



The Northern European Conference on Emergency and Disaster Studies (2022/11/1-3)

Theme: Disaster Science, Climate Change, SFDRR

URL: <https://eventsignup.ku.dk/needs2022/conference>

The NEEDS 2022 conference was hosted by the University of Copenhagen in Denmark on 1-3 November 2022. Professor Takako Izumi (International Strategy for Disaster Mitigation Lab), Associate Professor Sébastien P. Boret (International Research Collaboration Office), and Associate Professor (Specially Appointed) David N. Nguyen (Tsunami Engineering Lab) from IRIDeS attended the conference.

The NEEDS 2022 conference aims to explore the status quo of disaster research and management. It harnesses its broad, interdisciplinary expertise by gathering disaster researchers from academic institutions and practitioners from the disaster management community (European and beyond) to build networks and discuss the most pressing issues in disaster research across the theoretical and practical disciplines.

“Global Disasters: Health and Climate Change and disaster risk reduction and its intersections with development”.

This year’s conference investigated climate change and disasters through concepts and practices such as vulnerability and resilience, science and policy, and their relationship to pandemics, war, conflicts and other natural hazards. A total of 23 panels, over 200 participants, and several keynote speakers discussed the theories and practical solutions for DRR.

The Progress of the Sendai Framework for Disaster Risk Reduction: Prof. Izumi, Assoc. Prof. Boret, and Dr. Jonas Joerin (Singapore ETH-Centre) organised a double session to review the progress of the Sendai Framework for Disaster Risk Reduction (SFDRR) and its implementation from the perspectives of researchers, governments and practitioners. The speakers discussed the themes of all hazard-approach, resilient infrastructures, cultural heritage, education and ISO standardisation of DRR measures. Finally, they invited the audience to reflect on how academia and researchers can assist further in scaling up and accelerating the progress in the second period of the SFDRR implementation.

Session 1

1. *Towards Future Resilient Systems*, Jonas Joerin, Future Resilient Systems, Singapore ETH-Center
2. *Sendai Framework for Disaster Risk Reduction and All-hazards Approach*, Takako Izumi

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Session 2

1. *Cultural Heritage and DRR: The Practicalities and Ethics of Dealing with Disaster and Cultural Heritage*, Sébastien P. Boret
2. *The progress of the Sendai Framework for Disaster Risk Reduction: The Role of ISO Standardization in DRR*, David N. Nguyen
3. *Enhancing disaster resilience and response through 'Awareness and Preparedness training' at Indonesian Universities*, Sanne Lehmann, University College Copenhagen



Session 1: Sébastien P. Boret (moderator), Jonas Joerin,
Takako Izumi



Session 2: Takako Izumi (moderator), Sébastien P. Boret,
Sanne Lehmann, David. N. Nguyen

Report: BORET P. Sébastien (International Research Collaboration Office)
IZUMI Takako (International Strategy for Disaster Mitigation Lab)
NGUYEN David N. (Tsunami Engineering Lab)