

### Tentative program

## Kyoto University On-site Laboratory and SATREPS - Tsunami joint symposium Compound Disaster Risk Reduction associated with Large Earthquakes and Tsunamis -Collaboration among Japan, Mexico, and El Salvador-

Date and Time: July 30, 2025, from 9:30 to 17:30 (Venue opens at 9:10 am)

Venue: Kihada Hall, Kyoto University Uji campus ([map](#))

### Opening ceremony (5 min each)

9:30	<ul style="list-style-type: none"> <li>• Prof. Yasuyuki Kono, Vice-President for International Strategy, Kyoto University／河野泰之副学長 京都大学・国際戦略担当</li> <li>• H.E. Ms. Melba Pría, Ambassador Extraordinary and Plenipotentiary of the United Mexican States／メルバ・プリーア駐日メキシコ大使</li> <li>• H. E. Mr. Diego Alejandro Dalton Rosales, Ambassador, Extraordinary and Plenipotentiary of the Republic of El Salvador／ディエゴ・アレハンドロ・ダルトン・ロサレス駐日エルサルバドル大使 (TBC)</li> <li>• Prof. Tomoharu Hori, Director, Disaster Prevention Research Institute, Kyoto University／堀智晴所長 京都大学・防災研究所</li> </ul>
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### Presentation session (15 min presentation and 4 min Q&A)

10:00	<b>“Overall progress of the SATREPS-Tsunami project”</b> Genta Nakano, Assoc. Professor, Kyoto University
10:15	<b>“Introduction of the Kyoto University On-site Laboratory “iLETs”: Goal and future perspective”</b> Yoshihiro Ito, Professor, Kyoto University
10:30	<b>“Detection of Repeating Earthquakes Offshore El Salvador in the Central America Subduction Zone and Implications for Plate Interface Slip Behavior”</b> Tomoaki Nishikawa, Assoc. Professor, Kyoto University
10:50	<b>“Modeling the Seismic Cycle in the Mexican Subduction Zone: Recent Numerical Advances”</b> Josue Tago, Assoc. Professor, National Autonomous University of Mexico
11:10	<b>“Graphical Dirichlet Processes for Inhomogeneous Spatial Poisson Process Intensities with Applications to Seismology”</b> Isaias Bañales, Researcher, Kyoto University



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11:30	Poster session -Core time
12:00	Lunch break
13:00	<b>“Salvadoran Geochemistry Network (REDGEOSAL) - A commitment to seismic-volcanic monitoring with a multidisciplinary vision in the SATREPS Project”</b>  Rodolfo Olmos, Professor, El Salvador University
13:20	<b>“DAS Scaling Relations for S Waves in Mexico City: A Framework for Source-Site Decoupling and Acceleration Assessment”</b>  Manuel J. Aguilar-Velazquez, Researcher, University of Tokyo
13:40	<b>“Near Surface Ambient Noise Exploration: Applications to Subsoil Velocity Structure Characterization”</b>  Martin Cardenas, Professor, National Autonomous University of Mexico
14:00	<b>“To be defined”</b>  Jonatan Arreola Manzano, Sub-director, National Disaster Prevention Center (CENAPRED)
14:20	<b>“Hazard assessment through site characterization and strong motion simulation toward disaster mitigation in Acajutla, El Salvador”</b>  Luis Eduardo Cortez Hernandez, master student, National Building Research Institute   Japan
14:40	<b>“Assessing Seismic Risk for Effective Disaster Management at an Urban Scale in El Salvador”</b>  Luis Mixco, Seismologist, Ministry of Environment and Natural Resources   El Salvador
15:00	Coffee Break - Open Discussion
15:20	<b>“Numerical Modelling of Tsunamis on Mexico's Pacific Coast”</b>  Francisco Romario Franco Pineda, master student, National Autonomous University of Mexico
15:40	<b>“Identifying hazards and potential impacts in coastal areas: Manzanillo and Acajutla”</b>  Lina Parra, Researcher, Kyoto University
16:00	<b>“Damage to the Port of Manzanillo and Its Impact on the Supply Chain”</b>  Mikio Takebayashi, Professor, Kobe University
16:20	<b>“Application of Counter-weight Block for Tsunami Prevention and Its Improvement”</b>  Tetsuya Hiraishi, Coastal Development Institute of Technology   Japan
16:40	<b>“Utilizing disaster preparedness strategies to mitigate mental health issues in the context of complex disasters”</b>  Rodrigo Garibay, Researcher, Kyoto University



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<b>Presentation session (15 min presentation and 4 min Q&amp;A)</b>	
17:00	<b>“SATREPS Peru – SEIDAS Project: Development of Integrated Expert System for Estimation and Observation of Damage Level of Infrastructure in Lima Metropolitan Area”</b>  Edison Alberto Moscoso Alcantara, National University of Engineering   Peru
17:20	Discussion-Integration: Josue Tago and Genta Nakano Feedback: Masato Iguchi, Research supervisor, JST
17:30	Closing remarks

<b>Poster Session (11:30-)</b>	
1	<b>“Identification of Possible Tsunami Earthquakes Along the Mexican and Salvadoran Subduction Zone”</b>  Ketzallina Flores Ibarra, Kyoto University
2	<b>“Detection of earthquake swarms and investigation of their relationship with slow earthquakes in the Hyuga-nada Region, Japan”</b>  Yoshimura Ryo, Kyoto University
3	<b>“Microseismicity around Offshore Guerrero inferred from ocean bottom seismic observation”</b>  Shukei Ohyanagi, Kyoto University
4	<b>“Global investigation of foreshock acceleration prior to large earthquakes”</b>  Kai Koyama, Kyoto University
5	<b>“New insight into slow earthquakes activity at the Guerrero seismic gap, Mexico”</b>  Yanhan Chen, Kyoto University