

List of participants from Saitama University

Faculties	Graduate Students	
Prof Hiroshi Mutsuyoshi	Ayumu Otsuka Yusuke Suzuki Takako Matsunaga	Kenji Iizuka
Prof Norio Tanaka		Iimura Kousuke
Dr Ken Kawamoto		Tsuda Nobuhiko Tomoaki Matsushita

Program Details

January 26, 2008 (Saturday)

Arrival of visitors

January 27, 2008 (Sunday)

15:00~17:00 Field Visit to Construction site (Iceland Residencies)

18:00~ Dinner hosted by Saitama Alumni

January 28, 2008 (Monday)

09:00 Meeting with the Vice-Chancellor

09:30~10:15 Inaugural Session

Discussion with Dean/Engineering, Head/ Civil Eng. and staff members

Lab visits for Students from Saitama University

10:15~10:45 Tea

10:45~12:15 Continuation of the discussion with Head/Civil Eng, and Staff

Continuation of Lab visits

12:15~13:30 Lunch

13:30~15:30 Guest Lecture by Professor Hiroshi Mutsuyoshi (to Level 4 under graduate students)

15.30-15.45 Tea

15:45~16:30 Continuation of Lab visits

17-15-19.15 Special lecture at IESL (Institute of Engineers Sri Lanka) for students from Saitama University

January 29, 2008 (Tuesday)

Symposium (PDF)

January 30, 2008 (Wednesday)*(Departure: Professor Hiroshi Mutsuyoshi at 09:30 from Katunayake**Arrival : Dr. Ken Kawamoto at 08:15)*Morning session (9.00-12.00)

Presentations on current research projects conducted by UOM staff

Time	Laboratory	Presenter
9.00~9.25	Building and Structural Engineering	Prof. M.T.R. Jayasinghe
9.25~9.50	Construction Eng. Management	Dr. Asoka Perera
9.50~10.15	Environmental Engineering	Dr. Mahesh Jayaweera
10.15~10.40	Geotechnical Engineering	Prof. Athula Kulathilake
10.40~11.05	Hydraulic Engineering	Dr. Saman Samarawickrama

Presentations on current research projects conducted by Saitama University staff

Time	Laboratory	Presenter
11.05~11.30	Environmental and Hydraulic Laboratory	Prof Norio Tanaka

Afternoon Session (13.30 ~16.30)

Discussion on general topics

Moderators: Prof. Norio Tanaka, Dr. Ken Kawamoto

Topic I: Mitigation of natural disasters like floods, landslides and tsunami

Topic II: Green building concept

January 31, 2008 (Thursday)Morning Session Field trip to MuthurajawelaAfternoon Session Field trip to Attidiya Wet Park**February 1 & 2, 2008 (Friday & Saturday)**For PG course in Structural Eng. and Design&Soil Mechanics Laboratory

Date : 1 Feb 2008 (Friday)

Time : 9.00-11.00

Lecturer : Dr. Ken Kawamoto

For PG course in Project Management

Date : 2 Feb 2008 (Saturday)

Time : 13.30 -15.30

Lecturer : Prof. Norio Tanaka

Graduate Students from Saitama University attend the following PG lectures conducted by University of Moratuwa staff

Time Table of PG Lectures

Course	1 Feb 2008		2 Feb 2008	
	8.30-11.30	2.30-5.30	8.30 - 12.30	1.30 -5.30
M.Eng. /PG Dip. in Structural Eng. Design	Guest Lecture	Design of Steel structures	Computer Analysis of Structures	Computer Analysis of Structures
MSc/PG Dip. in Construction Project Management	—	—	Construction and Industrial Law	Guest Lecture
				Communication and Presentation Skills
MBA/PG Dip. in Project Management	—	—	Marketing Management	Project Management

