescue techniques. Furthermore, the program also aims to exchange the information to further deepen mutual understanding among program participants and to strengthen networks between Japan and participating countries.

Participants will learn how to formulate a human resource development plan relating to emergency rescue technique improvement and spread the techniques as a leader in their organizations.

# To Whom?

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## Job Areas and Organizations

This program is designed for officials who are in a position to take leadership and/or instruct on emergency rescue techniques (in future) at fire academy or at fire service department.

## Targeted Countries

Brazil, Fiji, Nauru, Papua New Guinea, Tajikistan, Tanzania, and Viet Nam.

# When?

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## Program Period



Online

### Online Program in your country

From July 18  
to August 3, 2024



Face-to-Face in Japan

### Face to face Program in Japan

From August 4  
to September 28, 2024



Online

### Online Program in your country

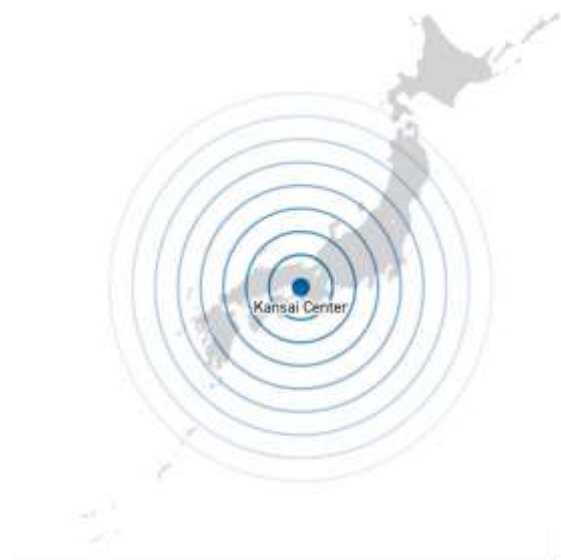
From October 7  
to October 8, 2024

Participants are expected to attend all online and In-Japan programs except for urgent and uncontrollable matters.

# Where?

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This course is carried out and organized by JICA Kansai Center.



# How?

This program consists of both lectures and practical training which is quite physically tough. Participants will have opportunities to learn a lot of information about the organizations and systems of emergency rescue services as well as the status of disasters response in Japan through lectures and site visits.

Participants will also formulate an action plan describing what the participant will do after they go back to home country by putting the knowledge and ideas acquired and discussed in Japan into their on-going activities.

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## How to Learn



Study



Practical Training



Experience



Discuss



Present

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## Language

English

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## Commitment to the SDGs





# Program Structure

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

**【Note】** The program is subject to change.

## (1) Preliminary Phase in participants' home countries



**From July 18 to August 3, 2024**

The participants are expected to view videos and read textbooks through internet to gain more knowledge and motivation to participate in the program before coming to Japan.

The participants are requested to submit

1. Job Report (PPT)
2. Basic Information

**by June 30, 2024**

**Job Report Presentation July 18 and 19, 2024**

## (2) Core Phase in Japan



**From August 4 to September 28, 2024**

The participants obtain the knowledge of Japanese Fire Defense Services and Skills of Basic Rescue Techniques through lectures, practical trainings, observation and discussion

- 1) Acquiring basic knowledge and skills to **rescue** people from life-threatening physical danger caused by disasters or accidents such as earthquakes, fires, and industrial or traffic accidents by means of various rescue technique.
- 2) Acquiring basic knowledge and skills of **first aid**, such as artificial respiration, cardiopulmonary resuscitation, hemostat, and immobilization of victims in the disaster or accident. Also acquiring knowledge and skills to observe high energy

trauma and total spinal immobilization.

- 3) Gaining necessary knowledge to be **a leader** of the rescue service. Participants formulate a human resource development plan relating to emergency rescue technique improvement in their organizations.

### **Demonstration of Comprehensive Training**

Presentation of final rescue demonstration using skills gained in this program.

### **(3) Finalization Phase in participants' home countries**



**From October 7 to October 8, 2024**

The participants are required to finalize draft action plans after the consultation with their organizations.

### **Action Plan Presentation October 7 and 8, 2024**

#### **【Note】**

The participants are expected to submit their final action plan after their presentation. Please be noted that submission or non-submission of report would be duly considered for allocating the program and/or selecting participants from the countries and organizations in the future.

