

The 3rd International Symposium on Disaster Mitigation Researches in Earthquake-Prone Countries

— Real time monitoring systems,
simulations, observations and educations —

November 29th, 2018
Multipurpose Hall, OLIVE SQUARE

Saiwai-cho Campus, Kagawa University
(1-1 Saiwai-cho, Takamatsu, Kagawa)

No charge for symposium participation

JAPAN-EARTHQUAKE-PRONE COUNTRY

International collaboration is indispensable on earthquake-tsunami damage reduction research in Japan.

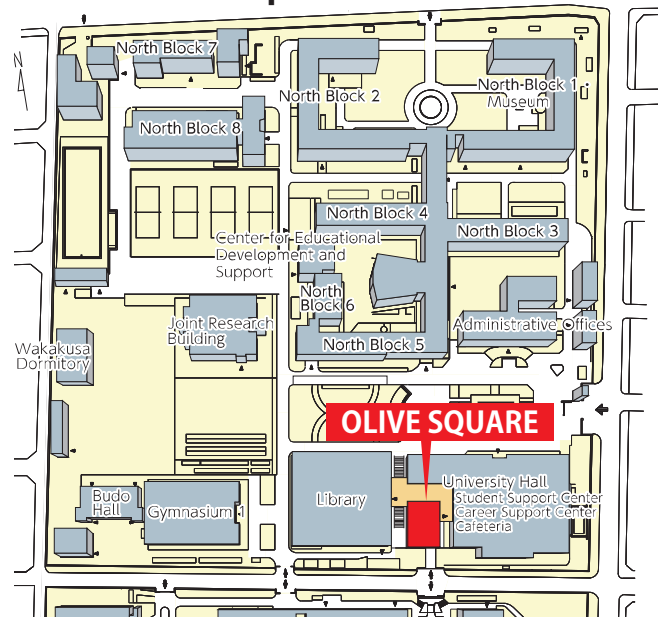
At this international symposium, we will invite researchers from earthquake-prone countries and discuss the future disaster mitigation science research.

In particular, we will present the current situation and results regarding the research on utilization of ocean floor observation network and real-time monitoring information, simulation, observation, and disaster mitigation education.

Location Map



Saiwai-cho Campus



9:00 Registration

9:30 Opening Address (Masaaki Tokuda, Vice President of Kagawa University)

First Session 9:35–12:00

Chair: Masahide Ishizuka

- Resilience Science and Resilience Society part2
Yoshiyuki Kaneda (Kagawa University, Japan)
- Shear-Wave Velocity Structure Study of the Taichung Area, Taiwan Using Microtremor Array Measurements
Huey-Chu Huang (National Chung Cheng University, Taiwan)
- The seismogenic structures in Taiwan by GNSS and SAR interferometry : The insights of 2016 Meilong earthquake and 2018 Hualien earthquake
Min-Chien Tsai (Central Weather Bureau, Taiwan)

Coffee Break (15min)

- CO2 emission scenarios and the effective mitigation strategies in Japan
Tetsuya Tamaki (Kagawa University, Japan)
- Earthquake risk interpretation and action for future earthquakes in Pokhara city after the 2015 Gorkha Earthquake
Ranjan Kumar Dahal (Tribhuvan University, Nepal)

Lunch Break 12:00–13:00

Second Session 13:00–15:15

Chair: Chikako Isouchi

- Post Earthquakes geological assessment : Learned and Lessons from Lombok and Palu Earthquakes, Indonesia
Benyamin Sapiie (Institut Teknologi Bandung, Indonesia)
- Risk scenarios and resilience measures in Peru
Herman Ivan Vasquez Rivasplata (Instituto Nacional de Defensa Civil (INDECI), Peru)
- Simulation of Rupture Directivity Effect for the February 6, 2018 Hualien, Taiwan Earthquake
Cheng-Feng Wu (National Chung Cheng University, Taiwan)
- Studies on Earthquake and Reduction of Disaster Damages at the Kandilli Observatory, Bogazici University, Turkey
Kalafat Dogan (Bogazici University, Turkey)
- Reconstruction of community and prevention of the elderly's isolation in the disaster devastated areas
Mitoko Nakashima (Kagawa University, Japan)

Coffee Break (15min)

Third Session 15:30–17:00

Chair: Kyosuke Takahashi

- Real-time tsunami prediction system using ocean-floor network system for earthquakes and tsunamis
Narumi Takahashi (National Research Institute for Earth Science and Disaster Resilience, Japan)
- Development of seismic response analysis method using high fidelity models of large-scale reinforced concrete structures
Hiroki Motoyama (Kagawa University, Japan)
- An Approach to Linking Engineering Outputs and Economic Models for Disaster Impact Assessment
Yoshio Kajitani (Kagawa University, Japan)
- Experience of processing ocean-bottom observatory signals registered during earthquakes and tsunamis
Mikhail Nosov (M.V.Lomonosov Moscow State University, Russia)

17:05 Closing Address (Hidenori Yoshida, Director of IECMS, Kagawa University)

※18:00–19:30 Reception (at "Sorami")

AM
9:30
12:00

PM
13:00
17:10