



TRƯỜNG ĐẠI HỌC XÂY DỰNG
NATIONAL UNIVERSITY OF CIVIL ENGINEERING (NUCE)

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Attn: **Colleagues,**

Over half the world's population is concentrated in urban areas covering just 4% of the world's surface. In particular, mega cities (with populations greater than 10 million) are characterized by a high population density and tremendous pressure on supporting infrastructure, increasing susceptibility to lack of safe drinking water and adequate sanitation.

Recognizing the importance of applying advanced tools in urban safety, National University of Civil Engineering (NUCE), Vietnam and International Center for Urban Safety Engineering (ICUS), The University of Tokyo, Japan co-organize **“International Symposium on New Technologies for Urban Safety of Mega Cities in Asia” (USMCA2013)** from Oct 9-11, 2013 at Hilton Hotel Hanoi & NUCE Campus. The USMCA has been held in Asia for 11 times in different Asian cities and this 12th next year is the 1st time in Vietnam. The symposium seeks to bring together expertise in areas of design, construction and maintenance of urban infrastructure and those engaged in the development of new tools that could be used for better asset and environmental management.

The conference has been confirmed to have support from JICA Vietnam and Japanese Society of Civil Engineering (JSCE) as conference's auspices. Besides, this is also the activity to celebrate the 40th year establishment of diplomatic relationship between Japan and Vietnam.

The conference themes:

1. Disaster response and recovery
2. Risk assessment, prediction, and early-warning
3. Decision-making technologies
4. Planning and development of urban infrastructure systems
5. Lifecycle management of infrastructure systems
6. Climate change mitigation and adaptation
7. Development and application of sustainable technologies
8. Application of geospatial technologies
9. Case histories of urban constructions

On behalf of the organizing committee, I would like to invite you to join with us to submit papers and participate to the USMCA2013. Also we will organize technical visits to mega constructions in Hanoi and a trip to Ha Long bay, the world heritage for all participants.

I believe this will be a suitable forum for us to exchange international ideas in order to contribute for positive changes of society and mega cities. Please join us in Hanoi to make USMCA2013 together a great event.

Best Regards,

Le Van Thanh,
Chairman of USMCA2013
President of NUCE

SUBMISSION PROCEDURE

Authors are invited to submit abstracts of 300 words to the Secretariat via email usmca2013@nuce.edu.vn & icus@iis.u-tokyo.ac.jp by June 15, 2013. Template could be downloaded from the (symposium) web-site below.

<http://www.usmca2013.vn>

Please state clearly the aim and major results of the work. It must also contain the complete list of authors, their affiliation and email addresses.

IMPORTANT DATES

Submission of Abstracts: June 15, 2013
Notification of Acceptance: July 30, 2013
Submission of Full Papers: August 31, 2013

Last Date of Registration for Speakers: August 31, 2013
(All speakers must make payment by August 31, 2013 in order to have their accepted papers included in the proceedings and scheduled for presentation).

Abstract proceeding : ISBN 4-903661-64-4
Full paper proceeding : ISBN 4-903661-65-2

CONTACT

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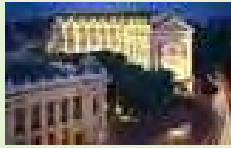
REGISTRATION FEE

The registration fee includes 1 symposium proceeding, 2 lunches, 4 tea-breaks and 1 gala dinner.

Delegates: US\$200, Early Bird Registration
(Before August 31, 2013)
US\$250 (After August 31, 2013)
Students: US\$100

For more information on the payment method, please visit:
<http://www.usmca2013.vn>

SYMPOSIUM VENUE



Hilton Hanoi Opera Hotel
1 Le Thanh Tong St, Hoan Kiem
Dist, Hanoi, 10000, Vietnam

Tel: 84-4-39330500
Web: <http://www3.hilton.com/>



National University of Civil
Engineering Campus (NUCE)

Web: <http://www.nuce.edu.vn/>

ABOUT HANOI

Hanoi is the capital of Vietnam and the second largest city with 6,449 million in population. After the Hanoi administrative area expansion in August 2008, the city's total area has risen to 334,470 hectares. As featuring the humid subtropical climate, the capital has the hot, humid summers and cold, dry winters. As a capital of Vietnam with more than 1000 years of history, Hanoi has many cultural and historic sites that attract a lot of tourists nationwide. Hanoi's Old Quarter with unique characters represents the eternal soul of the city. In spite of often being called the "36 Old Streets", there are more than 36 actual streets, each of which is named for the products or service it specializes in. Other interesting places worth exploring are the Temple of Literature which is Vietnam's first university, Ho Chi Minh's Mausoleum which is a large memorial to commemorate the beloved leader of the country, One Pillar Pagoda that is a famous historic Buddhist temple in Hanoi, and many other places. Hanoi's distinctive culture is also reflected through cuisine. There are many specialties well known nationwide such as La Vong grilled fish pies, rolled cakes, fried shrimp cake in West Lake, etc. Especially, the most famous dish in Hanoi capital is Pho which is a rice noodle soup eaten as breakfast at home or food stalls. As the major metropolitan area of Northern Vietnam and the country's political and cultural center, Hanoi is the destination of visitors within and out of Vietnam.

