

APRU-AEARU Multi-Hazards 2025 Summer School

July 29 - August 1, 2025
at Tohoku University

We are pleased to announce that the 10th APRU Multi-Hazards Summer School will now welcome participants from AEARU member universities! This year's focus is **“Science, Technology, and Innovation in Disaster Risk Reduction (DRR): Applying Big Data and AI.”** The early-bird application period for AEARU member universities is now open.

Major objectives:

- Understand the mechanism of international DRR strategies
- Learn from the experiences and recovery from the 2011 Great East Japan Earthquake and Tsunami
- Understand the application of big data in DRR
- Discuss the major challenges and roles of academia in progressing disaster risk reduction in each country

Call for early-bird applications from AEARU member universities!

- Successful AEARU participants who apply during this period will be provided free accommodation.
- Please note that travel expenses and other costs are the participant's responsibility.
- Nomination by your university's AEARU coordinator is required. Please contact your university's coordinator directly.
- Nomination Deadline: **Friday, May 9, 2025**
- ABC University AEARU Coordinator Contact: **ABC@XYZ**

Venue:

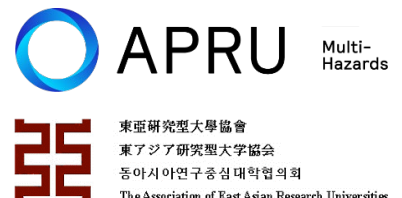
The International Research Institute of Disaster Science (IRIDeS), Tohoku University, Sendai, Japan

Eligibility:

Master's students and PhD students interested in disaster risk reduction (DRR) and management

Registration Fee:

Free



APRU Multi-Hazards (MH) Program



The Program was launched in April 2013 by APRU and Tohoku University. The International Research Institute of Disaster Science (IRIDeS) of Tohoku University provides secretariat services and coordination support as the program hub. The main objectives are to harness the collective capacities of APRU Universities for cutting-edge research on disaster risk reduction (DRR) and to contribute to international policy-making discussions. (<http://aprumh.irides.tohoku.ac.jp/>)(<https://www.apru.org/our-work/pacific-rim-challenges/multi-hazards/>)



International Research Institute of Disaster Science (IRIDeS), Tohoku University

Having experienced the catastrophic disaster in 2011, Tohoku University founded the International Research Institute of Disaster Science (IRIDeS). The institute consists of six divisions that focus on both the humanities and the natural sciences, to participate in a multi-disciplinary and multi-layered approach to lead the studies of disaster science. Based on the lessons from the 2011 Great East Japan Earthquake and Tsunami disaster, IRIDeS aims to become a world center for the study of disaster science, learning from and building upon past lessons in disaster management from Japan and around the world.

Multi-Hazards Program Activities

- An annual Multi-Hazards Summer School, to share the lessons learned from severe disasters and to contribute to the development of regional disaster experts;
- Supporting the organization of the annual Research Symposium on Multi-Hazards;
- Conducting collaborative research and sharing results and data among the APRU institutions;
- Contributing to international and regional discussions and DRR decision-making processes; and
- Promoting natural disaster preparedness capacity on university campuses

Program (tentative):

Day 1: July 29

Opening
Session 1: Lessons learnt from the Great East Japan Earthquake and Tsunami

Day 2: July 30

Session 2: Experience and case studies by various stakeholders
Session 3: Group activity: learning from various DRR researches

Day 3: July 31

Session 4: Applying big data and AI in DRR
Session 5: Group activity

Day 4: August 1

Field trip to an affected site

CONTACT INFORMATION FOR SUMMER SCHOOL 2025

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