

17th International Conference on Computers in Urban Planning and Urban Management



Conference Programme

16-18 June 2009

The University of Hong Kong, Hong Kong

CUPUM 20th Anniversary



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11th International Conference on Computers in Urban Planning and Urban Management

CUPUM 20th Anniversary

The *International Conference on Computers in Urban Planning and Urban Management* (CUPUM) is a premier biennial international conference series where international experts presented their innovative research and developments in various computer applications in urban planning, environmental management, housing, transportation, and urban management. This international conference series was initiated and organized in Hong Kong by the Centre of Urban Studies and Urban Planning of the University of Hong Kong in August 1989. Since then, it has been held in Oxford, UK (1991), Atlanta, USA (1993), Melbourne, Australia (1995), Mumbai, India (1997), Venice, Italy (1999), Honolulu, USA (2001), Sendai, Japan (2003), London, UK (2005) and Iguassu Falls, Brazil (2007). Selected papers of the conferences have been published in special issues of *Environment and Planning B* and *Computers, Environment and Urban Systems*.

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The University of Hong Kong, Hong Kong

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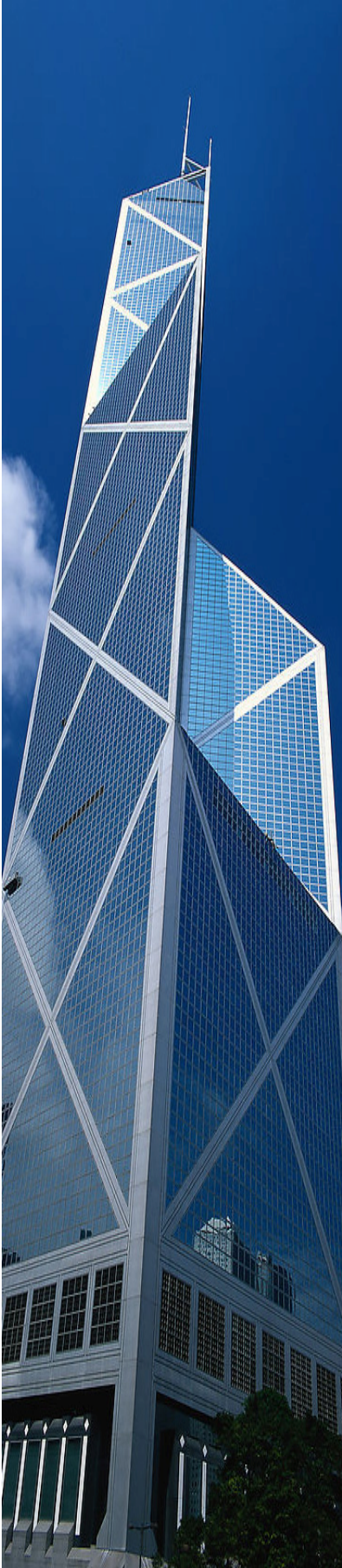


