

**Sun. Nov 10, 2019****Flash Talk Presentation 1**

Flash Talk Presentation

**Disaster Heritage to Promote Dark Tourism for Resilient Community**

Nurjanah Jane

3:35 PM - 3:50 PM Flash Talk Presentation 1 (Meeting Room 6)

**[MP1-E] Disaster Heritage to Promote Dark Tourism for Resilient Community**

Nurjanah Jane (Tokyo Metropolitan University)

3:35 PM - 3:50 PM

Flash Talk Presentation

**Recent Activity for DRR in Republic of Korea**

Dr./Mr. Kang Chang Hyun

5:35 PM - 5:50 PM Flash Talk Presentation 1 (Meeting Room 6)

**[MP1-F] Recent Activity for DRR in Republic of Korea**

Dr./Mr. Kang Chang Hyun (Dankook University)

5:35 PM - 5:50 PM

**Flash Talk Presentation 2**

Flash Talk Presentation

**Current state of SFDRR related research and education by universities and institutions**

Mikio ISHIWATARI

12:45 PM - 1:00 PM Flash Talk Presentation 2 (Meeting Room 7)

**[MP1-01] Current state of SFDRR related research and education by universities and institutions**

Mikio ISHIWATARI (Japan International Cooperation Agency/ University of Tokyo)

12:45 PM - 1:00 PM

Flash Talk Presentation

**Proposition of a New Ground-based Observation Network of Infrasound for Tsunami Disaster Mitigation**

Masa-yuki Yamamoto

1:05 PM - 1:20 PM Flash Talk Presentation 2 (Meeting Room 7)

**[MP1-02] Proposition of a New Ground-based Observation Network of Infrasound for Tsunami Disaster Mitigation**

Masa-yuki Yamamoto (Kochi University of Technology)

1:05 PM - 1:20 PM

Flash Talk Presentation

**Support for affected areas by "local residents" in the Great East Japan Earthquake "Connecting" town development by "collaboration"**

Hideaki Murai.

Ikuo Oikawa

1:25 PM - 1:40 PM Flash Talk Presentation 2 (Meeting Room 7)

**[MP1-03] Support for affected areas by "local residents" in the Great East Japan Earthquake "Connecting" town development by "collaboration"**

Hideaki Murai, Ikuo Oikawa (All Japan Council Company)

1:25 PM - 1:40 PM

Flash Talk Presentation

**Recovery Institutions to Build Back Better**

Paul Rosenberg

1:45 PM - 2:00 PM Flash Talk Presentation 2 (Meeting Room 7)

**[MP1-04] Recovery Institutions to Build Back Better**

Paul Rosenberg (UNDRR/International Recovery Platform)

1:45 PM - 2:00 PM

Flash Talk Presentation

**Sendai Framework Voluntary Commitments: An online platform where all stakeholders can showcase their work on DRR**

Eric Ariel Gonzales Rocha

3:35 PM - 3:50 PM Flash Talk Presentation 2 (Meeting Room 7)

**[MP1-05] Sendai Framework Voluntary Commitments: An online platform where all stakeholders can showcase their work on DRR**

Eric Ariel Gonzales Rocha (United Nations Office for Disaster Risk Reduction)

3:35 PM - 3:50 PM

Flash Talk Presentation

**You can Get High-quality Japanese Products for Disaster Preparedness from anywhere in the world!!**

KAZUYUKI TOHYAMA

5:35 PM - 5:50 PM Flash Talk Presentation 2 (Meeting Room 7)

**[MP1-06] You can Get High-quality Japanese Products for Disaster Preparedness from anywhere in the world!!**

KAZUYUKI TOHYAMA (TRUSTIA CORPORATION)

5:35 PM - 5:50 PM

Flash Talk Presentation

## Disaster Heritage to Promote Dark Tourism for Resilient Community

Nurjanah Jane

Sun. Nov 10, 2019 3:35 PM - 3:50 PM Flash Talk Presentation 1 (Meeting Room 6)

Tokyo Metropolitan University

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### [MP1-E] Disaster Heritage to Promote Dark Tourism for Resilient Community

Nurjanah Jane (Tokyo Metropolitan University)

3:35 PM - 3:50 PM

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3:35 PM - 3:50 PM (Sun. Nov 10, 2019 3:35 PM - 3:50 PM Flash Talk Presentation 1)

## [MP1-E] Disaster Heritage to Promote Dark Tourism for Resilient Community

Nurjanah Jane (Tokyo Metropolitan University)

Any major catastrophe will leave many relics. Messages of disaster survivor's testimonies and the relics are important to preserve disaster risk reduction. By using disaster heritage seems to be important to community resilient in disaster affected areas. To accomplish this purpose, we try to formulate the connection between keeping disasters heritage with economics creative post disaster. To shows the other benefit of disaster heritage, we conducted survey in the disaster site in Aceh Indonesia, the heritage of disaster does not only include sorrow and it serve as a dark tourism attraction. It can be tools for sustainability of disaster education for the next generation and increasing economics of communities surrounding historical sites. It is serve as a lesson for other disaster areas such as Japan, where many disaster relics have been destroyed.

