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Current Recovery Conditions from 2011 Great East Japan Earthquake

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16th

USMCA2017

**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



■ 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 >

2016 Tacloban, the Philippines	2008 Beijing, China
2015 Kathmandu, Nepal	2007 Dhaka, Bangladesh
2014 Yangon, Myanmar	2006 Phuket, Thailand
2013 Hanoi, Vietnam	2005 Singapore
2012 Ulaanbaatar, Mongolia	2004 Agra, India
2011 Chiang Mai, Thailand	2003 Tokyo, Japan
2010 Kobe, Japan	2002 Bangkok, Thailand
2009 Incheon, Korea	

■ 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: **31 August 2017**
Last day of Early Registration: **31 August 2017**

Authors are invited to submit abstracts of one page to the secretary by July 17, 2017 via email to: usmca@irides.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://isdmlab.irides.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 Aug. 31)
JPY 27,000 (after Aug 31)
Students: JPY 11,000 (Early registration before Aug. 31)
JPY 13,000 (after Aug 31)

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.”