## <Topic Outline of 2023>

**\*The schedule of 2024 is still being worked out.**


Type	Contents
Lecture	Keynote Lecture : Fire Service System in Japan Rescue System of Osaka Municipal Fire Department Outline of Municipal Administration of Osaka City Disaster Management in Japan Wide-Area Disaster (Rope Rescue II) TBD Dispatch of JDR to Turkey Earthquake Site Education System in Fire and Disaster Management College Vehicle Extrication I (Breaking・Approach) PTSD Measures for Firefighters and Rescuers
Practice	Discipline Training : Alignment Procedure - Safety Management Rescue Equipment Distribution Rope Work : Prior Check - Anchor Point ・ Belay Rescue Tools and Equipment : Ladder Method ・ Self-Contained Breathing Apparatus - Maintenance Entry ・ Descending ・ Transfer Rescue from Heights : Single-Point Horizontal Suspension Fire Rescue Emergency Ladder Rescue Rescue from Depths : Tsurube/ 2:1 pulley system - Ladder Crane Water Rescue Technique Self Rescue Coaching Wide-Scale Disaster : CSR - Sediment Disaster Disaster Management Guidance for Citizens Emergency Trauma Management I: Primary Survey Triage First Aid Training for Instructors Instruction of Rescue Techniques Preparation for Human Resource Development Plan (Action Plan) Briefing on Comprehensive Training Review of Basic Rescue Techniques II Scenario Training (Rescue from Heights - Rescue from Depths -Vehicle

	<p>Extrication</p> <p>Comprehensive Training (Rehearsal)</p>
Observation	<p>Observation of Aviation Squads</p> <p>Observation of IRT (International Rescue Team) 24-hour Training</p> <p>Observation of Facilities at Sakai City Fire Bureau (The Great Hanshin-Awaji Earthquake Memorial)</p> <p>Disaster Management and Human Renovation Institution</p> <p>Observation of Joint Training of Rescue Teams</p> <p>Observation of Affected Area by 2011 Disaster in Fukushima</p> <p>Observation of Risk Management Center in Fire and Disaster Management Agency, Ministry of Internal Affairs</p> <p>Observation of Fire and Disaster Management College</p> <p>Observation of Suijo Fire Station</p> <p>Disaster Management Experience (Osaka City Disaster Management Learning Center: Abeno Tasukaru)</p> <p>Observation of Emergency Operations Center</p> <p>Observation of NBC Hazards Comprehensive Training</p> <p>Emergency Medical Treatment Training (for civilians)</p>
Presentation	<p>Job Report Presentation</p> <p>Presentation of Comprehensive Training</p> <p>Action Plan Presentation</p>

# Voice

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## Past Program Alumni Comments

 Fillipi Thiago Pamplona  
Brazil (2022)

It was an amazing experience and I'm really grateful for everything JICA did for us. My goal is to make Santa Catarina's disaster response better and Japan is the best place in the world to teach us that. A partnership of knowledge sharing would be fantastic, specially on how to build better teams and facilities for training and responding to natural disasters.



 REWERU Diminski  
Republic of Nauru (2019)

During my stay in Japan for this RESCUE TECHNIQUES training, I was a bit nervous because I don't know a thing about Japan and the training. I am the first person to go on this training in my country. Thinking that it will be hard and not enjoyable, however I have learned that this training was very useful and well organized to teach participant from different country and different mindset. This country has been through so many disasters in the history but the most extraordinary thing is it always come back on its feet, the way they behave and connect for their country is as one even though they have a large number of population. Japan has lots of wonderful places and even though I have not visited them all I am lucky and honored to visit some of them. I have learned lots from this training in terms of rescue techniques and not only that I have learned the Japanese culture, I have learned some different cultures form the other participant form other countries. This training is very useful not only to help us learn new method of rescue but also to be unity with other countries as well. I hope in the next training JICA will invite more Nauru Rescue Fire Service to have this great opportunity to experience and learn the Japanese RESCUE TECHNIQUES and experience the beauty of JAPAN.

# Eligibility and Procedures

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## 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) In this connection, applying organizations are expected to nominate the most qualified candidates to address the said issues or problems, carefully referring to the qualifications described in section “2. Nominee Qualifications” below.