Flash Talk Presentation

## Recent Activity for DRR in Republic of Korea

Dr./Mr. Kang Chang Hyun

Sun. Nov 10, 2019 5:35 PM - 5:50 PM Flash Talk Presentation 1 (Meeting Room 6)

Dankook University

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### [MP1-F] Recent Activity for DRR in Republic of Korea

Dr./Mr. Kang Chang Hyun (Dankook University)

5:35 PM - 5:50 PM

5:35 PM - 5:50 PM (Sun. Nov 10, 2019 5:35 PM - 5:50 PM Flash Talk Presentation 1)

## [MP1-F] Recent Activity for DRR in Republic of Korea

Dr./Mr. Kang Chang Hyun (Dankook University)

Typhoon sometimes triggers torrential rains and subsequent floods in Republic of Korea (ROK).

And tragic forest fire was occurred in the norther part of Korea in April 2019. Forest fire is one of major disasters in recent year. For strengthen disaster management, a lot of research institution and universities in ROK have been conducting multi DRR projects and studies such as capacity building, education program, etc.

In this presentation, Professor Kang of Dankook University would like to share an information about recent activity for DRR including good practices.

Flash Talk Presentation

## Current state of SFDRR related research and education by universities and institutions

Mikio ISHIWATARI

Sun. Nov 10, 2019 12:45 PM - 1:00 PM Flash Talk Presentation 2 (Meeting Room 7)

Japan International Cooperation Agency/ University of Tokyo

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### [MP1-01] Current state of SFDRR related research and education by universities and institutions

Mikio ISHIWATARI (Japan International Cooperation Agency/ University of Tokyo)

12:45 PM - 1:00 PM

12:45 PM - 1:00 PM (Sun. Nov 10, 2019 12:45 PM - 1:00 PM Flash Talk Presentation 2)

## **[MP1-01] Current state of SFDRR related research and education by universities and institutions**

Mikio ISHIWATARI (Japan International Cooperation Agency/ University of Tokyo)

A lot of research and educational organizations have a big interest on SFDRR. It is however, still not clear how SFDRR are addressed for research and education. By the literature review, this study examined the current state of SFDRR research and education by universities and institutions in the world. The study clarifies their current research themes and education policy. In addition, the study raises the further task of research and education for facilitating SFDRR.

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Flash Talk Presentation

## Proposition of a New Ground-based Observation Network of Infrasound for Tsunami Disaster Mitigation

Masa-yuki Yamamoto

Sun. Nov 10, 2019 1:05 PM - 1:20 PM Flash Talk Presentation 2 (Meeting Room 7)

Kochi University of Technology

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### [MP1-02] Proposition of a New Ground-based Observation Network of Infrasound for Tsunami Disaster Mitigation

Masa-yuki Yamamoto (Kochi University of Technology)

1:05 PM - 1:20 PM



1:05 PM - 1:20 PM (Sun. Nov 10, 2019 1:05 PM - 1:20 PM Flash Talk Presentation 2)

## [MP1-02] Proposition of a New Ground-based Observation Network of Infrasound for Tsunami Disaster Mitigation

Masa-yuki Yamamoto (Kochi University of Technology)

In order to mitigate tsunami disaster, we propose a new ground-based observation network of infrasound, human inaudible low-frequency sound, in the seashore region of marine nations. We have developed infrasound sensors with applying our own technologies and verified them with deploying a dense IoT sensor network in Kochi, Japan. Infrasound has an advantage of remote-sensing for many kinds of geophysical phenomena not only tsunami but also earthquake, typhoon, heavy rain, thunder, landslide, etc. Recent activities at Infrasound research laboratory, Kochi University of Technology will be introduced so as to expand our ideas to maritime regions in near future.

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Flash Talk Presentation

## Support for affected areas by "local residents" in the Great East Japan Earthquake "Connecting" town development by "collaboration"

Hideaki Murai.

