



ADVISORY COMMITTEE

Prof. Phan Quang Minh - NUCE
Prof. Hiroshi Mutsuyoshi - SU
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Assit. Prof. Goit Chandra Shekhar - SU
Dr. Ha Minh - CONINCO
Dr. Do Duy Dinh - NUCE
Assoc. Prof. Dinh Van Hiep - NUCE
Dr. Nguyen Duc Nghiem - NUCE
Dr. Phan Huy Dong - NUCE
Assoc. Prof. Nguyen Bao Viet - NUCE

PROGRAM

TIME	ACTIVITIES
MORNING	
9h00	Welcome participants
9h30 - 9h40	Opening and welcome remarks by Prof. Phan Quang Minh - Vice-Rector of NUCE
9h40 - 9h50	Guest address by Prof. Hiroshi Mutsuyoshi - Advisory Committee of Joint Seminar, SU
9h50 - 10h05	Introduction to International Graduation Program on Civil and Environmental Engineering by Prof. Yasunao Matsumoto, Dept. Head of Civil and Environmental Engineering, SU
10h05 - 10h20	Introduction to International Collaborative Activities between NUCE and SU by Assoc. Prof. Nguyen Hoang Giang, Director of Internatianl Cooperation Department of NUCE
10h20 - 10h40	Technical session 1 : Academic staffs from NUCE and SU 1 - Utilization of waste and recycled materials for wastewater treatment Assist. Prof. Takeshi Saito, Graduate School of Science and Engineering, SU 2 - Treatment of dredged muds and reuse as filling material- challenges and solutions Dr. Phan Huy Dong, Division of Soil Mechanics and Foundation Engineering, NUCE
10h40 - 11h00	Coffee break
11h00 - 12h10	Technical session 1 : Academic staffs from NUCE and SU 3 - Dynamic nonlinear soil-structure interaction analysis with pile foundations Assist. Prof. Chandra Goit, Graduate School of Science and Engineering, SU 4 - The soft soils improvement using Cajeput timber piles Assoc. Prof. Nguyen Bao Viet, Director of Geotechnical and Construction Engineering Institute (GCEI), Soil mechanics & Foundation Engineering Division, NUCE



TIME	ACTIVITIES
12h10 - 13h30	<p>5 - Development of a numerical simulation model in an armored channel with gravel downstream of a dam <i>Assist. Prof. Yuta Mizoguchi, Graduate School of Science and Engineering, SU</i></p> <p>6 - Discussion on Comprehensive Solutions for Urban Transport System in Vietnam <i>Assoc. Prof. Dinh Van Hiep, Director of Institute of Planning and Transportation Engineering (IPTE), NUCE</i></p> <p>7 - Estimation of link travel time function by considering stochastic road capacity <i>Assist. Prof. Tepppei Kato, Graduate School of Science and Engineering, SU</i></p> <p>8 - Coninco - Human resources development in international intergration <i>Dr. Nguyen Dac Phuong, Manager of Marketing Department, CONINCO</i></p> <p>Lunch box at Meeting room, 2nd Library</p>
<p>AFTERNOON 13h30 - 14h10</p> <p>14h10 - 16h00</p>	<p>Technical session 1 : Academic staffs from NUCE and SU</p> <p>9 - Experimental study of crack repair in concrete using microorganisms <i>Assist. Prof. Yao Luan, Graduate School of Science and Engineering, SU</i></p> <p>10 - Mechanical behavior of brick and concrete-based recycled materials from construction and demolition waste (CDW) in flexural structural members <i>MSc. Nghiem Ha Tan, NUCE</i></p> <p>11 - Removal of heavy metal (and organic/oil) from leachate by applying recycled material from construction and demolition waste (CDW) in the hybrid filter systems <i>MSc. Tran Hoai Son, NUCE</i></p> <p>12 - Research and development lightweight aggregate for wastewater treatment utilizing recycled masonry from construction and demolition waste (CDW) <i>MSc. Ngo Kim Tuan, NUCE</i></p> <p>Technical session 2 : Graduate Students & Postdoc</p> <p>1 - Geotechnical Utilization of Clay Brick and Drinking Water Sludge <i>Iqbal Muhammad Rashid, Phd student, Graduate School of Science and Engineering, SU</i></p> <p>2 - Study on Traffic Management in order to Reduce Congestion Surrounding Areas of Primary Schools in Center of Hanoi <i>Vu Van Huy - Joint Master student of SU and NUCE</i></p> <p>3 - Characterizaing chemical compositions of CDW samples in Vietnam <i>Ngo Ha Thanh, Msc Student, Graduate School of Science and Engineering, SU</i></p> <p>4 - Field survey of deteriorated concrete structures in tropical conditions with non-destructive methods— Case study: Short span bridges in Northern Vietnam <i>Nguyen Trung Kien - Joint Master student of SU and NUCE</i></p>



TIME	ACTIVITIES
16h00 - 16h20 16h20 - 16h25 16h25 - 17h10	<p>5 - Evaluation of surface runoff and drainage in permeable pavement system by spread sheet analysis <i>Akira Kato, Postdoc Researcher, Graduate School of Science and Engineering, SU</i></p> <p>6 - Study on the ability to recycle demolition waste at some cities in Vietnam <i>Tran Viet Cuong - Joint Master student of SU and NUCE</i></p> <p>7 - Mechanical Behavior of Prestressed Concrete Members with Ruptured/Damaged Prestressing Tendons <i>Yuta Hoshina, Msc student, Graduate School of Science and Engineering, SU</i></p> <p>8 - A Verification of Safety Capacity of 150mm thickness Wall Barrier: Static Load Test <i>Yusuke Suzuki, Msc student, Graduate School of Science and Engineering, SU</i></p> <p>9 - An experimental study to identify the influence of steel corrosion on concrete - steel bond <i>Tran Hoai Anh - PhD student, NUCE</i></p> <p>10 - A study of properties of fly ash blended self-compacting concrete at low temperature <i>Sho Hasebe, Msc student, Graduate School of Science and Engineering, SU</i></p> <p>11 - Development of Precast Concrete Barrier for Renewal Expressway <i>Tatsushi Nakao, Msc student, Graduate School of Science and Engineering, SU</i></p> <p>Coffee break</p> <p>Vote of Thanks by Prof. Ken Kawamoto - Organizing Committee of Joint Seminar, SU</p> <p>Student discussion between SU JASSO and NUCE <i>Coordinators: Dr. ChandraGoit / SU; MSc. Nghiem Ha Tan/ NUCE</i> <i>Theme: Research Activities and Exchange Students</i></p>
EVENING 19h00	Party