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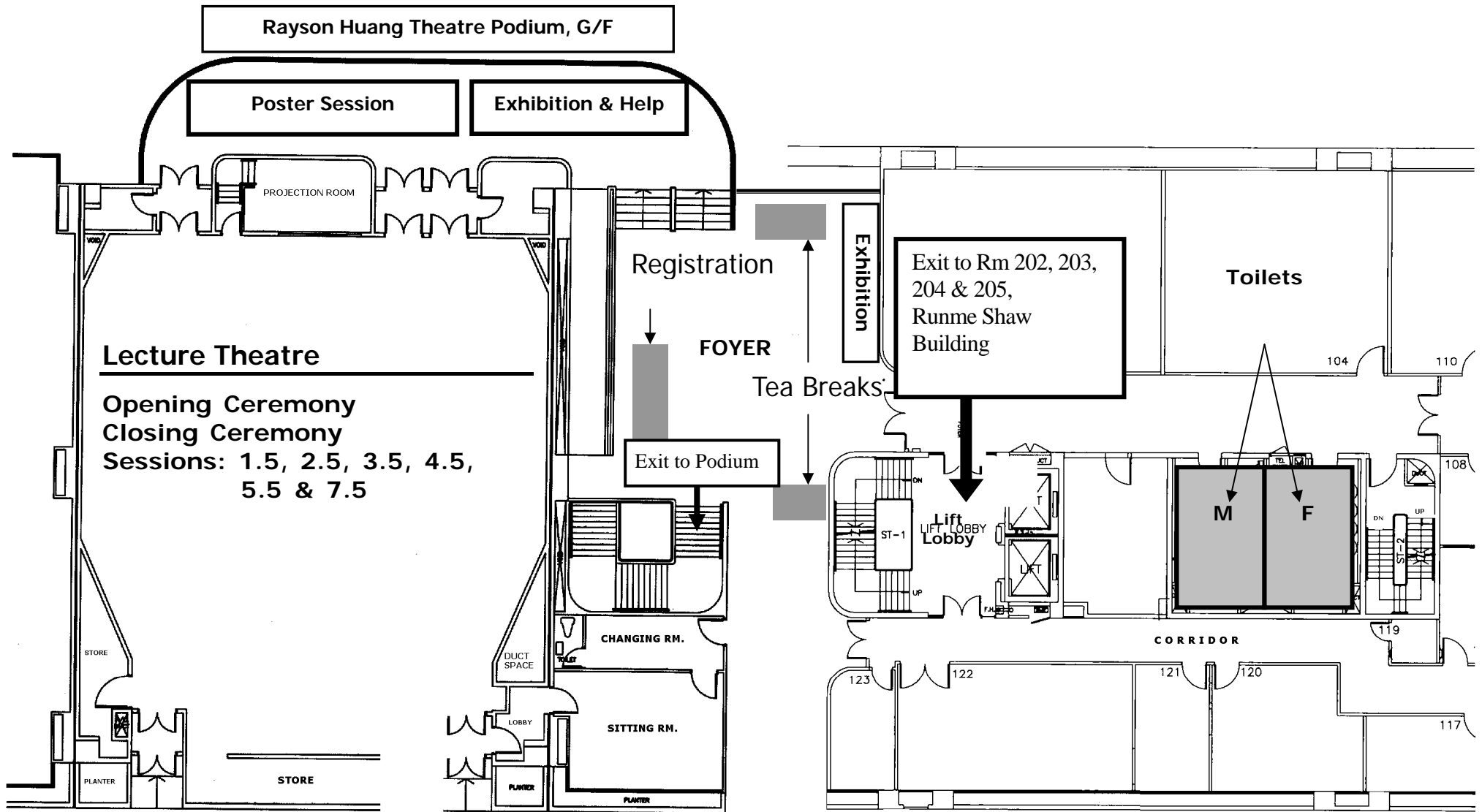
Programme At-a-Glance