SHORT TOURS



The host will organize a day tour (Oct 11, 2013) to Ha Long Bay, the World heritage, to visit the site as well as to enjoy lunch cuisine on the boat. You will have a chance to experience the amazing scene of nature and traditional Vietnamese foods.

USMCA 2013 (SEIKEN SYMPOSIUM 75)

12th International Symposium on

NEW TECHNOLOGIES FOR URBAN SAFETY OF MEGA CITIES IN ASIA

9-11 October, 2013
Hanoi, Vietnam



Organized by
National University of Civil Engineering (NUCE)
Hanoi, Vietnam
&
International Center for Urban Safety Engineering
(ICUS), Institute of Industrial Science (IIS)
and The University of Tokyo



Under Auspices of



At
Hilton Hanoi Hotel
&
National University of
Civil Engineering
Hanoi, Vietnam

INTRODUCTION

Over half the world's population is concentrated in urban areas covering just 4% of the world's surface. In particular, mega cities (with populations greater than 10 million) are characterized by a high population density and tremendous pressure on supporting infrastructure, increasing susceptibility to lack of safe drinking water and adequate sanitation.

Recognizing the importance of applying advanced tools in urban safety, National University of Civil Engineering (NUCE), Vietnam and International Center for Urban Safety Engineering (ICUS), The University of Tokyo, Japan co-organize "International Symposium on New Technologies for Urban Safety of Mega Cities in Asia" (USMCA2013) from Oct 9-11, 2013 at Hilton Hotel Hanoi & NUCE Campus. The USMCA has been held in Asia for 11 times in different Asian cities and this 12th next year is the 1st time in Vietnam.

HISTORY OF USMCA

USMCA2012, Ulaanbaatar, Mongolia
USMCA 2011, Chiang Mai, Thailand
USMCA2010, Kobe, Japan
USMCA2009, Incheon, Korea
USMCA2008, Beijing, China
USMCA2007, Dhaka, Bangladesh
USMCA2006, Phuket, Thailand
USMCA2005, Singapore
USMCA2004, Agra, India
USMCA2003, Tokyo, Japan
USMCA2002, Bangkok, Thailand

OBJECTIVES

The symposium seeks to bring together expertise in areas of design, construction and maintenance of urban infrastructure and those engaged in the development of new tools that could be used for better asset and environmental management. The symposium will focus on the following topics for urban safety and implementation of urban environmental management:

The conference themes:

1. Disaster response and recovery
2. Risk assessment, prediction, and early-warning
3. Decision-making technologies
4. Planning and development of urban infrastructure systems
5. Lifecycle management of infrastructure systems
6. Climate change mitigation and adaptation
7. Development and application of sustainable technologies
8. Application of geospatial technologies
9. Case histories of urban constructions

AWARDS

Awards will be granted to students and young researchers under 35 years who perform outstanding presentation and research.

CHAIRMAN AND CO-CHAIRMAN

Le Van Thanh, President of National University of Civil Engineering (NUCE), Vietnam

Kimiro Meguro, Director of (ICUS), IIS, The University of Tokyo

STEERING COMMITTEE

Pham Duy Hoa, Vice president of National University of Civil Engineering, Vietnam

Pham Hung Cuong, Vice president of National University of Civil Engineering, Vietnam

Do Huu Thanh, National University of Civil Engineering, Vietnam

Le Trung Thanh, Ministry of Construction, Vietnam

Ha Minh, Coninco, Vietnam

Mehedi Ahmed Ansary, BUET, Bangladesh

Sudhir Misra, IIT Kanpur, India

Takeo Uomoto, Chief Executive, Public Works Research Institute, Japan

Yoshiaki Nakano, Director, IIS, the University of Tokyo, Japan

Tsuneo Katayama, Real-time Earthquake Information Consortium, Japan

Wei Cheng Fan, CPSR, Tsinghua University, China

Worsak Kanok-Nukulchai, AIT, Thailand

Yoshifumi Yasuoka, Research Organization of Information and System, Japan

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Nguyen Quang Dao, National University of Civil Engineering, Vietnam

Nguyen Truong Tien, President of VSSGME, Vietnam

Nguyen Viet Anh, National University of Civil Engineering, Vietnam

Nguyen Hoang Giang, National University of Civil Engineering, Vietnam

Dinh Van Hiep, National University of Civil Engineering, Vietnam

Pham Quang Hung, National University of Civil Engineering, Vietnam

Hoang Tung, National University of Civil Engineering, Vietnam

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Somnuk Tangtermsirikul, Thammasat University, Thailand

Srikantha Herath, United Nations University, Japan

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Pham Dang Khoa, National University of Civil Engineering, Vietnam

Dinh Van Thuat, National University of Civil Engineering, Vietnam

Vu Hoai Nam, National University of Civil Engineering, Vietnam
Nguyen Hung Phong, National University of Civil Engineering, Vietnam

EXHIBITION & SPONSORSHIP

USMCA2013 also runs an exhibition section which you can have the best opportunities to introduce your image, products and services to all participants, media & news.