## 2. Nominee Qualifications

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

### (1) Essential Qualifications

- 1) **Current Duties**: be in a position to instruct on emergency rescue techniques and/or expected to be the leader in the near future at a dept./academy of fire, rescue, civil protection, etc.
- 2) **Experience in the Relevant Field**: have at least three (3)-year experiences in practical rescue operations in scene of rescue.
- 3) **Enthusiasm**: have a strong passion and responsibility to contribute to the further development of participants’ country based on the knowledge and skills

gained in this program.

- 4) **Language Proficiency**: have a competent command of spoken and written English proficiency equivalent to TOEFL iBT 100 or above as well as have sufficient familiarity with the technical terminology of firefighting and rescue techniques. (This workshop includes active participation in discussions, which requires high competence in English. Please attach an official certificate for English ability such as TOEFL, TOEIC etc, if possible)
  
- 5) **Health**: must be in good health to participate the program in Japan. To reduce the risk of worsening symptoms associated with respiratory tract infection, please be honest to declare your health condition, such as Hypertension / Diabetes / Cardiovascular illness / Heart failure / Chronic respiratory illness, in the Medical History (QUESTIONNAIRE ON MEDICAL STATUS RESTRICTION of the application form). Also, to ensure your safety, please make sure to inform JICA staff of your medical history (past illnesses or injuries) and any pre-existing medical conditions (including back pain) before coming to Japan.
  
- 6) **Skills**: must have the following skills
  - a. Knots and hitches ropes skill. Especially following 6 knots and hitches ropes skills are required; 1.Square knot, 2.Loop knot, 3.Bowline on a Bight, 4.Clove Hitch, 5.Bowline knot and 6.Round Turn and Two Half Hitches. A textbook regarding hitches ropes skills is going to be sent by e-mail to accepted participants.
  - b. Have mastered the three-point procedure for building entry via ladder showed in ANNEX II.

**<IMPORTANT>** *Knots and hitches ropes skill test will be conducted after arrival in Japan. If the result shows a very low level, the participant would be required to quit the participation for this program for safety reason. A self-training using textbook and on-demand videos are highly recommended before participating training.*

## 7) **Technical Requirements**

Since we are planning to implement the online sessions prior to and after the program in Japan, the program participants are required to meet the following technical requirements.

### **a. Technology Proficiency:**

- ✓ Basic computer skills such as, sending/receiving email with attachments, and using a web browser.
- ✓ Online sessions may be delivered using the following services, Web Conferences (Zoom, MS Teams), Cloud Storage (JICA VAN, GIGAPOD), and YouTube. (Online tutorial and support by JICA will be limited. The ability to be self-directed in learning new technology skills are required.)

### **b. Internet Connection:**

- ✓ High Speed Broadband Connection (at least 2Mbps).

### **c. Hardware (Minimum Requirement):**

- ✓ Regular access to a computer, either from your home or your office.
- ✓ Processor: Intel Core 2 Duo or higher; 2GHz or higher
- ✓ Memory: 4GB of RAM or higher
- ✓ Hard Drive Space: 5GB free disk space
- ✓ Browser: Google Chrome is preferred browser. (Edge, Firefox, can be used)
- ✓ Others: Webcam Microphone, and Audio output Device (Speaker or Headset)

### **d. Software (which may be required):**

- ✓ Operating System: Windows or Mac OS (Updated version is preferred).
- ✓ Zoom Client for Meeting (<https://zoom.us/download>)
- ✓ Microsoft Office (Excel, PowerPoint)

**<IMPORTANT>** *In case you are using your office computer and use of Zoom is not authorized by your IT administrator, please notify JICA at the time of application.*



## **(2) Recommended Qualifications**

- 1) **Age:** be in principle under age 40 and physically capable of going through rescue training practices.
- 2) **Gender Equality and Women's Empowerment:** Women are encouraged to apply for the program. 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 or ID:** 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

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

## 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 May 13, 2024**)

### (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.

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

### (3) Notice of Acceptance

The JICA overseas office (or the Embassy of Japan) will notify the results **no later than May 31, 2024.**

## 5. Additional Documents for Accepted Participants

### (1) Job Report and Basic Information

The accepted participants are required to prepare their Job Report (Power Point file), and Basic Information (Word file). **They should NOT be saved in PDF file.**

These two documents need to be emailed to [Nishioka.Midori@jica.go.jp](mailto:Nishioka.Midori@jica.go.jp) by **June 17, 2024.** (See AnnexI for more detailed information).

