

# US-UC-KU International Joint Seminar at Kumamoto 2010

Korea-Canada-Japan Joint Seminar on Urban Transportation, Disaster Prevention, Landscape Design, Health and Community Development

August 25-27, 2010 Kumamoto University

## Program

(20min Presentation and 10 min Q&A)

August 25th (Wednesday) Venue: Kusunoki Kaikan, Kurokami North Campus	
1:00 PM	Opening Remark by Kenji FURUKAWA, Vice-President (International Affairs) of Kumamoto University
1:10PM - 2:40 PM	<b>Session 1: Design and Modeling of Transportation</b> Shoshi MIZOKAMI (KU) and Toshio FUJIMI: Bus Network Reorganization and Mechanism Design for Incentive Subsidy Scheme Alexandre de Barros (UC): Factors Affecting the Ability of Airports to Attract Transfer Passenger Traffic Jaisung Choi (US): Analysis of Safety Effects of Geometric Design Standards for Roundabouts (coffee break)
3:00PM - 5:00 PM	<b>Session 2: Transportation Planning</b> Masayuki FUKUMOTO (Nagoya Univ.), Yosuke NISHIYAMA, Hirokazu KATO, Zhuo SUN: A Feasibility Analysis of Introduction of Small Capacity Public Transport System in an Area with Sparse Public Transport Demand Emri Juli Harnis and Shoshi MIZOKAMI (KU): Learning from London and Seoul Experiences in Public Transport Reform Takuya MARUYAMA (KU): Proposal of Peak-load Deposit System to Urban Congestion Problem Keisuke IWATA (KU) and Naoto TANAKA: Community Development in the Kumamoto Castle Town based on Management of Tsuboi River
6:00PM-8:00PM	<b>Welcome Dinner (Kusunoki Kaikan Reception Room)</b>
August 26th (Thursday) - Venue: Room A209 (Common Meeting Room A), Faculty of Engineering Building No.1, Kurokami South Campus	
9:00AM - 10:30AM	<b>Session 3: Safety, Transport &amp; Disaster Prevention</b> Fumihiko YAMADA (KU): Development and Implementation of Community-based Flood Monitoring System SooBeom Lee (US): A Study on Driver's Psychological Reaction in a Very Long Tunnel using a Driving Simulator Do-Gyeong Kim (US): Developing Crash Prediction Models for Hotspot Identification without Zero Crash Counts (coffee break)
10:40AM - 12:10PM	<b>Session 4: Models and Simulation in Transport and Land-use</b> Youngchan Kim (US): A Practical Approach of Traffic Signal Timing For Bus Rapid Transit John Douglas Hunt (UC) and M Hassanvand: Factors Affecting Utility of Passenger Modes in Calgary Atsushi SUZUKI (Meijyo Univ.): A Matching Model of Housing Market for Land-Use Micro-Simulation
12:15PM - 1:00 PM	<b>Lunch (FORICO)</b>
1:10PM - 2:40PM	<b>Session 5: Planning and Disaster Prevention</b> Mitsuo MOROZUMI (KU, Dean, School of Engineering): Planning goals and tasks for 400 year old Castle City: Kumamoto Ryuji KAKIMOTO (KU) The Impact Analysis of Bus Industry Deregulation by Estimating a Cost Function Toshio FUJIMI (KU), Ryuji KAKIMOTO, Fumihiko YAMADA: Empirical Study on Dynamic Change of Flood Risk Curve in Kosen Town, Kumamoto
3:00PM - 5:00 PM	Technical Tour (by University Bus)
6:00PM - 9:00PM	<b>Conference Dinner (SUNTORY Beer Garden)</b>
August 27th (Friday) - Venue: Room A209 (Common Meeting Room A), Faculty of Engineering Building No.1, Kurokami South Campus	
9:00AM-10:30AM	<b>Session 6: ICT and Health Promotion</b> Kanzo OKAZAKI (Waseda Univ.), Ai SHIBATA, Kaori ISHII, Fujimi TAKEDA-IMAI Hiroko YAKO-SUKETOMO, Yoko KAWAMURA, Keiko MORIYA, Koichiro OKA: Municipal Approach for Promoting Walking in Local Community: Integration of Environmental Equipment and ICT Program Hiroko YAKO-SUKETOMO (National Cancer Center): Intersectoral collaboration for health promotion activities Yoko KAWAMURA (KU): Entertainment-education strategy for healthy community (coffee break)
10:40AM-12:10PM	<b>Session 7: ICT and Transportation</b> Takuma MITANI (Univ. of Tokyo) & Eiji HATO: Application of Traffic Assignment Using Probe Person Data and Micro-Traffic Simulator Seungjae Lee (US): Reliability Based Dynamic User Equilibrium Traffic Assignment Hiroki YAMAZAKI (Kyoto Univ.), Nobuhiro UNO, Fumitaka KURAUCHI, Yasuhiro SHIOMI: The Effect Analysis of a New Intercity Expressway using ETC Data
12:20PM - 1:20 PM	<b>Lunch (FORICO)</b>
1:30 PM - 3:00 PM	<b>Session 8: City and Community development (1)</b> Kayako KOBAYASHI (Yufu City Council/KU), Seiji YONEDA, Tadashi TAKAO: Tourism Development in Yufuin / Making a Landscape Plan and Agreement of Yunotsubo District in Yufuin by local residents. Yasushi IWABICHI (KU): Urban Development and Participatory Democracy - The Case Example of Bordeaux in France- Shin-ya UENO (KU): Measuring Social Capital (coffee break)
3:20 PM - 4:50 PM	<b>Session 9: City and Community development (2)</b> Yuji HOSHINO (KU) and Kaoru ONO: A Street Design as a Device to Cultivate Attachment of Inhabitants Keiko NAGAMURA (KU): Conservation of Tsujun Irrigation System Naoto TANAKA (KU): Local Participation Experience for the Conservation of the Cultural Landscape of Rice Fields in Shiraito Plateau and Tsujun Irrigation Canal
5:00PM	Closing Remark
Note)	US: University of Seoul, UC: University of Calgary, KU: Kumamoto University