Registration		Monday, 15 June		3:00 pm – 5:30 pm		
		Tuesday, 16 June		8:45 am – 5:20 pm		
		Wednesday, 17 June		9:00 am – 5:20 pm		
Tuesday, 16 June		Wednesday, 17 June		Thursday, 18 June		
Opening Ceremony & Plenary Session (9:30 am -10:30 am, RHT)		Parallel Session 3 (9:00 am - 10:30 am)	3.1 Remote Sensing (RS 202)	Parallel Session 7 (8:45 am -10:15 am)	7.1 Disaster Mitigation and Evacuation (RS 202)	
			3.2 Planning Support System I (RS 203)		7.2 Survey & Data Collection I (RS 203)	
Tea & Coffee Break (10:30 am-10:50 am, PODIUM)		Tea & Coffee Break (10:30 am-10:50 am, FOYER)		Tea & Coffee Break (10:15 am-10:30 am, FOYER)		
		Panel Discussion (10:50 am -12:20 pm, RHT)	Parallel Session 4 (10:50 am -12:20 pm)	4.1 Geocomputation I (RS 202)	Parallel Session 8 (10:30 am - 11:55 am)	8.1 Safety & Health Care (RS 202)
4.2 Planning Support System II (RS 203)	8.2 Survey & Data Collection II (RS 203)					
Lunch (12:20 pm - 2:00 pm, MAXIM)		Lunch (12:20 pm - 2:00 pm, MAXIM)		Closing Ceremony (11:55 am - 12:20 pm, RHT)		
		Parallel Session 1 (2:00 pm - 3:30pm)		Parallel Session 5 (2:00 pm - 3:30 pm)	Lunch (12:20 pm - 1:10 pm, MAXIM)	
1.1 Spatial Analysis: Methodology (RS 202)	5.1 Spatial Analysis: Public Facility (RS 202)				1:20 pm HK Technical Tours 4:30 pm Pearl River Delta Technical Tour	
1.2 Visualizing Sustainable Planning (RS 203)	5.2 CAD & Visualization II (RS 203)					
1.3 Environmental Planning & Policy I (RS 204)	5.3 Urban Management Systems (RS 204)					
1.4 Land use & Transport I (RS 205)	5.4 Transport & Logistics (RS 205)					
1.5 Urban Modelling I (RHT)	5.5 Agent Based Model: Economic Activity (RHT)					
Tea & Coffee Break (3:30 pm -3:50 pm, FOYER)		Tea & Coffee Break (3:30 pm - 3:50 pm, FOYER)		Poster Session (9:30 am – 5:20 pm, FOYER)		
Parallel Session 2 (3:50 pm - 5:20 pm)		Poster Session (2:00 pm – 5:20 pm, FOYER)	Parallel Session 6 (3:50 pm - 5:20 pm)			6.1 Public Participation (RS 202)
						6.2 CAD & Visualization III (RS 203)
						6.3 Environmental Planning & Policy III (RS 204)
				2.5 Urban Modelling II (RHT)		
Conference Dinner (6:30 pm - 9:30 pm, JUMBO)						

- ◆ **FOYER** – Rayson Huang Theatre Foyer
- ◆ **MAXIM** – Maxim’s Food, 4/F Chong Yuet Ming Amenities Centre
- ◆ **RS** – Runme Shaw Building

- ◆ **JUMBO** – Jumbo Kingdom, Aberdeen
- ◆ **PODIUM** – Rayson Huang Theatre Podium
- ◆ **RHT** – Rayson Huang Theatre