### (2) Pre-Departure Training Materials

A self - training textbook and on-demand video “RESCUE TECHNIQUES” will be sent to the accepted participants. The participants are required to study by themselves before coming to Japan.



## 6. 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 "5. Expenses", "IV. 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,
- (12) to refund allowances or other benefits paid by JICA in the case of a change in schedule,
- (13) not to record or share the online contents without JICA's permission, and
- (14) to comply with the use conditions of copyrighted works by each copyright holder, when using texts and other materials distributed for KCCP.

# Administrative Arrangements

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## 1. Organizer (JICA Center in Japan)

(1) **Center:** JICA Kansai Center (JICA Kansai)

(2) **Program Officer:** Ms. NISHIOKA Midori (Nishioka.Midori@jica.go.jp )

Mr.KOYAMA Toshiyuki (Koyama.Toshiyuki.2@jica.go.jp)

## 2. Implementing Partner

(1)**Name:** Osaka Municipal Fire Department

(2)**URL:** <http://www.city.osaka.lg.jp/contents/wdu020/shobo/english/index.html>

(1) **Name:** JICE (JAPAN INTERNATIONAL COOPERATION CENTER)

(2) **URL:** <https://www.jice.org/en/index.html>

## 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

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

## 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 GUIDE BOOK,” which will be given before the departure.

\*Link to JICA HP

(English/French/Spanish/Russian):

[https://www.jica.go.jp/english/our\\_work/types\\_of\\_assistance/tech/acceptance/training/index.html](https://www.jica.go.jp/english/our_work/types_of_assistance/tech/acceptance/training/index.html)

## 6. Pre-departure Orientation:

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

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

<b>Part I: Knowledge Co-Creation Program and Life in Japan</b>	
English ver.	<a href="https://www.youtube.com/watch?v=SLurfKugrEw">https://www.youtube.com/watch?v=SLurfKugrEw</a>
French ver.	<a href="https://www.youtube.com/watch?v=v2yU9ISYcTY">https://www.youtube.com/watch?v=v2yU9ISYcTY</a>
Spanish ver.	<a href="https://www.youtube.com/watch?v=m7I-WIQSDjl">https://www.youtube.com/watch?v=m7I-WIQSDjl</a>
Russian ver.	<a href="https://www.youtube.com/watch?v=P7_ujz37AQc">https://www.youtube.com/watch?v=P7_ujz37AQc</a>
Arabic ver.	<a href="https://www.youtube.com/watch?v=1iBQqdpXQb4">https://www.youtube.com/watch?v=1iBQqdpXQb4</a>
<b>Part II: Introduction of JICA Centers in Japan</b>	
JICA Kansai	<a href="https://www.jica.go.jp/kansai/english/office/index.html">https://www.jica.go.jp/kansai/english/office/index.html</a>
DRLC	<a href="#">drlc_brochure_02.pdf (jica.go.jp)</a>

## 7. Other Information

- (1) Participants who have successfully completed the program will be awarded a certificate by JICA.
- (2) For the promotion of mutual friendship, JICA Kansai encourages international exchange between JICA participants and local communities, including school and university students as a part of development education program. JICA participants are expected to contribute by attending such activities and will possibly be asked to make presentations on the society, economy and culture of their home country.
- (3) Participants are recommended to bring laptop computers for your convenience. If it is impossible, please ask JICA office in your country before you leave for Japan. During the program, participants are required to work on the computers, including preparation of Action Plan(AP), etc. Most of the accommodations have internet access.
- (4) Participants are requested to bring athletic shoes and backpack (or small suitcase). Athletic shoes are necessary for field visit and backpack (or small suitcase) is necessary when you go out for a short trip to other cities. So that you don't need to bring everything.
- (5) Also participants are requested to bring their uniform of organization. The uniform should be long sleeves and long pants. JICA will prepare new uniform for the program, but until its ready, the participants are required to prepare clothing for responding to disaster sites, including safety shoes for practical training.
- (6) Allowances, such as for living, will be deposited to a temporary bank account (opened by JICA) 2 to 5 days after your arrival in Japan. Participants are highly advised to bring some cash in order to cover necessary expenses for this period.
- (7) It is very important to exchange some currency to Japanese Yen before the arrival. It will be quite difficult to exchange money once the program starts, due to the limitation of time and facilities.

