

**International Workshop on Recent Technology
in Structural and Transportation Engineering**

Date: 2008/03/06

Venue: Theater Room, Research and Project Building, Saitama University

Chairman: Prof. Hiroshi Mutsuyoshi (Head of Department of Civil and Environmental Engineering, Saitama University)

Participants:

University of Hawaii at Manoa (UHM)

Prof. H. Ronald Riggs, Department Head
Prof. Panos D. Prevedouros
Dr. Gaur Johnson, post-doc
3 students (Mr. Krystian Paczkowski, Ms. Yvonne Midkiff and Mr. Lambros Mitropoulos)

Thammasat University

Assoc. Prof. Uruya Weesakul, Dean /Faculty of Engineering
Assoc. Prof. Nakhorn Poovarodom
Assoc. Prof. Krittiya Lertpocasombut
Assoc. Prof. Pruettha Nanakorn
Assoc. Prof. Krishna Murari Neaupane

Moratuwa University

Prof. A.K.W. Jayawardane, Dean /Faculty of Engineering
Prof. S.M.A. Nanayakkara,
Dr. J.M.A. Manatunge

Bangladesh University of Engineering and Technology

Prof. A.F.M. Amin

Hanoi University of Civil Engineering

Prof. Nguyen Van Hung, President of Hanoi University of Civil Engineering

Mongolian University of Science and Technology

Assoc. Prof. Oyunchimeg Mendbayar

PROGRAM

9:15 – 9:30 : Opening Ceremony

Opening address, Prof. Hiroki Yamaguchi, Dean of Faculty of Engineering,
Saitama University

Opening address, Prof. H.R. Riggs, UHM

Keynote paper

Chair: Prof. Hisashi Kubota

9:30 – 9:50 : *UH Performance-Based Tsunami Engineering*, Prof. H. Ronald Riggs,
UHM

9:50 – 10:10 : *Intelligent Transportation Systems*, Prof. Panos D. Prevedouros, UHM

10:10 – 10:30 : Presentation by Dr. Amin from Bangladesh University of Engineering
and Technology

10:30 – 10:40 : Coffee Break

Structural Engineering Session

Chair: Assist. Prof. Asamoto

- 10:40 – 11:00 : *Load Testing the Hanapepe River Bridge on the Island of Kauai*, Gaur Johnson, UHM
- 11:00 – 11:20 : Presentation by student 1 from Saitama Univ (Sudhira)
- 11:20 – 11:40 : *Application of Innovative Materials to Bridges*, Nguyen Duc Hai, Saitama University
- 11:40 – 12:00 : *Response Behavior of RC Bridge Piers Using Pseudo-Dynamic Test Including Ground*, Anawat Chotesuwan, Saitama University
- 12:00 – 12:20 : *Tsunami Wave Impact on Structures*, Krystian Paczkowski, UHM

Transportation Engineering Session

- 10:40 – 11:00 : Presentation by student 4 from Structural Engineering Lab. (Ghimire???)
- 11:00 – 11:20 : *Defining Road Uniformity and Its Effect on Road Safety*, Lambros Mitropoulos, UHM
- 11:20 – 11:40 : *The Impact of Native Hawaiian Burials on Construction in Hawaii*, Yvonne Midkiff, UHM
- 11:40 – 12:00 : Presentation by student 5 from Transportation Lab.
- 12:00 – 12:20 : Presentation by student 6 from Transportation Lab.

Afternoon: Meeting on Future Collaboration

- 13:30 – 14:30 : Saitama University hold meetings with each partner university
- Meeting with University of Hawaii (Assoc. Prof. Okui, Assoc. Prof. Matsumoto, Lecturer Mogi and Assist. Prof. Minh)
 - Meeting with Thammasat University (Prof. Kazama, Assoc. Prof. Saito and Assoc. Prof. Maki)
 - Meeting with Moratuwa University (Prof. Tanaka, Assoc. Prof. Kawamoto and Assist. Prof. Asamoto)
- 15:00 – 16:00 : Meeting with all partner universities and concluding remarks.