

Preface

The 15th Aceh International Workshop and Expo on Sustainable Tsunami Disaster Recovery, AIWEST-DR 2023, was held from 11 to 13 October 2023 at the Faculty of Psychology, Universitas Gadjah Mada (UGM), Yogyakarta, Indonesia. This year's overarching theme, “Adaptive and Sustainable Resilience to Disaster,” spotlights reflections from the post-pandemic disruption. Coinciding with this year’s Mid-Term review of the Sendai Framework for Disaster Risk Reduction, the conference aims to discuss ways to decentre disaster risk reduction and reflect on its progress in adaptive and sustainable manners. In response, we have meticulously curated a programme that reflects the growth of our dedicated community.

AIWEST-DR 2023 proceedings include papers from academics, professionals, researchers, and students representing 6 countries, Indonesia, Japan, United Kingdom, Taiwan, the Netherlands, and Australia. Out of 112 papers presented at the conference, a total of 38 full papers were accepted upon review by our expert reviewers. These papers are grouped into the following themes:

Track 1: Hazard, Technology, and Infrastructure — This track features 20 papers that delve into the understanding, mapping, and mitigation of risks linked to tsunamis, earthquakes, and floods. The discussions also encompass the socio-economic impacts and vulnerabilities of regions and structures due to such events.

Track 2: Inclusive Community Resilience and Disaster Education — Comprising 3 papers, this track addresses the social facets of disasters, encompassing disaster education, community preparedness, and inclusive disaster risk reduction and management.

Track 3: Urban Planning, Reconstruction, and Recovery — With 2 papers, this track explores the significance of innovative solutions and supportive ecosystems in enhancing resilience and post-disaster recovery.

Track 4: Disaster Society, Culture, and History — This track, with 6 papers, sheds light on traditional and indigenous knowledge about disaster risk reduction and management, the psychosocial dynamics of disaster preparedness and response, and the importance of volunteerism.

Track 5: Human Security, Pandemic, and Communicable Diseases — Represented by 3 papers, discussions here focus on the impact of COVID-19, attitudes towards the COVID-19 vaccine, and the facets of economic and extended recovery.

Track 6: Disaster Governance and Diplomacy — This track includes 4 papers emphasising local, national, regional, bilateral, and multilateral approaches to disaster governance. The discussions also review progress made in achieving the objectives of the Sendai Framework for Disaster Risk Reduction.

Organising the 15th AIWEST-DR 2023 would not have been possible without the collaboration and support of our partners, individuals, and sponsors. We are profoundly grateful for the financial support of UGM’s International Seminar Grant, internal funding from the Faculty of Psychology UGM, and Komatsu.

We also extend our thanks to the local organising committee at the Faculty of Psychology UGM and our esteemed partners at the Tsunami and Disaster Mitigation Research Center (TDMRC) at Universitas Syiah Kuala, the International Research Institute of Disaster Science (IRIDeS) at Tohoku University, the University of Sydney, Poltekkes Kemenkes Mamuju, Cerdas Antisipasi Risiko, and Yakkum Emergency Unit. Special thanks to our colleagues and the extended institutional networks who supported and guided us through the steering committee. Most notably, we are indebted to all the keynote and invited speakers, paper reviewers, participants, colleagues, staff, and students in the organising committee and beyond, who have worked relentlessly to ensure the conference's success and to prepare these proceedings.

Lastly, our gratitude extends to all authors for their invaluable contributions to these proceedings and to every participant for enriching the conference, whether through oral presentations, posters, expo materials, or engaging in discussions.

We trust that readers will find value and inspiration in these proceedings for their research and other academic and professional pursuits.

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