## **ANNEX I:**

# **JOB REPORT and BASIC INFORMATION**

**should be send by June 17, 2024**

## **1. JOB REPORT**

Please fill out the following 8 questions.

Some photos and charts (,if you have any) should be introduced in the material.

**【 Note 】 Accepted participants will be requested to make an presentation(PPT) based on this job report information.**

- 1) National emergency rescue system
- 2) Present condition of rescue operation (including ambulance activities) in your country
- 3) Number of Disaster cases including flood, earthquake, storm, fire and others in your country
- 4) Chart of your organization and your position
- 5) Rescue service strength (Number of fire station, rescue personnel and fire engines by type) in your organization
- 6) Your current duties in your organization
- 7) Current Problem and challenges,which you or your organization are facing
- 8) Please prioritize and list topics you would like to learn about in the program.

## 2. BASIC INFORMATION

### I. Basic Information

1. Name of Training Program: Rescue Techniques JFY 2024
2. Name of Participant:
3. Name of Country:

### II. Statistical Data of the Fire Service System in the Participant's Organization

自組織の消防システムの統計データについて

1. Name of Organization : 組織名
2. History of Rescue Service and Fire Service : 救助及び消火対応の歴史
3. Main Duties of Rescue Service and Fire Service : 救急救助及び火災対応の主な役割
4. Organization Chart : 組織図
5. Number of Fire Service Officers and Their Duties in your organization :  
消防隊員数、自組織での消防隊の役割



6. Rescue Service Strength 救助体制

(whole country and your district)(自国及び担当地域)

(a) Number of Fire Stations and Branches 消防署数と支所数

(Year: )

	Whole Country (国)		District (地域)	
	Regular Fire Service	Volunteer	Regular Fire Service	Volunteer
Fire Defense Headquarters 消防本部				
Fire Stations 消防署				
Branch Offices 支所				
Others その他				

(b) Number of Rescue Personnel 救助隊員数

(Year: )

	Whole Country (国)		District (地域)	
	Regular Fire Service	Volunteer	Regular Fire Service	Volunteer
Fire Fighting Activities 消火活動				
Fire Prevention Activities 防火活動				
Rescue Activities 救助活動				
Ambulance Activities 救急救命活動				
Others その他				

(c) Number of Fire Engines by Type 消防車等の数

(Year: )

	Whole Country (国)		District (地域)	
	Regular Fire Service	Volunteer	Regular Fire Service	Volunteer
Fire Engine (Pump Engine)ポンプ積載車				
Aerial Ladder Truck はしご付消防車				
Chemical Fire Truck 化学消防ポンプ自動車				
Fireboat 消火ボート				
Fire Helicopter 消火ヘリコプター				
Rescue Apparatus 救助工作車				
Ambulance 消防車				
Others				

7. Latest Statistical Record 最新の対応記録

(a) Number of Fire Cases 火災件数

(Year: )

	Whole Country (国)				District (地域)			
	Number of Fires 火災件数	Amount of Damage(\$) 被害額	Fatalities 死者	Injured 負傷者	Number of Fires 火災件数	Amount of Damage(\$) 被害額	Fatalities 死者	Injured 負傷者
Buildings ビル								
Forests 森林								
Vehicles 車両								
Others								

(b) Cause of Fires 火事の原因

(Year: \_\_\_\_\_ )

1st Place:	% / Total
2nd Place:	% / Total
3rd Place:	% / Total

(c) Damage by Storm, Flood and Earthquake 台風、洪水、地震による被害

(Year: \_\_\_\_\_ )

	Whole Country (国)	District (地域)
Completely Destroyed (houses)全壊		
Half-Destroyed (houses)半壊		
Partially Destroyed (houses)一部損		
Flooded above Floor Level (houses) 床上浸水		
Total 総数		
Amount of Damage (\$)被害額		
Dead 死者		
Missing 行方不明者		
Injured 負傷者		

(d) Total Number of Ambulance Runs and total Number of People Carried 救急車出動数と搬送者数

(Year: )

