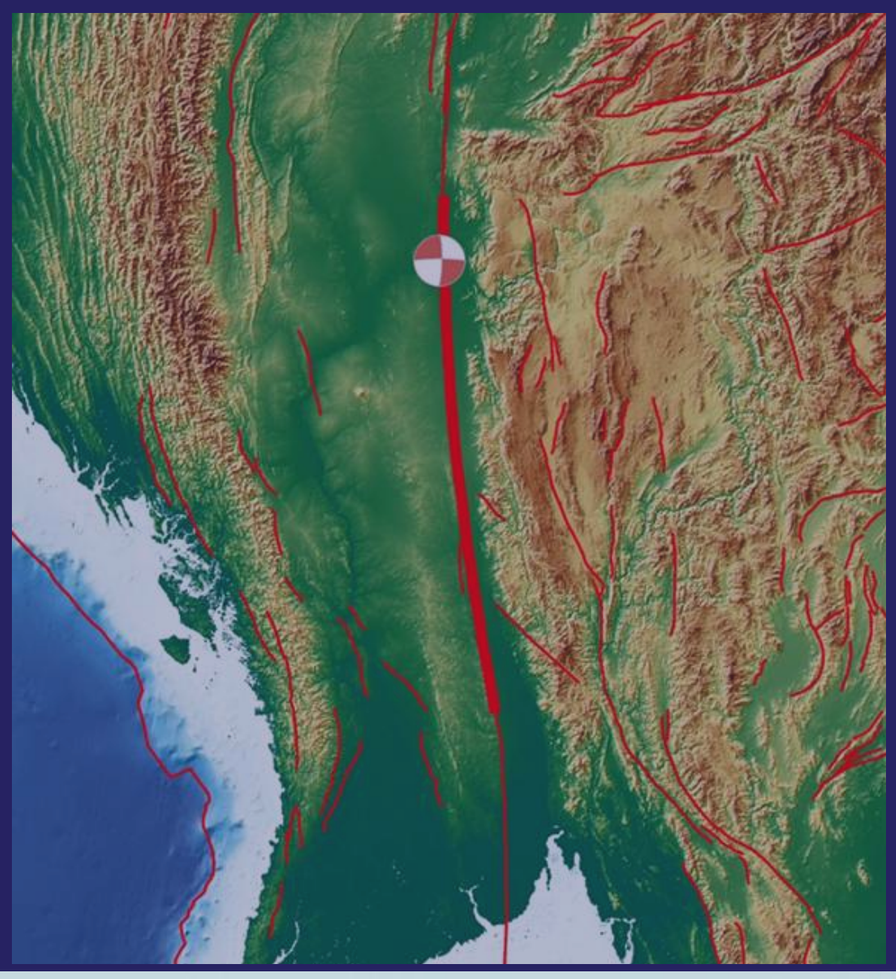
The memorial conference on the 2025 M7.7 Myanmar earthquake

March 27, 2026



DAY - 1
(9:00 - 12:20 MMT)

09:00 - 09:10	**OPENING CEREMONY**
09:10 - 09:30	**Mature fault mechanics revealed by the highly efficient 2025 Mandalay earthquake** (*Eric Lindsey, University of New Mexico*)
09:30- 09:50	**Supershear rupture sustained through a thick fault zone in the 2025 Mw 7.8 Mandalay earthquake** (*Shengji Wei, IGGCAS*)
09:50 - 10:10	**Curved fault slip captured by CCTV video during the 2025 Myanmar earthquake** (*Jesse Kearse, Victoria University of Wellington, New Zealand*)
10:10 - 10:30	**A tale of three events: systematic comparison of mainshock rupture properties, sequence behaviors and fault zone structures for recent major continental earthquake sequences** (*Zhigang Peng, Georgia Institute of Technology*)
10:30 - 10:40	**------- BREAK----------**
10:40 - 11:00	**Remote observations of surface rupture and slip distribution of the 2025 M7.7 Mandalay earthquake: Implications for length scaling of supershear earthquakes** (*Nadine G Reitman, USGS*)
11:00 - 11:20	**Viscoelastic Slip Deficit of the Sagaing Fault System and Its Implications for the 2025 Mw 7.7 Myanmar Earthquake** (*Zhang Lupeng, China Earthquake Administration*)
11:20 - 11:40	**Limited off-fault deformations along the 2025 Mandalay earthquake rupture** (*Wang Yu, National Taiwan University*)
11:40 - 12:00	**Active faults in Myanmar revealed by Machine Learning** (*Chit Thet Mon, IGGCAS*)
12:00 - 12:20	**Bi-model earthquake characters along the western Myanmar plate boundary belt** (*J. Bruce H. Shu, National Taiwan University*)