February 3, 2008

Departure

DEVELOPMENT OF SUSTAINABLE INFRASTRUCTURES IN ASIA



Proceedings of

International Collaborative Graduate Symposium

between Saitama University, Japan and University of Moratuwa, Sri Lanka



University of Moratuwa
28 January-2 February, 2008

**SYMPOSIUM PROGRAMME
JANUARY 29, 2008**

- 08.30 -08.35 Lighting of traditional oil lamp
- 08.35 -08.40 Welcome address by Head/Dept of Civil Engineering, Prof. Priyan Dias
- 08.40 -08.50 Address by Dean/ Faculty of Engineering, Prof Ananda Jayawardane
- 08.50 -09:00 Address by Prof. Norio Tanaka
- 09:00~09:30 Keynote Address by Prof. Hiroshi Mutsuyoshi
- 09:30~10:00 Tea
- 10.00- 12.00 Session I**
- 10:00~10:15 DIFFERENCES OF TREE-BREAKING PATTERN AND ITS MOMENT AT RIVER FLOODS AND TWO TSUNAMIS UNDER DIFFERENT SUBSTRATE CONDITION
Norio Tanaka and Junji Yagisawa
- 10.15-10.30 EVALUATION OF TSUNAMI DEFENSE EFFECTS BY COASTAL TREE SPECIES ON TSUNAMI RUN-UP HEIGHT AND CURRENT VELOCITY REDUCTION
Kosuke Imura and Norio Tanaka
- 10.30-10.45 FLOW THROUGH COASTAL VEGETATION AND TSUNAMI IMPACT MITIGATION
S. Bandara H. Ratnasooriya, S. Samarawickrama and S.S.L. Hettiarachchi
- 10.45-11.15 – Discussion
- 11.15-11.30 ENHANCEMENT OF HEAVY METAL REMOVAL FROM WASTE WATERS IN SSF CONSTRUCTED WETLANDS COMPRISING CRUSHED CLAY TILE MEDIA
M. Jayaweera, K.P.S.Randeniya, W.A.U. Witharana, and J. Manatunge
- 11.30-11.45 STUDY FOR DIFFERENCE IN GROWTH CHARACTER BETWEEN THE SALIX SPECIES IN THE RIVER
Nobuhiko Tsuda and Yasushi Sasaki
- 11.45-12.00 Discussion
- 12:00~13:00 Lunch

13.00- 15.00 Session II

13.00-13.15 DEVELOPMENT OF NEW HYBRID COMPOSITE GIRDERS CONSISTING OF CARBON AND GLASS FIBERS
Hiroshi Mustuyoshi, Nguyen Duc Hai, Shingo Asamoto, Thiru Aravinthan

13.15-13.30 ECONOMICAL FLOOR TRUSS TOP CHORD FOR ACHIEVING LONG SPANS
S.V.T.J. Perera

13.30-13.45 INFLUENCE OF ENVIRONMENTAL FACTORS ON SHRINKAGE BEHAVIOR OF CONCRETE
Ayumu Otsuka, Shingo Asamoto and Hiroshi Mustuyoshi

13.45-14.15 Discussion

14.15-14.30 EXPERIMENTAL STUDY ON SHEAR TRANSFER CHARACTERISTICS OF FIBER REINFORCED CONCRETE
Takako Matsunaga, Fumie Wakisaka and Takeshi Maki

14.30-14.45 COMPARATIVE STUDY OF PERFORMANCE OF DIFFERENT ROOFING TYPES FOR INDOOR THERMAL COMFORT IN RESIDENTIAL BUILDINGS
Rangika Halwatura and Thishan Jayasinghe

14.45-15.00 Discussion

15:00~15:30 Tea

15.30 -17.00 Session III

15:30~15.45 A FRAMEWORK FOR EDUCATED TRADE-OFFS
Bhadranie Thoradeniya, Malik Ranasinghe, NTS Wijesekera

15.45-16.00 SOIL-GAS DIFFUSION COEFFICIENT AND AIR CONDUCTIVITY FOR PEAT SOIL: EFFECT OF VOLUME SHRINKAGE WITH SUCCESSIVE DRAINAGE
Kenji Iizuka, Ken Kawamoto, Per Moldrup and Toshiko Komatsu

16.00-16.15 Discussion

16.15-16.30 EVALUATION OF FEASIBILITY OF ULTRA THIN WHITETOPPING PAVEMENTS FOR RESURFACING INTERSECTIONS/PEDESTRIAN CROSSINGS
Janaka V. Kosgolla, Wasantha Kumara, and Mang Tia

16.30-16.45 IMAGE ANALYSIS FOR ESTIMATING THE DISPLACEMENT FIELD OF ROCK
Tomoaki Matsushita, and Masahiko Osada

16.45-17.00 PSEUDODYNAMIC TEST ON STRENGTHENED REINFORCED CONCRETE PIER
Yuhsuke Suzuki and Hiroshi Mustuyoshi

17.00-17.15 Discussion



モラトゥワ大学学長との意見交換



睦好教授による特別講義 (1)



睦好教授による特別講義 (2)



田中教授による特別講義



セミナーでの講義 (田中教授)



アドバンスインターンシップ（高層ビル現場見学）



参加者



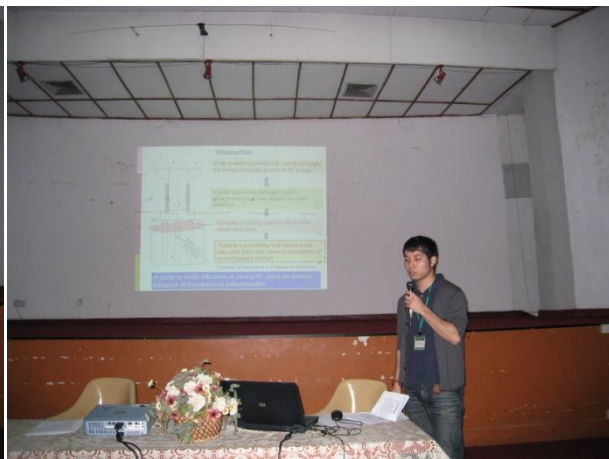
M1 学生による社会基盤特別研究 I の英語による発表



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M1 学生による社会基盤特別研究 I の英語による発表



M1 学生による社会基盤特別研究 I の英語による発表



M1 学生による社会基盤特別研究 I の英語による発表



M1 学生による社会基盤特別研究 I の英語による発表