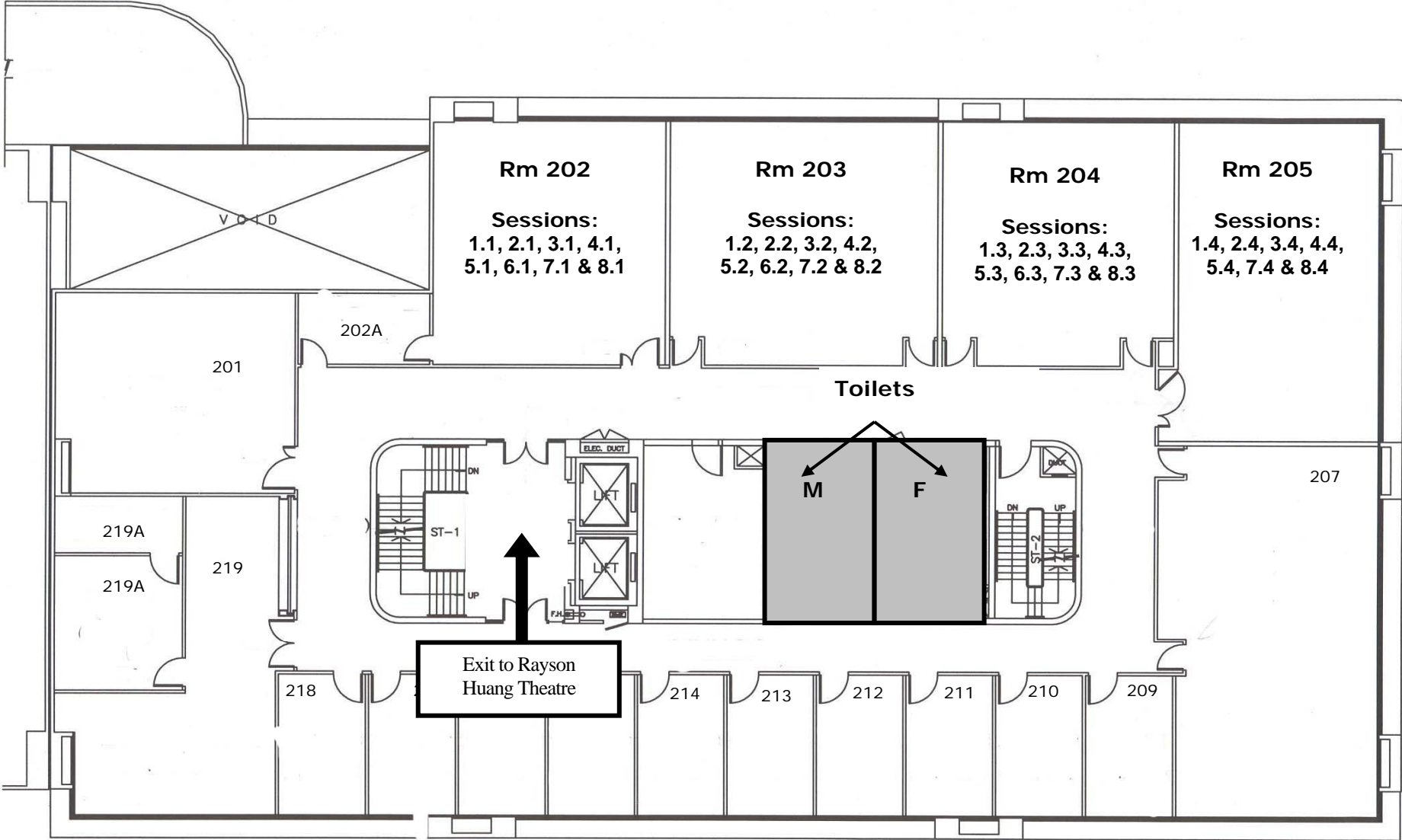
Floor Plan of Rayson Huang Theatre and Runme Shaw Building (1st Floor)



**Rayson Huang Theatre
FIRST FLOOR**

**Runme Shaw Building
FIRST FLOOR**

Floor Plan of Runme Shaw Building (2nd Floor)



Tuesday, 16 June

Tuesday, 16 June
9:30 am – 10:30 am

Opening Ceremony

Room: Rayson Huang Theatre

Welcoming Address by Prof. Paul Tam,
Pro-Vice-Chancellor (Research),
The University of Hong Kong

Welcoming Address by Dr. Ray Wyatt,
Chairman of the Board of Directors

Welcoming Address by Prof. Anthony Yeh,
Chairman of the Organizing Committee

Plenary Session

Development of Computer Applications in
the Planning Department of Hong Kong
Mrs. Ava S Y Tse Ng, JP, Director of Planning,
HKSAR Government

Tea & Coffee Break
10:30 am – 10:50 am, Tuesday
Rayson Huang Theatre Podium

Tuesday, 16 June
10:50 am – 12:20 pm

**Panel Discussion – Past, Present
and Future Applications of
Computers in Urban Planning and
Urban Management**

Room: Rayson Huang Theatre

Lunch
12:20 pm – 2:00 pm, Tuesday
Maxim's Food
4/F Chong Yuet Ming
Amenities Centre

Tuesday, 16 June
2:00 pm – 3:30 pm

Parallel Session 1

1.1 Spatial Analysis: Methodology

Room: 202 Runme Shaw Building

Chair: Jiang, Bin [*University of Gävle, Sweden*]

**AxialGen: A Research Prototype for
Automatically Generating the Axial Lines**
Jiang, Bin [*University of Gävle, Sweden*]
Liu, Xintao [*University of Gävle, Sweden*]

**Using Binary Space Partitioning to Generate
Urban Spatial Patterns**
Morgan, Fraser [*The University of Auckland,
Australia*]
O'Sullivan, David [*The University of Auckland,
Australia*]

