

IRIDeS faculty member conducted several activities under SATREPS project in Indonesia (2024/9/12-19)

Theme : Disaster science, Coastal hazards, Community resilience
Place : University of Pattimura, Ambon, and Bali, Indonesia

Assoc. Prof. Anawat Suppasri is a sub-leader of the ongoing SATREPS project in Indonesia. This project on disaster resilience and innovation in coastal community is funded by JICA (Japan International Cooperation Agency) and JST (Japan Science and Technology). Ambon City in Maluku Province and Bali Island are two out of four study areas of this project. On the 12th September, a workshop was organized at University of Pattimura to report ongoing results and exchange information and ideas with various stakeholders. Project members also visited other university`s research departments and facilities for discussion on further collaboration.

On the 13th September, the project members visited disaster management agency (BNPB) offices under Ambon city and Maluku province to discuss about the current disaster situation, preparation of hazard map and evacuation plan and data sharing. The team also visited Ambon city mayor to report the activities and strengthen contribution to the local communities. Assoc. Prof. Suppasri also made an invited lecture to students of University of Pattimura.

During the 14th-15th September, the project members visited several villages that had been impacted by the 1950 tsunami caused by a large earthquake in Banda Sea and submarine landslide inside Ambon Bay. Although number of the tsunami warning siren is limited, there are several tsunami evacuation signs and routes in these villages. The group exchanges ideas with leaders of each village on the current situation, further contribution from the project and eyewitness information for future research.

During the 16th-17th September, Assoc. Prof. Suppasri visited tsunami evacuation buildings and mangrove forest areas in Bali as well as made some ground truth observation of buildings for future building type detection using satellite images and machine learning.

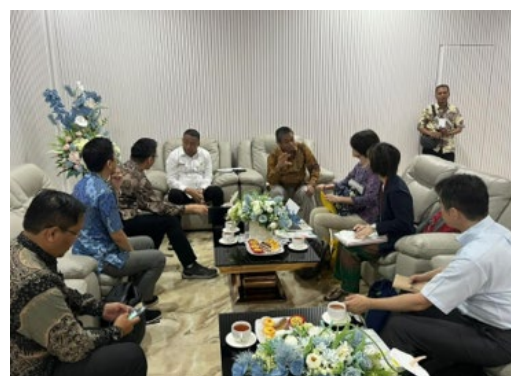
On the 18th September, the Joint Coordinating Committee (JCC) meeting was held in Bali. Assoc. Prof. Suppasri represented Tohoku University as a project`s sub-leader to presented about multi-hazard and risk assessment in four study areas, development of young researchers and exchanged information with other members and audiences from both Japan and Indonesia. On the 19th September, the project members visited mangrove information center in Bali. All results and from the team led by IRIDeS, Tohoku University will be also integrated to guideline for topography and bathymetry development, improvement of the current country`s risk platform, guideline for multi-hazard simulation and assessment.

SATREPS (JST-JICA) Building Sustainable System for Resilience and Innovation in Coastal Community https://www.coast.dpri.kyoto-u.ac.jp/satreps_bricc/

Text and photos : Anawat Suppasri (Tsunami Engineering Lab)



Workshop at University of Pattimura



Meeting with vice-rector of University of Pattimura

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Lecture on tsunami mitigation in Japan



Visit to the house of the mayor of Ambon city



Meeting at local disaster management agency



A village affected by the 1950 tsunami



Eco-tourism spot in a smart village



Tsunami evacuation sign in a tsunami-ready village



Tsunami evacuation building in Bali



SATREPS JCC meeting