

## **IRIDeS faculty members visited Thailand for the 2025 Myanmar earthquake field survey and strengthened international collaboration (2025/6/3-6)**

Theme: International collaboration, The 2025 Myanmar earthquake

Place: Chiang Mai, Chiang Rai and Bangkok (Thailand)

From the 3<sup>rd</sup> to the 6<sup>th</sup> of June 2025, Prof. Kohju Ikago, Assoc. Prof. Ryuta Enokida (Earthquake Engineering Lab) and Assoc. Prof. Anawat Suppasri (Tsunami Engineering Lab) visited the northern part of Thailand (Chiang Mai Province and Chiang Rai Province) which is close to the epicenter of the 2025 Myanmar Earthquake for a field survey and visited Bangkok to foster international collaboration with Thailand in disaster science.

On the 3<sup>rd</sup> of June, the team visited the Faculty of Architecture, Chiang Mai University with a researcher from the Earthquake Research Center of Thailand (EARTH), Asst. Prof. Titaya Sararit to discuss the damage caused by the 2025 Myanmar Earthquake, future collaboration and visited a hospital building at the Faculty of Medicine, Chiang Mai University that installed Structural Health Monitoring (SHM) sensors. On the 4<sup>th</sup> of June, the team visited the Faculty of Associated Medical Sciences, Chiang Mai University to observe a damaged academic building in the morning. In the afternoon, the team moved to Chiang Rai province and visited two schools that were rebuilt after the 2014 Chiang Rai Earthquake with seismic reinforcement together with another Thai colleague, Asst. Prof. Mongkonkorn Srivichai. On the 5<sup>th</sup> of June, the team visited a hospital in Chiang Rai that had Structural Health Monitoring (SHM) sensors installed. We had several discussions on the safety of public buildings, the seismic reinforcement, the utilization of SHM sensors for evacuation protocol.

On the 6<sup>th</sup> of June, the team visited high-rise residential projects such as Whizdom Essence (101) projects owned by Magnolia Quality Development Corporation Limited (MQDC) with researchers from EARTH, Prof. Pennung Warnitchai (Director), Assoc. Prof. Teraphan Ornthammarath and Mr. Nattapon Trumikaborworn. We discussed the structural design, seismic reinforcement, SHM sensors installation and evacuation plan for high-rise buildings in Thailand. After that, we moved to DTGO CampUs (MQDC's headquarters) and signed an MOU for research collaboration between the Earthquake Engineering Lab (IRIDeS), the Tsunami Engineering Lab (IRIDeS), EARTH and MQDC with discussion on future contributions from Japan with the First Secretary of the Embassy of Japan in Thailand. We hope that the industry-academia collaboration between IRIDeS, EARTH and MQDC will increase earthquake resilience in Thailand in various perspectives.

Text and photos : Anawat Suppasri  
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At Faculty of Architecture, Chiang Mai University



At Faculty of Medicine, Chiang Mai University



At Faculty of Associated Medical Sciences



At a school in Chiang Rai



At a school in Chiang Rai



At a hospital in Chiang Rai



At Whizdom Essence (101)



At DTGO CampUs (MQDC's headquarters)