2018

KAGAWA UNIVERSITY

International Symposium on Disaster Mitigation Researches in Earthquake-Prone Countries

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

January 10 wed, 2018

Multipurpose Hall, OLIVE SQUARE

Saiwai-cho Campus, Kagawa University
(1-1 Saiwai-cho, Takamatsu, Kagawa)
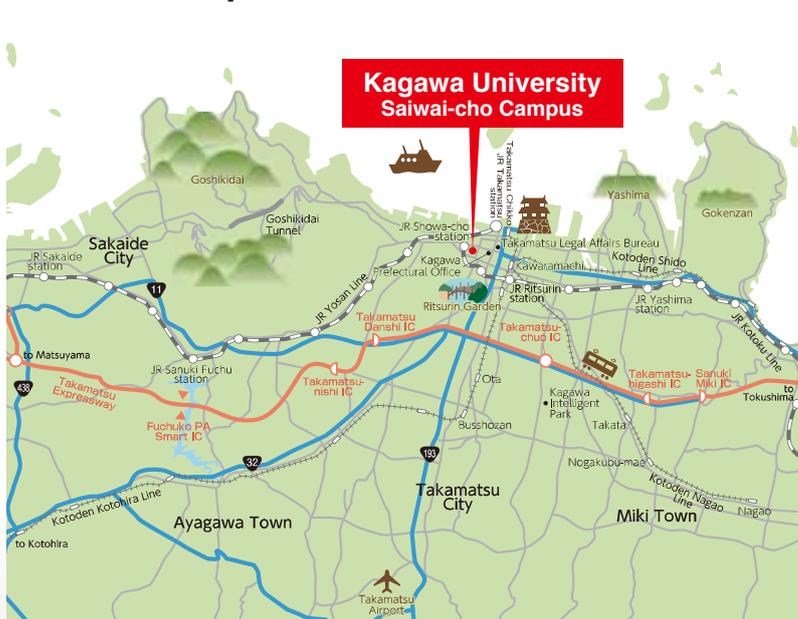
No charge for participation

JAPAN-EARTHQUAKE-PRONE COUNTRY

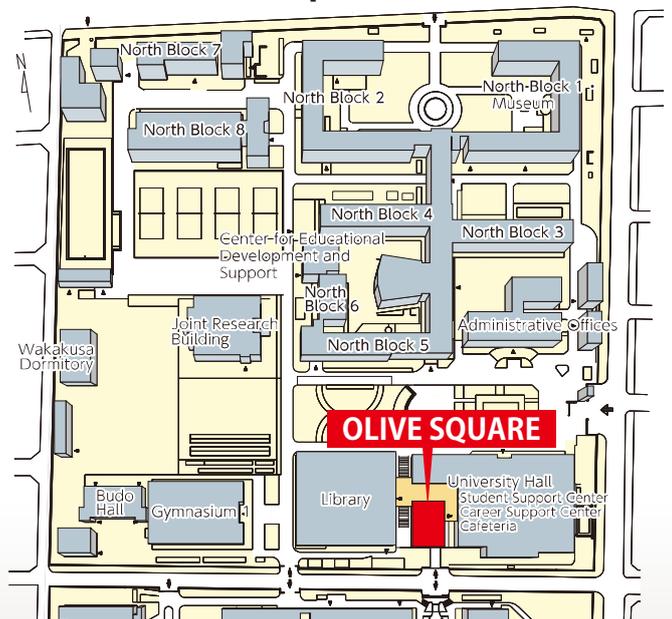International collaboration is indispensable on earthquake-tsunami damage reduction research in Japan.

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

Kagawa University
Saiwai-cho Campus

Goshikidai
Goshikidai Tunnel
Yashima
Gokenzan
Takamatsu Chikko station
JR Takamatsu station
JR Showa-cho station
Takamatsu Legal Affairs Bureau
Sakaide City
JR Sakaide station
Kagawa Prefectural Office
Kawaramachi
Kotoden Shido Line
JR Yosan Line
JR Ritsurin station
JR Yashima station
JR Kokutu Line
Ritsurin Garden
Takamatsu Danshi IC
Takamatsu-chuo IC
to Matsuyama
Takamatsu Expressway
JR-Sanuki Fuchu station
Takamatsu-nishi IC
Takamatsu-higashi IC
Sanuki Miki IC
to Tokushima
Ota
Fuchuko PA Smart IC
Kagawa Intelligent Park
Kotoden Kotohira Line
Busshozan
Takata
to Kotohira
Ayagawa Town
Nogakubu-mae
Kotoden Nagao Line
Nagao
Takamatsu City
Miki Town
Takamatsu Airport

