

The 4th

# International Symposium on Disaster Mitigation Researches in Earthquake-Prone Countries

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

## November 13 wed, 2019

### Multipurpose Hall, OLIVE SQUARE

No charge for symposium participation

Saiwai-cho Campus, Kagawa University

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

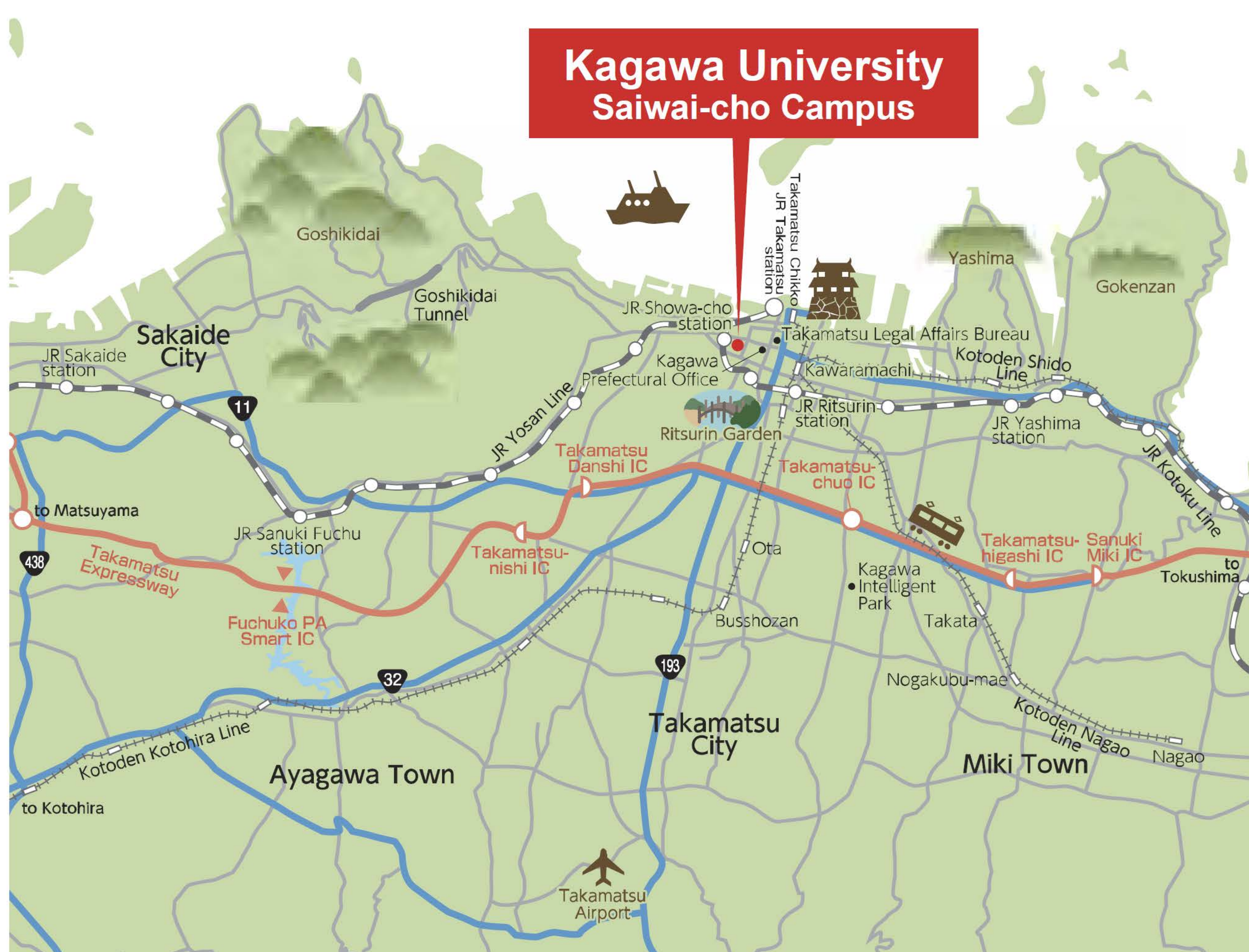
### JAPAN-EARTHQUAKE-PRONE COUNTRY

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

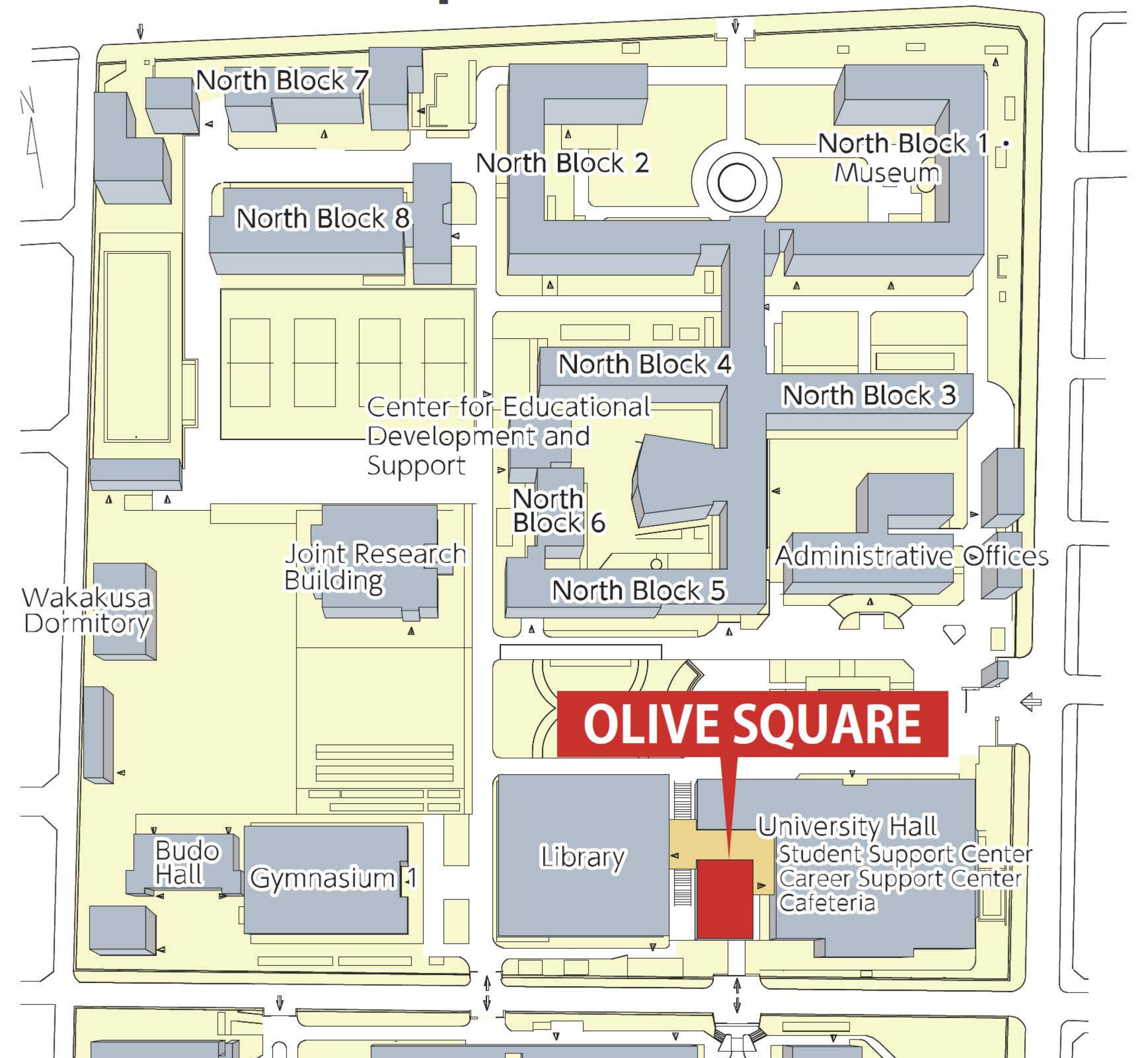
At this international symposium, we will invite researchers from earthquake-prone countries and discuss the future disaster mitigation science research.

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: **Shuichi Hasegawa**

- Revision of the Real-time Tsunami Prediction System and the Future Plan  
Narumi Takahashi (National Research Institute for Earth Science and Disaster Resilience, Japan)
- Disaster Risk Reduction and Management Act 2017: A Comprehensive Road Map for Resilient Nepal  
Gangalal Tuladhar (ICMS, Samarpan Academy affiliated with Tribhuvan Uni., Nepal)
- Community-Based Landslide Risk Assessment and Mitigation Plan in Western Nepal  
Ranjan Kumar Dahal (Tribhuvan Uni., Nepal)

Coffee Break (15min)

- A method for estimating the road damage due to landslide triggered by Nankai-trough earthquake.  
Atsuko Nonomura (Kagawa Uni., Japan)
- Technology Transfer for Geohazard Management from Developed Countries to Developing Countries  
-A case study of Rockfall Hazared Mitigation in Nepal  
Manita Timilsina (Tribhuvan Uni., Nepal)

Lunch Break 12:00–13:00

## Second Session 13:00–15:20

Chair: **Yoshiyuki Kaneda**