Ikuo Oikawa

Sun. Nov 10, 2019 1:25 PM - 1:40 PM Flash Talk Presentation 2 (Meeting Room 7)

All Japan Council Company

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### [MP1-03] Support for affected areas by "local residents" in the Great East Japan Earthquake "Connecting" town development by "collaboration"

Hideaki Murai. Ikuo Oikawa (All Japan Council Company )

1:25 PM - 1:40 PM

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## [MP1-03] Support for affected areas by "local residents" in the Great East Japan Earthquake "Connecting" town development by "collaboration"

Hideaki Murai. Ikuo Oikawa (All Japan Council Company )

Activity content ・ We worked on business incubation facility "container Oami" which was not used for making of local bustling before earthquake disaster, but warehouse suffered from Great East Japan Earthquake before completion. The facility was unfinished but staff were employed, so the staff started a cell phone charging service. ・ RQ Citizen's Disaster Relief Center starts supporting activities. So we decided to make an original design "Eco Brush" In order to look for areas that can be tackled by the village's friends, we will hold a knitting class by visiting 40 or more temporary houses and residents' associations. Develops and sells "Eco-Brush" as a community business.

Flash Talk Presentation

## Recovery Institutions to Build Back Better

Paul Rosenberg

Sun. Nov 10, 2019 1:45 PM - 2:00 PM Flash Talk Presentation 2 (Meeting Room 7)

UNDRR/International Recovery Platform

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### [MP1-04] Recovery Institutions to Build Back Better

Paul Rosenberg (UNDRR/International Recovery Platform)

1:45 PM - 2:00 PM

1:45 PM - 2:00 PM (Sun. Nov 10, 2019 1:45 PM - 2:00 PM Flash Talk Presentation 2)

## **[MP1-04] Recovery Institutions to Build Back Better**

Paul Rosenberg (UNDRR/International Recovery Platform)

In the aftermath of disasters, such as the Gujarat Earthquake 2001, Indian Ocean Tsunami 2004, Kashmir Earthquake 2005, Canterbury Earthquakes 2010 and 2011, and Typhoon Haiyan 2013, governments often create ad-hoc institutions for recovery to ensure leadership, coordination, and to build back better. Is it cost-effective and efficient to create ad-hoc institutions after every large-scale disaster or is it time to strengthen the existing disaster risk management (DRM) institutions to handle recovery? Using evidence from case studies collected by the International Recovery Platform (IRP), this presentation compares the advantages and disadvantages between ad-hoc and permanent institutions for disaster recovery governance.

Flash Talk Presentation

## Sendai Framework Voluntary Commitments: An online platform where all stakeholders can showcase their work on DRR

Eric Ariel Gonzales Rocha

Sun. Nov 10, 2019 3:35 PM - 3:50 PM Flash Talk Presentation 2 (Meeting Room 7)

United Nations Office for Disaster Risk Reduction

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### [MP1-05] Sendai Framework Voluntary Commitments: An online platform where all stakeholders can showcase their work on DRR

Eric Ariel Gonzales Rocha (United Nations Office for Disaster Risk Reduction)

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## [MP1-05] Sendai Framework Voluntary Commitments: An online platform where all stakeholders can showcase their work on DRR

Eric Ariel Gonzales Rocha (United Nations Office for Disaster Risk Reduction)

The Sendai Framework Voluntary Commitments (SFVC) online platform allows stakeholders to inform the public about their work on DRR. The platform is a useful tool to know who is doing what and where for the implementation of the Sendai Framework, which could foster potential collaboration among stakeholders. All stakeholders (private sector, civil society organizations, academia, media, local governments, etc.) working on DRR can submit their commitments and report on their progress and deliverables. In addition, good practices and achievements are highlighted through the online platform.

Flash Talk Presentation

## You can Get High-quality Japanese Products for Disaster Preparedness from anywhere in the world!!

KAZUYUKI TOHYAMA

Sun. Nov 10, 2019 5:35 PM - 5:50 PM Flash Talk Presentation 2 (Meeting Room 7)

TRUSTIA CORPORATION

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### [MP1-06] You can Get High-quality Japanese Products for Disaster Preparedness from anywhere in the world!!

KAZUYUKI TOHYAMA (TRUSTIA CORPORATION)

5:35 PM - 5:50 PM



5:35 PM - 5:50 PM (Sun. Nov 10, 2019 5:35 PM - 5:50 PM Flash Talk Presentation 2)

## [MP1-06] You can Get High-quality Japanese Products for Disaster Preparedness from anywhere in the world!!

KAZUYUKI TOHYAMA (TRUSTIA CORPORATION)

Japan is famous for its frequent & powerful earthquakes and its advanced technology for disaster preparedness. To the world, our site will introduce and sell high-quality products for disaster preparedness originated from our serious experience and those advanced technologies.

We hope, Various products active in Japan will be able to help people around the world.