Booth of Size: 4 m² (2m x 2m)

Carpet 2m x 2m

- Partition: 1 person and with 1 assistant for English and setting up full day
- Company name • 01 table + 02 chairs
- 01 Recycle bin • 02 Neon Lamps
- 01 Socket (15 amp)

The booths are limited to 15 booths located at the exhibition areas of Hilton Hotel Hanoi Hall on the Opening day of conference on Oct 9th, 2013.

USMCA2013 also offers variety of sponsorship opportunities suitable for organizations and companies of all sizes. Sponsors of USMCA2013 gain visibility for their companies and organization and contribute for the success of conference.

Anyone interested in these mentioned section please contact organizers for more detailed information and registration.

EMAIL OR FAX THIS FORM TO

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icus@iis.u-tokyo.ac.jp

FOR MORE INFORMATION

Please visit:
<http://www.usmca2013.vn>

USMCA2013 PRELIMINARY PROGRAM

9 - 11 October, 2013

Ballroom, Hilton Hanoi Hotel & NUCE Campus, HANOI, VIETNAM

Pre conference day: October 8, 2013:

Technical visits & sight seeing - pre conference day

9:00 Visit THANG LONG ROYAL CITADEL
10:30 Visit Van Mieu - Imperial Academy - Vietnam's first university
12:00 Lunch
13:00 Technical Visit: Nhat Tan Bridge
18:00 Registration at Hilton Hanoi Hotel
19:30 Welcome dinner

DAY 1: October 9, 2013

08:00 - 12:00

LOCATION: **Hilton Hanoi Hotel, Ballroom**

8:00 REGISTRATION
8:30 WELCOME Speech (President of National University of Civil Engineering)
8:40 WELCOME Speech (ICUS, The University of Tokyo)
8:50 WELCOME Speech (Japanese Embassy to Vietnam)
9:00 WELCOME Speech (Ministry of Construction)
8:50 WELCOME Speech (Ministry of Transportation)
9:10 WELCOME Speech (Representative of JICA Vietnam)
9:20 Keynote speaker 1: Ministry of Construction
9:50 Keynote speaker 2: ICUS
10:20 COFFEE BREAK & EXHIBITIONS
10:50 Keynote speaker 3: (NUCE)
11:20 Keynote speaker 4: Dr. Hiroshi DOBASHI (Tokyo Metropolitan City)
11:50 Keynote speaker 5: (Manager of a large project)

12:00-13:30 LUNCH

13:30 - 16:30

13:30 - 16:30

LECTURE HALL 1

LECTURE HALL 2

Session 1

Session 2

13:30	Speaker 1	Speaker 1
13:50	Speaker 2	Speaker 2
14:10	Speaker 3	Speaker 3
14:30	Speaker 4	Speaker 4
14:50	Speaker 5	Speaker 5

15:10-15:30

COFFEE BREAK & EXHIBITIONS

Session 3

Session 4

15:30	Speaker 1	Speaker 5
15:50	Speaker 2	Speaker 6
16:10	Speaker 3	Speaker 7
16:30	Speaker 4	Speaker 8

18:00 - 22:00

18:00 - 22:00

BANQUET

DAY 2: October 10, 2013

08:00 - 12:00

LOCATION: **Lecture Hall, National University of Civil Engineering**

LECTURE HALL 1

LECTURE HALL 2

Session 5

Session 6

9:00	Speaker 1	Speaker 1
9:20	Speaker 2	Speaker 2

9:40	Speaker 3	Speaker 3
10:00	Speaker 4	Speaker 4
10:20-10:40		COFFEE BREAK
	Session 7	Session 8
10:40	Speaker 1	Speaker 5
11:00	Speaker 2	Speaker 6
11:20	Speaker 3	Speaker 7
11:40	Speaker 4	Speaker 8
11:45 - 12: 15 Campus tour		
12:15 - 13:30 LUNCH		
13:30 - 16:30		
LOCATION: Lecture Hall, National University of Civil Engineering		
	LECTURE HALL 1	LECTURE HALL 2
	Session 9	Session 10
13:30	Speaker 1	Speaker 1
13:50	Speaker 2	Speaker 2
14:10	Speaker 3	Speaker 3
14:30	Speaker 4	Speaker 4
14:50	Speaker 5	Speaker 5
15:10-15:45 COFFEE BREAK & POSTER SECTION EXHIBITION AT G3 Hall		
15:45	Keynote Speaker 6: Prof. Naito (The University of Tokyo)	
16:15	Keynote Speaker 7: Prof of NUCE	
16:15-17:30 CLOSING CEREMONY AT G3 Hall		
	Young award ceremony	
	Announcement of USMCA 2014	
	NUCE's President closing speech	
	ICUS's closing speech	
19:00-22:00 Closing Banquet & Music		

DAY 3: October 11, 2013

08:00 - 20:00 (Field trip)

LOCATION: **Hilton Hanoi Hotel's front door**

8:00 Starting from Hilton Hanoi Hotel to Ha Long bay

12:00 Lunch on board in Ha Long bay and other technical activities

16:00 Return to Hanoi

20:00 Arrive Hiton Hanoi Hotel