

The IRIDeS faculty member visited Ambon City, Indonesia to conduct international joint research under the SATREPS project (2025/9/10-12)

Theme: Tsunami, International collaboration

Place: Ambon City, Indonesia

From the 10th to the 12th of September 2025, Assoc. Prof. Anawat Suppasri and Dr. Constance Ting Chua (Tsunami Engineering Lab), together with colleagues from University of Syiah Kuala (Prof. Syamsidik and Assoc. Prof. Rina Suryani Oktari) and JICA Indonesia staffs visited Ambon City of Indonesia to conduct joint research activities under the SATREPS project. Last year, the team visited several study sites related to the historical tsunami and recognized the importance of bathymetry data for further study of the 1950 tsunami, which was potentially caused by a submarine landslide and future tsunami hazard and risk assessment in Ambon Bay. This year, the team conducted a bathymetric survey to obtain bathymetric (sea depth) data for further studies on submarine landslide tsunami. A focused group discussion on a newly developed disaster information dashboard was also conducted with participation of the mayor of Ambon City, local government and other local stakeholders. The new dashboard comprises our simulated earthquake induced tsunami results and more than 80,000 buildings data surveyed last year for use as fundamental data for a new dashboard for future risk assessment and various planning of Ambon City.



Bathymetric survey of Ambon Bay



Visiting tsunami-ready village



Focused group discussion



Assoc. Prof. Suppasri exchange conversation with the mayor of Ambon City

More details:

SATREPS project: https://www.coast.dpri.kyoto-u.ac.jp/satreps_bricc/

University of Syiah Kuala:

<https://tdmrc.usk.ac.id/2025/09/15/the-first-detailed-bathymetry-image-of-the-ambon-bay-produced-by-tdmrc-and-partners/>

Local news:

PENKOT AMBON: Buka FGD, Wattimena Tegaskan Komitmen Pemkot Perkuat Mitigasi Bencana

DINAMIKA MALUKU: Walikota : Saatnya Warga Kota Ambon Miliki Bangunan Tahan Gempa

Text and photos: Anawat Suppasri