	Whole Country (国)		District (地域)	
	Number of Ambulance Runs 救急車出動数	Number of People Carried 搬送者数	Number of Ambulance Runs 救急車出動数	Number of People Carried 搬送者数
Emergency Cases (Illness) 緊急 (病気)				
Traffic Accidents 交通事故				
Natural Disasters 自然災害				
Others				

(e) Total Number of Rescue Operations and Total Number of People needing rescue operation

救急救助件数及び要救助者数

(Year: )

	Whole Country (国)		District (地域)	
	Number of Rescue Operations 救急救助件数	Number of People needing rescue operation 要救助者数	Number of Rescue Operations 救急救助件数	Number of People needing rescue operation 要救助者数
Fire Cases 火事				
Traffic Accidents 交通事故				
Drowning Accidents 水難事故				
Natural Disaster 自然災害				
Others				

8. Materials for Rescue Service 資機材

Check the box if the materials for Fire Service (especially Rescue) are employed in your organization, as listed below: (Please use photos and/or illustrations, if possible.)

(a) Rope: used to lift up and down things, or used to save a person in need of rescue by tying up. (ロープ)

	hemp rope 麻	nylon rope ナイロン	kern mantle rope ナイロン	others
Check the box if employed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Picture				

(b) Carabineer: used to join two ropes. Used to change the direction of the rope. (カラビナ)

	aluminum carabineer アルミニウム	stainless carabineer ステンレス	steel carabineer スチール	others
Check the box if employed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Picture				

(c) Retainer used to fix the spinal column of the rescued. Used when conveying the rescued.

(脊柱固定器具、ストレッチャー等)

	backboard 背面板	short board 短板	skid stretcher スキッドストレッチャー	others
Check the box if employed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Picture				

(d) Cutting instrument: used to cut doors and woods. Used to cut vehicles involved in an accident.

(切断器具)

	engine cutter エンジンカッター	chain saw チェーンソー	electric saw 電動のこぎり	air saw エアソー	others
Check the box if employed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Picture					

(e) Lifting devices: used to lift heavy materials. (ジャッキ)

	air jack エア	hydraulic jack 油圧	others
Check the box if employed	<input type="checkbox"/>	<input type="checkbox"/>	
Picture			

(f) Destroying tools: used to destroy things. (破壊器具)

	rescue ax 救助斧	ax 斧	others
Check the box if employed	<input type="checkbox"/>	<input type="checkbox"/>	
Picture			

(g) Ladder: used to approach high place. (はしご)

	single ladder 一連	double ladder 二連	triple ladder 三連	others
Check the box if employed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Picture				

(h) Respiratory Protective equipment: used in case of fire, rescue, etc. (呼吸保護具)

	self-contained-compressed air breathing apparatus 空気呼吸器	oxygen breathing apparatus 酸素呼吸器	dust mask 防塵マスク
Check the box if employed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Picture			

(i) Pulley: used to change a direction of rope by connecting a carabineer (滑車)

	aluminum pulley アルミニウム滑車	stainless pulley ステンレス滑車	others
Check the box if employed	<input type="checkbox"/>	<input type="checkbox"/>	
Picture			

(j) Trauma care materials (外傷治療資材)

	emergency bandage 応急包帯	tourniquet 止血帯	others
Check the box if employed	<input type="checkbox"/>	<input type="checkbox"/>	
Picture			

(k) Materials for cardiopulmonary resuscitation (心肺蘇生用資器材)

	AED (Automatic external defibrillator)	others
Check the box if employed	<input type="checkbox"/>	
Picture		

END



## **ANNEX II:**

This is the information for accepted participants.  
These technical terms shall be used throughout the program.

- **Knots and hitches ropes skill**

A textbook is going to be sent by e-mail to accepted participants.

- **Three-Point Procedure for Building Entry via Ladder**



- When climbing a ladder, always maintain a three-point grip so that two hands and one foot or two feet and one hand are always in contact with the rungs of the ladder.
- When entering a building, to prevent slipping, falling through the floor, or stepping on any victims who may be lying there, maintain a firm grip on the ladder, with one or both hands, moving slowly but surely, without kicking or otherwise destabilizing the ladder, until a firm footing inside the building is attained.
- When the possibility of a floor collapsing exists due to fire or otherwise comprised structural integrity, perform rescue operations in the fastest possible manner by entering the building backwards.

## 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**

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