

INTERNATIONAL FORUM ON CIVIL ENGINEERING REFORM: A STRATEGIC ROADMAP TO GLOBAL PROSPERITY & RESILIENCY

October 11 & 12, 2014
Nanjing, China

<http://www.ifcer2014.com>

Forum Themes

The explosive growth of megacities coupled with the fact that urban habitats still lack full societal resiliency to natural hazards and global climate change is driving the need for a new generation of sustainable and effective technological solutions. The International Forum on Civil Engineering Reform (IFCER2014) will focus on the themes that represent the forces that will drive change in the civil engineering profession in the 21st century. The major topics for the forum include:

- Megacity and Mega-disaster Reduction
- Resilient and Sustainable Infrastructure
- New Sustainable, Energy Storing/Producing/Dissipating Materials
- Smart Structures, Smart Materials and Smart Infrastructure Technologies
- New Urban Engineering System
- Globalization of R&D and Education Programs
- New Advances in Structural Engineering and Mechanics
- Uncertainty Quantification, Evaluation and Assessment
- Probabilistic Methods, Risk and Reliability Assessment and Stochastic Life Cycle Assessment for Urban Systems
- Advanced Sensors and Actuators, Wireless Sensor Networks and Bio-inspired Technologies for Structural Health Monitoring

Forum Co-Chairs

Professor Lili Xie, Institute of Engineering Mechanics, Harbin, China

Professor Fulin Zhou, Guangzhou University, Guangzhou, China

Professor Jinping Ou, Harbin Institute of Technology, Harbin, China

Professor Mete Sozen, Purdue University, West Lafayette, Indiana, USA

Professor Yozo Fujino, University of Tokyo, Tokyo, Japan

Paper Deadlines

Abstract and Full Paper Submission:

- One-Page Abstract: Due July 31, 2014
- Full Paper Submission: Due September 10, 2014
- All submissions should be sent to: ifcer2014@gmail.com