



Asia Tsunami Workshop 2025 Program

Date: 20 - 21 November 2025

Venue: Takeda Hall (5th Floor of the Takeda Building,
the University of Tokyo)

DAY 1: Thursday, 20 November 2025

#Student presenters

Time	Speaker	Title
09:00 – 09:10	Welcome speech	
Oral Presentations O01 – O06		Chairs: Toshitaka Baba, Haijiang Liu
09:10 – 09:35	Kenji Satake <i>National Central University</i>	O01: The 2025 and 1952 Kamchatka Earthquakes Inferred from Tsunami Data
09:35 – 10:00	Philip L-F. Liu <i>Cornell University</i>	O02: Asymptotic solutions of transient waves in finite water depth
10:00 – 10:15	Aditya Gusman <i>Earth Sciences New Zealand</i>	O03: Revisiting the 1952 Kamchatka Earthquake Through the Lens of the 2025 Event
10:15 – 10:30	Boris Maletckii <i>The University of Tokyo</i>	O04: Automatic Rapid Tsunami Identification and Tracking by ionospheric GNSS data. The 2025 Kamchatka tsunami case in the far-field
10:30 – 10:45	Masato Kamiya <i>The University of Tokyo</i>	O05: A Source Model of the 2024 Noto Peninsula Earthquake Estimated by Nonlinear Joint Inversion using Tsunami Heights and Geodetic Data
10:45 - 11:00	Muhammad Daffa Al Farizi <i>Tohoku University</i>	O06: Submarine Landslide Induced Tsunami Modeling Using 3D Slope Stability Analysis Method: The 2024 Noto Peninsula Earthquake and Tsunami in Toyama Bay, Japan
11:00 – 11:10	Group Photo	
11:10 – 11:30	Coffee Break and Poster Discussion	
5-mins Poster Presentations P01 – P08		Chairs: Aditya Gusuman, Constance Ting Chua
11:30	Masayoshi Someya [#] <i>The University of Tokyo</i>	P01: Slip Models of the 2025 and 1952 Kamchatka Earthquakes Estimated by Tsunami Waveform Inversion
11:35	Kiyohiro Ishijima [#] <i>The University of Tokyo</i>	P02: Inversion analysis of the 2025 Kamchatka Peninsula earthquake tsunami by SWOT satellite
11:40	Quan Yuan [#] <i>Zhejiang University</i>	P03: On the time-varying wave features around the Hawaiian island chains during the 2025 Kamchatka tsunami
11:45	An-Chi Cheng <i>Tohoku University</i>	P04: Simulation of Tsunami Later Phases Along East Japan Coast induced by the 2025 Mw 8.8 Kamchatka Earthquake
11:50	Eita Koura [#] <i>Shinshu University</i>	P05: Comparison of submarine landslide tsunami generation models: A case study of the 2024 Noto Peninsula Earthquake
11:55	Hidetoshi Masuda [#] <i>Tohoku University</i>	P06: Surrogate-assisted nonlinear inversion of the 2024 Noto Peninsula tsunami
12:00	Aoi Kudo [#] <i>The University of Tokyo</i>	P07: Detection of Undetected Non-Seismic Tsunamis Using DONET Ocean Bottom Pressure Gauge Records
12:05	Ming-Jen Lo [#] <i>National Central University</i>	P08: Investigation of the Fault Model of the 2024 Hualien Earthquake Using Tsunami Waveform Inversion
12:10-14:00	Lunch Break & Poster session	
Oral Presentations O07 – O10		Chairs: Xiaoming Wang, Naotaka Chikasada
14:00 – 14:15	Tomoya Iwasaki <i>Tohoku University</i>	O07: Industry-academia collaboration on parametric insurance solutions for tsunamis in Japan
14:15 – 14:30	Constance Ting Chua <i>Tohoku University</i>	O08: A proposed approach towards developing continuous coastal elevation data for tsunami-prone areas in Indonesia

