2014 International Seminar on Implementation Science for Resilient Society Adaptable to Extreme Weather Events

Theme
Fulfilling gaps between Implementation and Science to make resilient society

Venue
Room 211, Building Bloc 2, Faculty of Engineering, Kumamoto University

Date
February 15, 2014

Organized by:
IRESC, Kumamoto University

Supported by Kumamoto University Project “Education and Research Platform for disaster-reduction-oriented Society adaptable to extreme weather risk”

BACKGROUND AND SCOPE
Fulfilling basic human needs and assuring the self-sustainable recovery from extreme weather-related disastrous events have been the major challenges for several decades in cities and communities all over the world. However, there exists big gaps between academic knowledge and practical implementation. Against such a background, the seminar aims to deepen an understanding of gaps between them through discussion of planning, strategies and policies against extreme weather. In addition, this seminar focuses on fostering young generations to make robust and resilient society against extreme weather events.

OBJECTIVES
Key objectives of the seminar are:
- To discuss resilient society adaptable to extreme weather conditions
- To broaden a network for resilient society among cities and communities all over the world
- To promote interaction between researchers and practitioners

Topics of interest in this seminar includes (but not limited to):
1. Urban Governance
2. Urban Infrastructure Management
3. Urban Transport and Logistics
4. Disaster Prevention and Disaster Risk Reduction
5. Fostering young researchers and practitioners, related with extreme weather events.

KEYNOTE SPEAKERS
Prof. Keith W. Hipel (University of Waterloo, Canada)

WHO SHOULD ATTEND THE CONFERENCE?
We are pleased to welcome all of researches, practitioners, and students who are interested in the above objectives.

LANGUAGE
The official language of the conference is English.

ORGANISING BODIES
KUMAMOTO UNIVERSITY was established on May 31, 1949, at which time the following institutions were subsumed into it: Kumamoto Teachers College (established in 1874), Kumamoto Pharmaceutical College (1885), The Fifth High School (1887), Kumamoto Medical College (1896), and Kumamoto Technical College (1906).

The Implementation Research and Education System for Reducing Disaster Risk (IRESC), Kumamoto University established in 2011 under the Graduate School of Science and Technology, Kumamoto University. The IRESC promotes a wide range of educational and research activities for disaster-reduction-oriented society that can respond promptly and flexibly to disasters. Our activities extend from the academic circle of universities to the ‘field campus’ of local communities. They intend to link the universities’ research innovation with the implementation of their achievements in society seamlessly as social-knowledge technology. In addition, they aim at nurturing human resources that will contribute to the establishment of robust and resilient social systems against disasters.

CONFERENCE VENUE
Room 211, Building Bloc 2 of Faculty of Engineering, (South Campus) Kumamoto University

Map(Kumamoto University):

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<td>12:30</td>
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| 13:00  | Opening Remarks | Prof. Jun Ohtani  
(Vice Dean of Graduate School of Science and Technology, Kumamoto University) | Prof. Fumihiko Yamada  
(Director, IRESC, Graduate School of Science and Technology, Kumamoto University) |
(University of Waterloo) |
| 14:15  | Coffee Break |                                                                  |                                                                        |
| 14:30  | Session 1 | Planning, policies and implementation in communities against extreme weather events |                                                                        |
| 14:30-14:50 |  | "Volcanic geology and recent activity of Aso caldera volcano, Kumamoto, Japan" | Prof. Hasenaka Toshiaki (Kumamoto University) |
| 14:50-15:10 |  | "Fulfilling Gaps Between Implementation and Policy- Water Induced Disasters in Japan -" | Prof. Kenichi Tsukahara (Kyuhu University) |
| 15:10-15:30 |  | "Uneasiness feelings of elderly people in depopulated mountainous areas" | Prof. Kei Fukuyama (Tottori University) |
| 15:30-15:45 |  | Coffee Break |                                                                        |
| 15:45-16:05 |  | "Promoting Seismic Retrofit Implementation through “Nudge”: Using a Warranty as a Driver" | Prof. Toshio Fujimi (Kumamoto University) |
| 16:05-16:25 |  | "Environmental improvements by agriculture: Rooftop paddy field" | Prof. Takehide Hama (Kumamoto University) |
| 16:25-16:45 |  | "Possible risk communication framework in typhoon affected areas in Taiwan" | Prof. Yukiko Takeuchi (Kumamoto University) |
| 16:45-17:00 |  | Closing Remarks | Prof. Ryuji Kakimoto  
(Kumamoto University) |
| 17:30-20:00 |  | Post-seminar meeting |                                                                        |