

AIWEST-DR 2018 "Advancing Science and Technology Innovation for Sustainable Disaster Resilience and Risk Reduction" (2018/10/10-11)

Subject: International conference; International collaboration; Tsunami recovery

Place: Banda Aceh City, Aceh Province, Indonesia

On October 10th and 11th, 11th Aceh International Workshop and Expo on Sustainable Tsunami Disaster Recovery (the 11th AIWEST-DR 2018) was held in Banda Aceh, Indonesia, organized by the Tsunami and Disaster Mitigation Research Center (TDMRC) of Syiah Kuala University and co-organized by IRIDeS. At the first AIWEST since the signing of the MOU between the two research institutes in 2016, the following IRIDeS faculty participated in this year's AIWEST.

Professor Shunichi Koshimura (Hazard and Risk Evaluation Research Division), Professor Takeshi Sato, Associate Professor Akihiro Shibayama, Assistant Professor Daisuke Sasaki, Assistant Professor Sébastien Boret (Disaster Information Management and Public Collaboration Division), Assistant Professor Yasuhito Jibiki (G-Safety), and Assistant Professor Elizabeth Maly (Human and Social Response Research Division) attended this workshop. Other IRIDeS faculty who did not attend but contributed by authoring or co-authoring papers include: Director and Professor Fumihiko Imamura and Associate Professor Anawat Suppasri (Hazard and Risk Evaluation Research Division), Professor Yuichi Ono and Associate Professor Shosuke Sato (Disaster Information Management and Public Collaboration Division), Professor Tsukasa Iwata (Regional and Urban Reconstruction Research Division).

Prof. Shunichi Koshimura delivered a keynote speech on the topic of "Enhancement of Earth Observation and Modeling for Enhancing Tsunami Disaster Resilience" on the first day, Oct. 10th. Papers presented in technical sessions on Oct. 11th authored/co-authored by IRIDeS faculty included:

Transforming the Archives of The Great East Japan Earthquake into Global Natural Disaster Archives: Akihiro Shibayama and Sébastien Boret

Aceh's Memorial Sites for The Dead of the 2004 Tsunami: Sébastien Boret and Akihiro Shibayama

Archiving Disaster Remains: The Case Of "Sasanao Factory" In Yuriage Village, Natori City, Miyagi Prefecture: Shosuke Sato, Anawat Suppasri, Sébastien Boret, Masaharu Nakagawa and Fumihiko Imamura

Seven Years' Development of Disaster Education Program at Public Schools in Ishinomaki-City, Miyagi, Japan: Aiko Sakurai, Takeshi Sato, and Yoshiyuki Murayama

Seismic Damage of Structural and Nonstructural Components of Hospital: A Lesson Learnt from Thailand Perspective: Teraphan Ornthammarath and Anawat Suppasri

The Evolution of Localized Disaster Recovery Housing in Japan: Elizabeth Maly and Tsukasa Iwata

Main Features of the Existing Literature Concerning Disaster Statistics: Daisuke Sasaki, Kana Moriyama and Yuichi Ono

A Study of Early Warning System for Complex Disasters by the Community Survey in Cilegon, Indonesia: Yasuhito Jibiki, Dicky Pelupessy, Fatma Lestari and Fumihiko Imamura

Invited for a special session on 'Increasing Coastal Cities Resilience Towards Impacts of Natural Hazards,' Elizabeth Maly gave a presentation on "**Challenges of post-disaster relocation in coastal communities: the case of Tacloban after Typhoon Yolanda.**"

In the AIWEST-DR 2018 Best Paper Awards, the best paper in the category of Applied Technology was awarded to: *Archiving Disaster Remains: The Case Of "Sasanao Factory" in Yuriage Village, Natori City, Miyagi Prefecture:* Shosuke Sato, Anawat Suppasri, Sébastien Boret, Masaharu Nakagawa and Fumihiko Imamura.

Finally, during the closing, Sébastien Boret announced that next year the 12th AIWEST will be held in Sendai in November 2019. It will be organized by IRIDeS with the assistance of TDMRC and immediately precede the World Bosai Forum (dates to be confirmed).

Text by Elizabeth Maly (Human and Social Response Research Division) and Sébastien Boret (Disaster Information Management and Public Collaboration Division)
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Tohoku alumni and IRIDeS participants at AIWEST 2018



Prof. Koshimura's Keynote



Best Paper Awards



Presentations by
 Assoc. Prof. Shibayama



Presentations by
 Asst Prof. Boret



Presentation by
 Asst. Prof. Jibiki



Presentation by
 Asst. Prof. Maly