

The 2nd GLOBAL SEMINAR

ON SUSTAINABLE & EARTHQUAKE RESILIENT STRUCTURES

6 International researchers from Japan and worldwide present their new research findings.

OBJECTIVE
The seminar provides a platform to share new research findings on sustainable structures, their seismic and earthquake resistance, their resilience and recovery after disasters.

RESEARCH TOPICS

- Sustainable timber structures
- Earthquake resistant structures
- Resilience and health monitoring
- New directions for sustainable buildings

DATE
Sat, 18th, 2023 (Sat, 18th, 2023)
14:00-19:00 (GMT+9)

VENUE
Osaka University
4-1 Honcho, Suita City, Osaka 565-0871, Japan

REGISTRATION
The registration is free and open to all. Registration fee will be 10,000 JPY for those who do not attend in person.

CONTACT
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The 2nd GLOBAL SEMINAR Seminar Program

14:00-14:15 Opening session and Welcome message
Moderated by Naoyuki Kawachi, Dr. Naoyuki Kawachi, Osaka University

14:15-14:30 Welcome Message by Chair and/or Organizing Committee Members
Dr. Naoyuki Kawachi, Osaka University

14:30-14:45 Insights and Lessons Learned from the 2023 Turkey-Hazak Earthquake: Implications for Reinforcing Walls in Turkey
Dr. Aydin Akbulut, Istanbul Technical University, Turkey

14:45-15:00 Regional Seismic Hazard Impact on the Buildings
Dr. Kazuo Yamashiro, The Institute of Space and Astronautical Sciences, Japan Aerospace Exploration Agency, Japan

15:00-15:15 Break

15:15-15:30 Carbon sequestration for buildings without sensors on all floors
Dr. Naveed Zaman, University of Illinois at Chicago, USA

15:30-15:45 Limited Sensors to Estimate Changes in Stiffness of Structures
Dr. Naoyuki Kawachi, Osaka University, Japan

15:45-16:00 Exploring the Potential of CLT Timber Walls for Resisting Earthquake-Damaged Reinforced Concrete Buildings
Dr. Naoyuki Kawachi, Osaka University, Japan

16:00-16:15 Closing remarks

086-251-8463