**A Spatially Gravitative Autocorrelation for
Analyzing Land Use Change in Ankeng**
Lin, Feng-Tyan [*National Taiwan University, Taipei*]
Yu, Chia-Yuan [*National Taiwan University, Taipei*]

1.2 Visualizing Sustainable Planning

Room: 203 Runme Shaw Building

Chair: Guhathakurta, Subhrajit [*Arizona State
University, USA*]

**Visualizing Indicators of Suburbanization by
Using Surfaces and Flexible Structures**
Petsch, Sebastian [*TU Kaiserslautern, Germany*]
Heischbourg, Luc [*TU Kaiserslautern, Germany*]
Müller, Kerstin [*TU Kaiserslautern, Germany*]
Guhathakurta, Subhrajit [*Arizona State University,
USA*]
Hagen, Hans [*TU Kaiserslautern, Germany*]

**Re-Tooling Urban Planners - Google Earth as
Visualization Tool for Sustainable Planning**
Middel, Ariane [*Arizona State University, USA*]
Olech, Peter-Scott [*TU Kaiserslautern, Germany*]
Hagen, Bjoern [*Arizona State University, USA*]

**Understanding Urban Complexity through
Integrated Simulation Framework**
Li, Ke [*Arizona State University, USA*]

Visualising What If? Generated Land-Use Planning Scenarios

Bishop, Ian [*The University of Melbourne, Australia*]

Pettit, Christopher [*Department of Primary Industries, Australia*]

An Van, Ba Duy [*The University of Melbourne, Australia*]

Lynch, Jessica [*The University of Melbourne, Australia*]

1.3 Environmental Planning & Policy I

Room: 204 Runme Shaw Building

Chair: Shen, Qing [*University of Maryland College Park, USA*]

A Preliminary Analysis of the Influence of Urban Form on Household Travel, Energy Consumption, and Emissions

Liu, Chao [*University of Maryland College Park, USA*]

Shen, Qing [*University of Maryland College Park, USA*]

A Strategy to Reduce Commuting Related Carbon Emissions and Energy Consumption for UniSA Students in Metropolitan Adelaide

Allan, Andrew [*University of South Australia, Australia*]

Urban Indexes as Environmental Noise Indicators

Souza, Lea [*State University of Sao Paulo, Brazil*]

Giunta, Mariene [*State University of Sao Paulo, Brazil*]

A Study on Optimization of Urban Industrial Distribution Using GIS Analysis: A Case of Nanjing, China

Xu, Jiangang [*Nanjing University, China*]

Cao, Xiaohui [*Nanjing University, China*]

Qi, Yi [*Nanjing University, China*]

Zhang, Xiang [*Nanjing University, China*]

Hu, Hong [*Nanjing University, China*]

1.4 Land Use and Transport I

Room: 205 Runme Shaw Building

Chair: Kammeier, Detlef H. [*Asian Institute of Technology, Bangkok, Thailand*]

Socio-Spatially Integrated Configurations of Urbanism: Coexistence of Agglomeration, Suburbanization, Gentrification, and Segregation

Fan, Yingling [*University of Minnesota, USA*]

Transport/Economic/Land-Use Model of Scotland: Land-use Modeling with DELTA

Bosredon, Mélanie [*David Simmonds Consultancy Ltd, UK*]

Dobson, Andy [*David Simmonds Consultancy Ltd, UK*]

Simmonds, David [*David Simmonds Consultancy Ltd, UK*]

Minta, Paul [*David Simmonds Consultancy Ltd, UK*]

Simpson, Tom [*David Simmonds Consultancy Ltd, UK*]

Andrade, Katia [*David Simmonds Consultancy Ltd, UK*]

Gillies, Hugh [*Transport Scotland, UK*]

Lumsden, Kevin [*MVA Consultancy, UK*]

An Integrated System of Transport and Land-use Models for Auckland and Its Applications

Feldman, Olga [*David Simmonds Consultancy, UK*]

Davies, John [*Auckland Regional Council, New Zealand*]

Simmonds, David [*David Simmonds Consultancy Ltd, UK*]

Richmond, Emma [*David Simmonds Consultancy Ltd, UK*]

