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International Forum on Fire and Disaster Management



Hosted by Fire and Disaster Management Agency, JAPAN

◆ BACKGROUND

Having seen the disasters increasingly large-scaled and complicated in more places over the world, Fire and Disaster Management Agency, Japan (FDMA) has periodically organized an international forum for over a decade to contribute to the capacity building in disaster response in many countries through sharing its knowledge and lessons.

◆ VIRTUAL FORUM

The next forum will virtually take place on 25th February and 3rd March, with 11 language simultaneous interpretations available. * Zoom will be used for this virtual event.

◆ CONTENTS

The contents of the upcoming forum will feature three aspects - rescue, volunteer firefighters and fire prevention, together with Japanese fire/disaster response equipment.

Very much looking forward to your registration to join us via 2D barcode or URL on page 2.

TENTATIVE PROGRAM

Rescue Activity for Train Accident, by Rescue Team Leader, Yokohama Fire Bureau

Volunteer Firefighters in Japan, by FDMA Official

Japanese Standards and Regulations in Fire Safety Equipment, by FDMA Official

UNDRR and JICA Speeches

Disaster Management Products Presentations, by Japanese Companies

A detail program will be available later on, once you register .

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Six participation arrangements are in place as below, so that participants can join the forum in language and time zone they like. The forum contents are same, no matter which one you choose.



Please make your registration through the 2D barcode or the URL.

URL

<https://iffdm.mediatelier.org/registration.html>

| | Date and Time (UTC) | Interpretation Languages |
|----------------------------|--|---|
| for Asia Pacific | February 25 th , 2022 9:00 - 17:00 (UTC +7) | <ul style="list-style-type: none"> • Cambodian • English • Indonesian • Lao • Thai • Vietnamese |
| for Oceania | March 3 rd , 2022 9:00 - 17:00 (UTC +11) | <ul style="list-style-type: none"> • English |
| for Middle East & Caucasus | March 3 rd , 2022 9:00 - 17:00 (UTC +4) | <ul style="list-style-type: none"> • Arabic • English • Russian |
| for Europe & Africa | March 3 rd , 2022 9:00 - 17:00 (UTC +1) | <ul style="list-style-type: none"> • Arabic • English • French • German • Russian • Spanish |
| for Americas 1 | March 3 rd , 2022 9:00 - 17:00 (UTC -5) | <ul style="list-style-type: none"> • English • French • Spanish |
| for Americas 2 | March 3 rd , 2022 9:00 - 17:00 (UTC -8) | <ul style="list-style-type: none"> • English • French |

Rescue Activity for Train Accident

A train accident, one of the most challenging situations for the rescuers, happened in Sep 2019, in Yokohama, one of the most populous cities in Asia region with close to 3.8 million people living there. A truck was stuck in the middle of a railway crossing when rapid express train vehicles approached, which caused the train-car collision accident. Having been reported through the emergency call, Yokohama Fire Bureau swiftly deployed more than 200 professional firefighters, rescuers and EMTs to the incident scene.

FDMA will welcome a rescue leader involved in the train accident rescue to share his experiences with the first responders overseas, such as;

- ✓ what rescue tools and equipment to have selected to load on the rescue cars after listening to the incident report from the command and control division
- ✓ the process of judgement in initial assessment when arrived at the incident scene
- ✓ what points in the train vehicles to make the searching at and how to have ensured the safety management for the rescuers
- ✓ division of roles between command vans, pumpers, rescue units and ambulance teams at this complexly formed accident, and
- ✓ lessons and challenges Yokohama Fire Bureau obtained through responding to the unprecedented train accident.

Through this presentation, you can see thought process/mindset of the veteran rescuer at the large-scale accident, which enables you all to make a capacity building even without coming to a training academy overseas.



Volunteer Firefighters in Japan

As extensively recognized, Japan is one of the most disaster prone countries over the world. Despite 1/4 % of land over the world, nearly 20% earthquakes at magnitude ≥ 6.0 occurred in Japan and 7% active volcanos are located there. Also due to located in Asian Monsoon area, Japan is frequently hit by typhoons and torrential shower, especially in summer season.

For the scale of the disasters, the damage are relatively curbed, which comes about thanks to not only the quality of the infrastructure but also the solidarity of the people in community. The solidarity of Japanese community in disaster response is symbolized by Volunteer Fire Corps, who take actions under the slogan “Protection of our community by ourselves.” The squad members usually work on their own job, but when a disaster occurs in their community, they start the emergency response onsite. They are also expected to take initial response to disasters on the front line before the professionals arrival. In non-disaster time the Corps give the people the instructions and public awareness regarding disaster response, which is another significant role of theirs.

An FDMA official will explain the outline of Japanese volunteer firefighter scheme, referring to some good practices where the Corps functioned well to save the people in the their communities, as well as agency's intention to step up their capacity as a preparedness to the natural disasters that are recently affecting our planet more than before.



Japanese Standards and Regulations in Fire Safety Equipment

Fire protection equipment such as fire extinguisher, fire alarm and sprinkler must properly function as expected when a fire incident occurs - any failure of function is far from acceptable for saving people lives at an emergency situation.

In the case of Japan, the appropriate function of the fire protection equipment is ensured through the legislation based technical standards and the inspection system. All of the fire protection equipment designated by the law is required to follow the nationally authorized technical standard and take an inspection process implemented by the government agency. Any fire protection product which fails to pass the mandatory inspection cannot be sold in Japanese market.

An FDMA official from the section in charge will make a presentation about the framework of the technical standard and inspection scheme, touching on how these measures work to contribute to detecting a defective product and removing from the market.

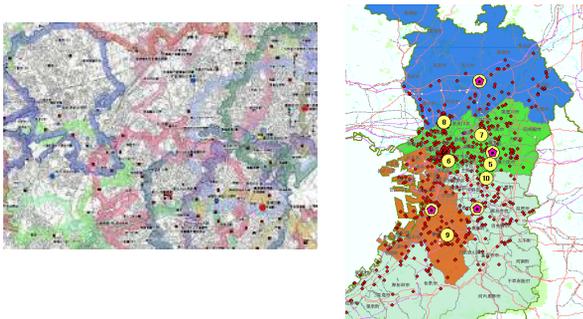
In addition, fire protection safety of buildings is ensured by the installation of these fire protection equipment and intangible measures such as fire prevention management. Some unique aspects at the positive side of the Japanese system will be also mentioned in this session.

| Fire extinguishing | Evacuation | Alarms |
|--|--|---|
| Fire extinguishers  | Metallic escape ladders  | Detectors or manual call points of fire detection and alarm systems  |
| Closed-type sprinkler heads  | Descending lifelines  | Control panels  |

Japanese Companies Presentations

To make sure of the security and the safety in the society and the proper disaster management, just a focus on the capacity building in public authorities is not sufficient. Without effective and reliable products, tools and solutions related to the emergency response, the disaster risk reduction and the fire prevention, any comprehensive disaster management system cannot be created. From this viewpoint, FDMA has involved Japanese companies which offer emergency management products into its international cooperation initiatives. In this online event as well, Japanese companies will participate in to showcase the high quality of their firefighting/disaster management products. Below are the examples of the type of the products that are scheduled to be introduced at this online event.

Proper allocation of firefighting facilities using geospatial information



Water Rescue Sonar Camera



Portable Fire Fighting Pump



Personal Protective Equipment: PPE



Fire Extinguisher



Fire Alarm System