14:30 - 14:45	Yifan Zhu [#] <i>Shanghai Jiao Tong University</i>	O09: Tsunami Hazard in South China Sea Elevated by Manila Megathrust Supercycles
14:45 - 15:00	Bing-Ru Wu <i>National Science and Technology Center for Disaster Reduction</i>	O10: Updated Tsunami Inundation Hazard Maps in Taiwan: Supporting Evacuation Planning and Operations
5-mins Poster Presentations P09 – P20		Chairs: Osamu Sandanbata, Yifan Zhu
15:00	Ryuto Nakamura [#] <i>Shinshu University</i>	P09: Modeling the 1026 CE Manju Tsunami to constrain its source and magnitude
15:05	Ting Li [#] <i>Hefei University of Technology</i>	P10: Simulation of the Seismic-Tsunami-Atmospheric Coupling after an earthquake and an explosion source
15:10	Yi-Xuan Huang [#] <i>National Central University</i>	P11: Advancement of Landslide-Induced Tsunami Modeling Using a Three-Dimensional Rigid-Fluid Method
15:15	Yilin Zhang [#] <i>Sun Yat-sen University</i>	P12: Tsunami Resilience Assessment of Educational Buildings Based on High-Resolution Simulations: A Case Study of Shantou University
15:20	Yusi Wu <i>Hong Kong Polytechnic University</i>	P13: Numerical modeling of coastal flooding in Macau during a synthetic tsunami event
15:25	Katsuya Maehashi [#] <i>Shinshu University</i>	P14: Evaluation of tsunami generation processes during the 1596 CE Keicho Bungo earthquake through numerical simulations
15:30	Yushi Miki [#] <i>Tohoku University</i>	P15: Probabilistic Estimation of Business Interruption Losses Caused by Tsunamis: An Approach Using Data from the 2011 Great East Japan Earthquake and Tsunami
15:35	Cheng Niu [#] <i>Sun Yat-Sen University</i>	P16: Evaluating Tsunami hazard in the Guangdong–Hong Kong–Macao Greater Bay Area
15:40	Paul Cadelina Rivera <i>Hymetoccean Peers Co.</i>	P17: Modeling the Mysterious Tsunami Swirls in the Northeast Coast of Japan during the March 2011 Tohoku Earthquake
15:45	Tomohiro Kuga [#] <i>Kyoto University</i>	P18: Uncertainty Tsunami Runup Considering Stochastic Disturbance in Initial Waveforms
15:50	Daichi Terashita [#] <i>Kyoto University</i>	P19: GNSS Positioning Accuracy Estimation for Wave and Tsunami Buoy Observation Development
15:55	Shota Amou [#] <i>Tokushima University</i>	P20: Slip distribution of the 2024 Hualien earthquake estimated from linear tsunami inversion
16:00 – 16:30	Coffee Break and Poster Discussion	
Oral Presentations O11 – O15		Chairs: Tso-Ren Wu, Yuzhu Pearl Li
16:30 - 16:45	Shigehiro Fujino <i>University of Tsukuba</i>	O11: Stratigraphic records reveal variable tsunami recurrence intervals along the Nankai Trough
16:45 - 17:00	Yoshinobu Tsuji <i>Earthquake and Tsunami Disaster Prevention Strategy Institute</i>	O12: What was the cause of the gigantic tsunami attacked Shishikui port town, Tokushima Prefecture, Shikoku, on 23rd September, 1512?
17:00 – 17:15	Yaoqiu Kuang <i>Jinan University</i>	O13: Historical records and geological evidence of a Devastating tsunami from the South China Sea in 107 BC left in the South China region
17:15 – 17:30	Thystere Matondo Bantidi <i>Association for the Development of Earthquake Prediction</i>	O14: A Phenomenological Reconstruction of the 1755 Great Lisbon Earthquake Source Based on Tsunami, Intensity, and Stress Modeling
17:30 – 17:45	J. Bruce H. Shyu <i>National Taiwan University</i>	O15: Mid- to late Holocene marine reservoir age correction (ΔR) for the Taiwan Strait and the northeastern South China Sea
18:00 – 20:00	Networking Reception	



DAY 2: Friday, 21 November 2025

Time	Speaker	Title
Oral Presentations O17 – O24		Chairs: Linlin Li, Anawat Suppasri
09:00 – 09:30	Harry Yeh <i>Chuo University</i>	O16: Evolution of Tsunami-Like Waves Perturbed by a Longitudinal Sill
09:30 – 09:45	Toshitaka Baba <i>Tokushima University</i>	O17: Two-dimensional non-hydrostatic two-layer model for the generation and propagation of submarine landslide tsunamis
09:45 – 10:00	Xiaoming Wang <i>Tsinghua University</i>	O18: Submarine landslide tsunami hazards in southern Japan Sea
10:00 - 10:15	Naotaka Chikasada <i>National Research Institute for Earth Science and Disaster Resilience</i>	O19: Development of Meteorological Tsunami Simulation Code and Parameter Study
10:15 - 10:30	Tso-Ren Wu <i>National Central University</i>	O20: What Caused the Amplification of the 2022 Tonga Meteotsunami: Lamb Waves or Other Mechanisms?
10:30 - 11:00	Coffee Break	
11:00 - 11:15	Yuzhu Pearl Li <i>National University of Singapore</i>	O21: Full-scale CFD simulation of tsunami-induced scour with three-dimensional seepage
11:15 - 11:30	Haijiang Liu <i>Zhejiang University</i>	O22: On the seaward boundary condition of the dam-break swash model
11:30 - 11:45	Sri Redjeki Pudjaprasetya <i>Institut Teknologi Bandung</i>	O23: A two-dimensional non-hydrostatic numerical model for dispersive waves generated by submerged landslides
11:45 - 12:00	Best Student Presentation Award	
12:00 – 12:15	Concluding Remarks	

