

## **The 7<sup>th</sup> JFES-JSCE-AIJ-WFEO Joint International Symposium on Disaster Risk Management**

There is currently significant interest in disaster restoration and prevention in Japan, such as the revival and maintenance of the social infrastructure in portions of northeast Japan damaged by the Great East Japan Earthquake (March 11, 2011) as well as safety planning for future large earthquakes and extreme weather due to global climate change. The engineering organizations related to disaster, such as Japan Society of Civil Engineers (JSCE) and Architectural Institute of Japan (AIJ), are expected to play an important and effective role to collaborate regarding these issues. For the development and improvement of world-wide disaster risk management, JSCE and AIJ have held international symposiums over the last few years, working with World Federation of Engineering Organizations (WFEO), Japan Federation of Engineering Societies (JFES), Science Council of Japan (SCJ) and the international organizations related to WFEO-CDRM (Committee on Disaster Risk Management). This international symposium will provide the global community the opportunity to discuss disaster restoration, better mitigation techniques and prevention plans for severe future disasters based upon experiences world-wide.

**Organized by:** Japan Federation of Engineering Societies (JFES), Japan Society of Civil Engineers (JSCE), Architectural Institute of Japan (AIJ) and World Federation of Engineering Organizations (WFEO)

**Supported by:** Science Council of Japan (SCJ)

**Date and Time:** Thursday, 5<sup>th</sup> September 2013, 09:00–12:00

**Venue:** Spring Hall, 6F, No.39 building, College of Industrial Technology, Nihon University (Tsudanuma Campus)

**Maximum number of participants:** 50 people

**Admission:** Free

**Language:** English (No simultaneous translation)

### **Program**

#### **09:00 Start of the Program**

Moderators: Kazumasa ITO (WFEO-CDRM / CTI Engineering Co., Ltd.)

Kenichi TSUKAHARA (WFEO-CDRM/ Member of SCJ Committee on WFEO/ Kyushu University, Professor)

Opening Remarks by Yumio ISHII (Past President of JSCE, Member of SCJ Committee on WFEO, Vice President of WFEO and Chair of WFEO-CDRM)

#### **09:10 Session Part I** 20 minute presentation/each

*Recent Developments of Runoff Analysis and Disaster Reduction against Guerrilla Rainfall and Line Shaped Rain Bands*

Tadashi YAMADA (JSCE/ Chuo University, Professor)

*Compound Strategy Forward to Compound Disaster Mitigation: Lessons from Hsiaolin Village, Typhoon Morakot 2009*

Wen-Chi LAI (Invited Overseas Speaker/ Taiwan National Cheng-Kung University, Researcher)

*Critical Engineering Needs toward Resilient Society: Collapse Quantification and Prompt Condition Assessment*

Masayoshi NAKASHIMA (AIJ/ Kyoto University, Professor)

*Actual Situation and its Problems of Reconstruction Planning*

Michio UBAURA (AIJ/ Tohoku University, Associate Professor)

**10:40-10:45 Break**

**10:45 Session Part II**

*Transboundary Disaster Risk Management: Coping with large-scale natural hazards with regional impact*

Ali CHAVOSHIAN (Invited Overseas Speaker / Iran University of Science and Technology in Iran, Assistant Professor)

*Estimation of Water Disaster Damages after Climate Change and An Adaptation Concept in Japan*

So KAZAMA (JSCE/ Tohoku University, Professor)

*Outline of DR<sup>2</sup>AD (Disaster Risk Reduction investment Accounts for Development) Model*

Kimio TAKEYA (Japan International Cooperation Agency, Visiting Senior Advisor)

**11:55 Closing Remarks**

Closing Remarks by Toshimistu KOMATSU (WFEO-CDRM/ Member of SCJ Committee on WFEO/ Kyushu University, Professor Emeritus)

**12:00 End of the Program**