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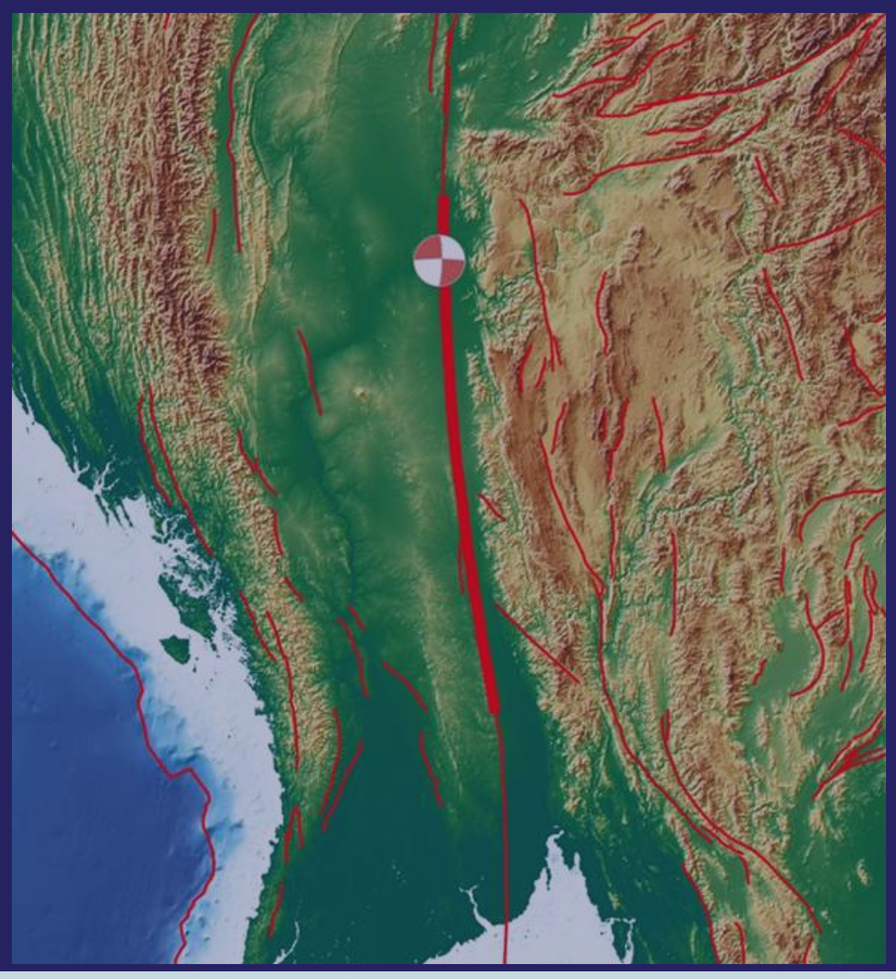
March 28, 2026



DAY - 2
(9:00 - 12:10 MMT)

09:00 - 09:20	**Community-Based Macroseismic Mapping of the 2025 Mw 7.7 Mandalay/Sagaing Earthquake** (*Ei Mhone Nathar Myo, National Taiwan University*)
09:20 - 09:40	**Far-field ground motion characteristics of the Bangkok Basin, Thailand, in the 2025 Mw 7.7 Mandalay earthquake: initial insights** (*Teraphan Ornthammarath, Mahidol University*)
09:40- 10:00	**Observed H/V Responses in Thailand from the 2025 Mw 7.7 Myanmar Earthquake** (*Passakorn Pananont, Kasetsart University*)
10:00 - 10:20	**Impact of the 28 March Earthquake on Bangkok from building damage inspection reports** (*Panon Latcharote, Mahidol University*)
10:20 - 10:30	**------- BREAK---------**
10:30 - 10:50	**Geological Controls on Damage Proxy Map Performance** (*Mauritz Feldbrugge, Earth Observatory of Singapore, Singapore)*
10:50 - 11:10	**Post Earthquake Damage Assessment of Stilt Houses in Inle Lake following the M7.7 Mandalay Earthquake** (*Khin Myat Kyaw, Institute of Industrial Science, Tokyo University*)
11:10 - 11:30	**Damage mechanisms and seismic vulnerability of building structures following the 2025 M 7.7 Mandalay earthquake sequence, Myanmar** *(Wai Yar Aung, Earthquake Clinic, Myanmar)*
11:30 - 11:50	**Assessment of Knowledge, Preparedness, and Practice on Earthquake-Resistant Housing Construction in Mandalay, Myanmar** (*Hnin Wai Lwin, Asian Institute of Technology*)
11:50 - 12:10	**Post-Earthquake Building Assessment After the 2025 Myanmar Earthquake** (*Myo Htet Kyaw, MMHK Co. Ltd.*)

