

# International Center for Urban Safety Engineering (ICUS)

## [Towards a Development of Sustainable Urban Systems]

Institute of Industrial Science

◆ 1<sup>st</sup> Joint Student Seminar on Civil Engineering between Myanmar and Japan at Yangon Technological Univ. (13th Dec., 2017)

Urban Safety & Disaster Mitigation | Environment Informatics | Social Infrastructure Management

<http://icus.iis.u-tokyo.ac.jp>

With three fields of research “Urban Safety & Disaster Mitigation”, “Environment Informatics” and “Social Infrastructure Management,” and through the promotion of advanced research, information-sharing and building of networks, ICUS strives to achieve its goal to realize safe and sustainable urban environment from the international point of view.



### Information Sharing

- ◆ International Conference 16<sup>th</sup> USMCA 2017 in Sendai City, Japan (26-28 Nov., 2017)
- ◆ 1<sup>st</sup> Joint Student Seminar on Civil Engineering between Myanmar and Japan at Yangon Technological Univ. (13th Dec., 2017)

### Building Networks

- ◆ Research Collaboration with Oversea Institutions
- Overseas Offices**
  - BNUS: Dept. of Civil Engineering, Bangladesh University of Engineering and Technology (Bangladesh)
  - RNUS: Asian Institute of Technology (Thailand)
- MoU Agreement for Research Collaboration (Alphabetical order)**
  - School of Applied Sciences and Engineering, Monash University (Australia)
  - Bangladesh Earthquake Society (Bangladesh)
  - National Centre for Earthquake Engineering (Bangladesh)
  - Dept. of Construction Engineering, National Kaohsiung First University of Science and Technology (Chinese Taipei)
  - LCM Research Center, The Port and Airport Research Institute (Japan)
  - Dept. of Civil Engineering, Shibaura Institute of Technology (Japan)
  - Global U-City Construction & Information Hub, Dept. of Civil Engineering, Han Yang University (Korea)
  - National Urban Disaster Prevention Research Center (Korea)
  - NSET (the National Society for Earthquake Technology) (Nepal)
  - Center for Public Safety Research, Tsinghua University (P.R. China)
  - Qatar Transportation and Traffic Safety Center, Qatar University (Qatar)
  - Dept. of Civil Engineering, National University of Singapore (Singapore)
  - Sridorn International Institute of Technology, Thammasat University (Thailand)

## USMCA2018

17th INTERNATIONAL SYMPOSIUM ON NEW TECHNOLOGIES FOR URBAN SAFETY OF MEGA CITIES IN ASIA

**12<sup>th</sup> - 14<sup>th</sup> December, 2018**  
**Hyderabad, INDIA**

**INTRODUCTION**

Urban safety and environmental management are challenges for any country in the world today. Scientists, researchers, academics from Universities & Institutes of higher learning, governments and societies are working together to find new solutions to these global issues. Recognizing this critical importance, the *International Institute of Information Technology, Hyderabad*, and the *International Center for Urban Safety Engineering (ICUS)* at Institute of Industrial Science (IIS), The University of Tokyo (UoTokyo) are co-organizing this *International Symposium on New Technologies for Urban Safety of Mega Cities in Asia (USMCA)* during 12–14 December 2018 in Hyderabad, India. The main Symposium is during 12-13 December 2018, and the technical and city tours are on 14 December 2018.

**IMPORTANT DATES**

Submission of ABSTRACT: **30 June 2018**  
Notification of Acceptance: **31 July 2018**  
Early Bird Registration: **31 July 2018**  
Submission of EXTENDED: ABSTRACT: **30 August 2018**  
Regular Registration: **15 September 2018**

**WEBSITE**  
[www.iiit.ac.in/USMCA2018/](http://www.iiit.ac.in/USMCA2018/)

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Hyderabad City

## ANZEN-SATREPS

Development of a Comprehensive Disaster Resilience System and Collaboration Platform in Myanmar

Science and Technology Research Partnership for Sustainable Development (SATREPS)

Myanmar is a disaster-prone country with earthquake- and water-related disasters. In addition to the increase in disaster risk associated with rapid and large-scale urban development, uncertainties in the occurrence of these events will increase with a global climate change. Therefore, it needs to promote a close collaboration among government, academia and industry to strengthen the capability of comprehensive disaster risk reduction in Myanmar.

**Project Overview**

Project Area	Republic of the Union of Myanmar	Duration	5 years (2014 – 2020)	Support	Japan International Cooperation Agency (JICA) Japan Science and Technology Agency (JST)
Purpose	To develop integrated disaster resilience systems by supporting the advancement of technology both <b>Structural</b> and <b>Non-structural</b> as well as <b>HR Development</b> to strengthen Myanmar's disaster response ability that will contribute to the formation of safe urban environment and steady economic growth of the country.				

**Non-Structural Measures**  
Promotion of comprehensive disaster response system and development of disaster response capabilities

**Structural Measures**  
Basic knowledge, design, construction, proper maintenance and repair technology

**HR Development**  
Establishment of Research Center for Urban Safety  
Provision of programs for Development of experts  
Creation of a place of interdisciplinary discussion about urban safety and development