Current Recovery Conditions from 2011 Great East Japan Earthquake

16th INTERNATIONAL SYMPOSIUM ON NEW TECHNOLOGIES FOR URBAN SAFETY OF MEGA CITIES IN ASIA

26-28 November 2017
Sendai, Japan

Organized by:
International Research Institute of Disaster Science (IRIDeS), Tohoku University & International Center for Urban Safety Engineering (ICUS), Institute of Industrial Science (IIS), The University of Tokyo (UTokyo), Japan

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**INTRODUCTION**

Urban safety and environmental management are challenges for any country in the world today. Scientists, researchers, academics and politicians from universities, institutions, governments and societies are working together to find new solutions to these global issues. Recognizing the importance, International Research Institute of Disaster Science (IRIDeS) at Tohoku University, and International Center for Urban Safety Engineering (ICUS) at Institute of Industrial Science (IIS), the University of Tokyo (UTokyo) are co-organizing “The 16th International Symposium on New Technologies for Urban Safety of Mega Cities in Asia (USMCA2017)” during November 26-28, 2017 in Sendai, Japan, as a side event of International Disaster and Risk Conference 2017 “World Bosai Forum.” The USMCA has been held for 15 times in different cities in Asia, and this will be a good opportunity to see current conditions of the coastal areas affected by the 2011 Great East Japan Earthquake.

< History of USMCA >

2010 Kobe, Japan  
2009 Incheon, Korea  
2008 Beijing, China  
2007 Dhaka, Bangladesh  
2006 Phuket, Thailand  
2005 Singapore  
2004 Agra, India  
2003 Tokyo, Japan  
2002 Bangkok, Thailand  
2001 Chiang Mai, Thailand  
2000 Kuala Lumpur, Malaysia  
1999 Agra, India  
1998 Beijing, China  
1997 Tokyo, Japan  
1996 Bangkok, Thailand  
1995 Bali, Indonesia  
1994 Tokyo, Japan  
1993 Jakarta, Indonesia  
1992 Tokyo, Japan  
1991 Osaka, Japan  
1990 Guam, US  
1989 Tokyo, Japan  
1988 Tianjin, China  
1987 Tokyo, Japan

**SYMPOSIUM OBJECTIVES & THEMES**

The symposium will focus on the following subjects and keywords for urban safety and environmental management:

1. **Urban Safety & Disaster Mitigation**
   - Risk assessment
   - Disaster mitigation and urban planning
   - Early warning
   - Emergency response
   - Disaster management
   - Recovery and rehabilitation
2. **Infrastructure Management**
   - Life cycle and stock management
   - Construction materials and technology
   - Maintenance and sustainability
3. **Environment Informatics**
   - Climate change
   - Water resources
   - Biodiversity
   - Transportation
   - GIS / remote sensing
4. **Special Session**
   - 2011 Great East Japan Earthquake recovery & reconstruction

**IMPORTANT DATES & PROCEDURE**

- Submission of ABSTRACT: **31 July 2017**
- Notification of Acceptance: **14 August 2017**
- Submission of FULL PAPER: **22 September 2017**
- Last day of Early Registration: **29 September 2017**

Authors are invited to submit abstracts of one page to the secretary by July 17, 2017 via email to: usmca@rides.tohoku.ac.jp. Submissions must include the following contents: Authors name, Affiliated organization, Prefix, Email address, Position, Subject number, Paper title, and Abstract with purpose and major results clearly stated within 300 words. Template is available for download from the website: http://isdm.lab.irdes.tohoku.ac.jp/USMCA2017/

All speakers must make payment by the due date to have their accepted papers included in the proceedings and scheduled for presentation.

**REGISTRATION FEE**

- Delegates: **JPY 22,000** (Early registration before Sept. 29)  
  **JPY 27,000** (after Sept 29)
- Students: **JPY 11,000** (Early registration before Sept. 29)  
  **JPY 13,000** (after Sept 29)

The registration fee includes one symposium USB proceedings, two lunch-boxes, four tea-breaks and one banquet.

**SYMPOSIUM VENUE**

Sendai International Center, Aobayama, Aoba-ku, Sendai 980-0856, Japan  
International Research Institute of Disaster Science, Tohoku University, Aramaki Aza-Aoba 468-1, Aoba-ku, Sendai 980-0845, Japan

**AWARD**

Award will be granted to students and young researchers under 35 years old.

**Participation in World Bosai Forum**

USMCA2017 will be held as a side event of the World Bosai Forum: http://www.worldbosaiforum.com/english/

The registrants of USMCA2017 can participate in sessions, special programs, and other activities, including the opening ceremony prepared for the World Bosai Forum.

We would like all participants to spend fruitful time in the events as well as USMCA2017.

**TECHNICAL TOUR**

International Research Institute of Disaster Science (IRIDeS) will organize a one-day tour to see current recovery and reconstruction conditions of coastal areas affected by the 2011 Great East Japan Earthquake and Tsunami. Visitors will have the opportunity to visit new urban facilities, parks, and communities.

**ABOUT SENDAI CITY**

Sendai is a city with a population of one million, and is the political and economic center of Japan’s Tohoku(northeast)Region. Although Sendai is a large city, it is known throughout Japan as a modern city in harmony with nature. The city possesses beautiful scenery, such as the Hirose-gawa River that runs through central Sendai, and the lush zelkova trees that line its streets. Greenery is especially abundant in the center of the city, which has tree-lined streets and parks. As a result, Sendai is called the “City of Trees.”