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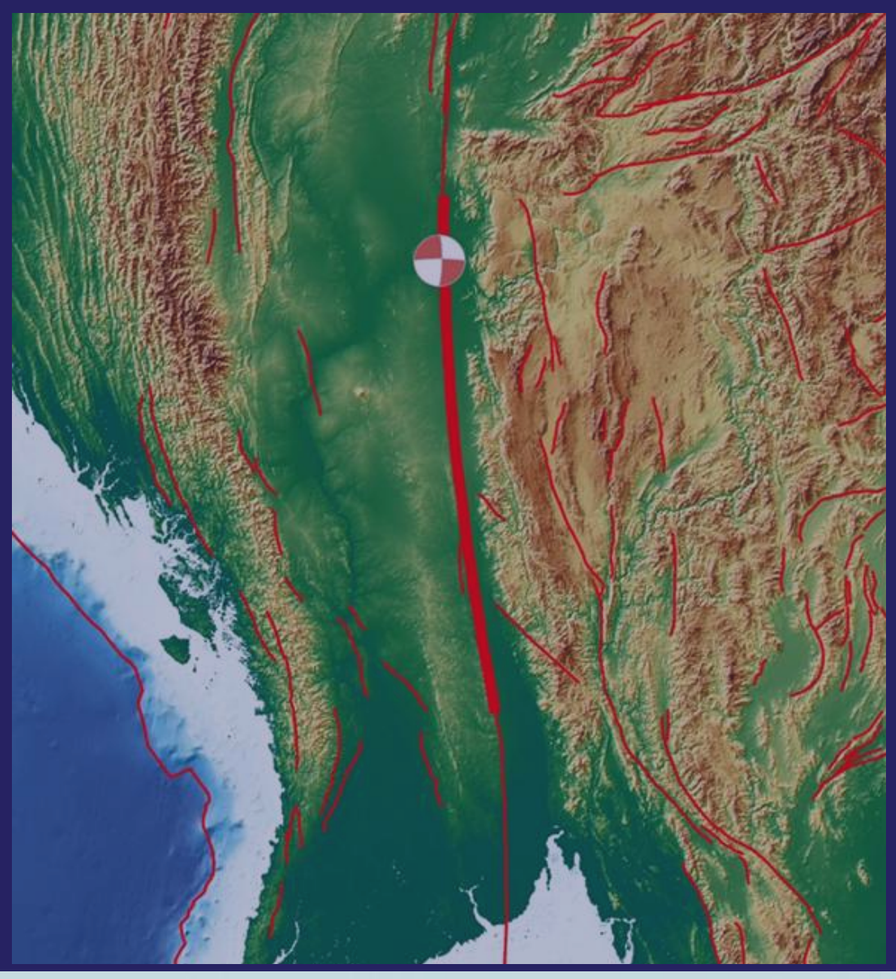
March 29, 2026



DAY - 3
(9:00 - 12:20 MMT)

09:00 - 09:20	**The impact of the M7.7 Mandalay earthquake on high-rise buildings in Bangkok** (*Pennung Warnitchai, Asian Institute of Technology*)
09:20 - 09:40	**Integration of PSHA and the Mw 7.7 Mandalay Earthquake Event for Liquefaction Hazard Assessment in Yangon, Myanmar** (*Yaung Ni Paw Oo, Chulalongkorn University*)
09:40- 10:00	**3-Stage Scaling Laws for Fault Area, Length, Width, and Average Slip of Crustal Earthquakes for Seismic Hazard Assessment** (*Hiroshi Kawase, GBRC, Japan*)
10:00 - 10:20	**Learning from the 2025 Mw7.7 Mandalay Earthquake: Multi-Fault Rupture Implications along the Sagaing Fault and Probabilistic Seismic Hazard Assessment** (*Chung-Han Chan, National Central University, Taiwan*)
10:20 - 10:30	**------- BREAK----------**
10:30 - 10:50	**Ground motion estimation of cities in Myanmar based on subsurface structure derived from microtremor observation** (*Shinichi Matsushima, DPRI, Kyoto University*)
10:50 - 11:10	**Application of PSHA models and the 2025 M7.7 Myanmar Earthquake** *(Myo Thant, MIEPS)*
11:10 - 11:30	**Geospatial Assessment of Land Cover Dynamics and Seismic Vulnerability in Yangon, Myanmar** (*Hsu Mon Kyaw, Gran Sasso Science Institute, Italy*)
11:30 - 11:50	**Recurrence interval of surface-rupturing earthquakes on the Pyu segment of the Sagaing fault, Myanmar, revealed by paleoseismic trenching** (*Hiroyuki Tsutsumi, Doshisha University*)
11:50 - 12:10	**Recurrence interval and possible slip rate for the Sagaing Fault from trenching near the 2025 earthquake epicenter** (*Ray Weldon, University of Oregon*)
12:10 - 12:20	**CLOSING CEREMONY**

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