- Verification of the «CPTM» Tsunami Model Based on the Donet Deep-Sea Observatory Records  
Kirill A. Sementsov (M.V.Lomonosov Moscow State Uni., Russia)
- Shallow shear-wave velocity structures and site effect study of the Taipei Basin, Taiwan  
Huey-Chu Huang (National Chung Cheng Uni., Taiwan)
- Actions of the National Institute of Peruvian Civil Defense in the Risk Disaster Management by earthquakes  
Marco Andres Moreno Tapia (Instituto Nacional de Defensa Civil (INDECI) , Peru)
- Contributions of KOERI to Earthquake Risk Mitigation Studies in Turkey  
Gulum Tanircan (Boazici Uni., Turkey)
- Developments of the seismic monitoring in Taiwan after the 1999 Chi-Chi earthquake  
Nai-Chi Hsiao (Central Weather Bureau, Taiwan)

Coffee Break (15min)

## Third Session 15:35–17:10

Chair: **Yoshio Kajitani**

- Application of Near Surface Geophysical Tool for Geo-hazard Identification  
Prihadi Sumintadireja (Institut Teknologi Bandung, Indonesia)
- Numerical Simulations of Short-wavelength Tsunamis Caused by Submarine Landslides and Outer-rise Earthquakes  
Toshitaka Baba (Tokushima Uni., Japan)
- Studies on Tsunami Hazard Assessment and Mitigation as a part of Disaster Resilience Actions in Takamatsu City  
Ceren Ozer Sozdinler (Kagawa Uni., Japan)
- Towards Resilience Science and Resilient Society in CoDMiS Countries  
–Advanced Science and Technology and Human Resource Cultivation against Enormous Natural Disasters–  
Yoshiyuki Kaneda (Kagawa Uni., Japan)

17:10 Closing Address (Hidenori Yoshida, Director of IECMS, Kagawa University)

※18:00–19:30 Reception (at “Sorami”)

**AM**

9:30  
▼  
12:00

**PM**

13:00  
▼  
17:15