Saiwai-cho Campus

North Block 7
North Block 2
North-Block 1 Museum
North Block 8
North Block 4
North Block 3
Center for Educational Development and Support
North Block 6
North Block 5
Joint Research Building
Administrative Offices
Wakakusa Dormitory
OLIVE SQUARE
Budo Hall
Gymnasium
Library
University Hall
Student Support Center
Career Support Center
Cafeteria

Organizer / **IECMS, Kagawa University**

IECMS

AM
9:30
▼
12:00

9:00 Registration

9:30 Opening Address （Hidenori Yoshida, Director of IECMS, Kagawa University）

First Session 9:35–12:00　　Chair: Yoshiyuki Kaneda

- Spatial and temporal characteristics of the microseismicity preceding the 2016 ML 6.6 Meinong earthquake in southern Taiwan
  Hsin-Chieh Pu （Central Weather Bureau, Taiwan）

- Strong Ground Motion Simulation for February 6, 2016 Meinong, Taiwan Earthquake
  Cheng-Feng Wu （National Chung Cheng University, Taiwan）

- Real-Time Tsunami Inundation Forecast Study in Chimbote City, Peru
  Nabilt Jill Moggiano Aburto （Universidad Nacional Mayor de San Marcos, Peru）

Coffee Break （20min）

- System for estimation of tsunami hazard using seismic data
  Sergey Kolesov （M.V.Lomonosov Moscow State University, Russia）

- Applicability of depth-integrated equations to the description of tsunami waves
  Mikhail Nosov （M.V.Lomonosov Moscow State University, Russia）

Lunch Break 12:00–13:10

PM
13:10
▼
17:10

Second Session 13:10–14:55　　Chair: Shuichi Hasegawa

- Road Map to the endorsement of Disaster Risk Reduction and Management Act 2017 from the Parliament of Nepal
  Gangalal Tuladhar （Himalaya Conservation Group, Nepal）

- Disaster Readiness - Turkish situation: MarDiM Project & KOERI （Kandilli Observatory and Earthquake Research Institute）'s role
  Haluk Ozener （Bogazici University, Turkey）

  Poster
- Current status and perspective for felt earthquake information reporting at CWB in Taiwan
  Nai-Chi Hsiao （Central Weather Bureau, Taiwan）

- Shallow Shear Wave Velocity Structures and Site Characteristics of Tainan Area, Taiwan, Using Microtremor Array Records
  Huey-Chu Huang （National Chung Cheng University, Taiwan）

- Does Nepal learn after the 2015 Gorkha Earthquake ?
  Ranjan Kumar Dahal （Tribhuvan University, Nepal）

- Relationship between ocean-bottom pressure variations and accelerations during an earthquake
  Viacheslav Karpov （M.V.Lomonosov Moscow State University, Russia）

- Efforts of Business Continuity Plan of Companies in Kagawa-Prefecture and the Necessity of Pre-Restoration in Each Industry
  Chikako Isouchi & Takuji Sangawa （Kagawa University, Japan）

Coffee Break （20min）

Third Session 15:15–17:05　　Chair: Wataru Shiraki

- Development of a Training Simulator and Its Application to Practicable Response Training for School Teachers in Earthquakes
  Kyosuke Takahashi （Kagawa University, Japan）

- Development of Structural Response Simulation Towards Rapid Estimates of Regional Earthquake and Tsunami Damage
  Narutoshi Nakata （Tokushima University, Japan）

- Oceanfloor network system and the utilization for disaster prevention
  Narumi Takahashi （National Research Institute for Earth Science and Disaster Resilience, Japan）

- Slow slip event monitoring in the Nankai Trough seismogenic zone by seafloor borehole observation
  Eiichiro Araki （Japan Agency for Marine-Earth Science and Technology, Japan）

- Resilience Science and Resilience Society
  Yoshiyuki Kaneda （Kagawa University, Japan）

17:05 Closing Address （Masaaki Tokuda, Vice President of Kagawa University）

［Presentations in English］［Tentative titles］