Young, David

Valero, Jojo [*Auckland Regional Council, New Zealand*]

Developing the Land Use and Transportation Impact Assessment Integrated Modelling Framework for Lisbon Metropolitan Area (LUTIA-Lx)

Campo, Sofia [*University College London, UK*]

Tuesday, 16 June

1.5 Urban Modelling I

Room: Rayson Huang Theatre

Chair: Ferreira, Joseph [MIT, USA]

Polycentricity and Sustainable Development: A Real Estate Approach to Analysing Urban Form and Function in Greater London

Smith, Duncan [University College London, UK]

Toward Planning Development Process: Workflows in Urban Planning Meta-Model

Maruna, Marija [University of Belgrade, Serbia]

Maruna, Vladimir [University of Belgrade, Serbia]

Virtual Cities: Management and Organisational Issues

Podevyn, Martin [Northumbria University, UK]

Horne, Margaret [Northumbria University, UK]

Fisher, Peter [Northumbria University, UK]

Social Network Analysis of Japanese Special Zones System

Fukumoto, Junya [Tohoku University, Japan]

Okamoto, Yoshihiro [Tohoku University, Japan]

Exploring Urban Retail Phase Transitions

Dearden, Joel [University College London, UK]

Wilson, Alan [University College London, UK]

Tea & Coffee Break
3:30 pm – 3:50 am, Tuesday
Rayson Huang Theatre Foyer

Tuesday, 16 June
3:50 pm – 5:20 pm

Parallel Session 2

2.1 Spatial Analysis I

Room: 202 Runme Shaw Building

Chair: Lai, Poh Chin [The University of Hong Kong, Hong Kong]

Interaction Model between Regions in Sightseeing Behavior

Mikami, Chiharu [University of Tokushima, Japan]

Kondo, Akio [University of Tokushima, Japan]

Kondo, Akiko [Shikoku University, Japan]

Mannami, Yoshihiko [Sanyo Electric Railway Co., Ltd., Japan]

Analysis of Urban Spatial Growth Forces and Its Quantificational Way Study

Yu, Zhou [Wuhan University, China]

Wu, Zhihua [Wuhan Academy of Urban Planning and Design, China]

The Inference of Weather and its Spatial Variability on the Demand for Emergency Ambulance Services in Hong Kong

Wong, Ho Ting [The University of Hong Kong, Hong Kong]

Lai, Poh Chin [The University of Hong Kong, Hong Kong]

2.2 CAD & Visualization I

Room: 203 Runme Shaw Building

Chair: Sugihara, Kenichi [Gifu Keizai University, Japan]

Analysis and Visualization of Social Areas in Cities: A SOM and GIS Approach

Li, Yan [Ritsumeikan Asia Pacific University, Japan]

Shanmuganathan, Subana [Auckland University of Technology, New Zealand]

A Survey of Computer Software for the Simulation of City Centre Squares

Charlton, James [Northumbria University, UK]

Giddings, Bob [Northumbria University, UK]

Horne, Margaret [Northumbria University, UK]

Humans as Sensors? The Measurement of Physiological Data in Urban Areas and Its Possible Use for Urban Planning

Zeile, Peter [TU Kaiserslautern, Germany]
Exner, Jan-Philipp [TU Kaiserslautern, Germany]
Streich, Bernd [TU Kaiserslautern, Germany]

Automatic Generation of Various Shapes of 3-D Building Models for Urban Planning

Sugihara, Kenichi [Gifu Keizai University, Japan]
Liu, Yan [Nanyang Technological University, Singapore]
Hayashi, Yoshitugu [Nagoya University, Japan]

2.3 Environmental Planning & Policy II

Room: 204 Runme Shaw Building

Chair: Yan, Wanglin [Keio University, Japan]

A Prototype Distributed Simulation Platform for Online Traffic Emission Predictions

Ma, Xiaoliang [Royal Institute of Technology, Sweden]
Huang, Zhen [Royal Institute of Technology, Sweden]
Zaman, Abdul G. [Royal Institute of Technology, Sweden]
Andréasson, Ingmar [Royal Institute of Technology, Sweden]

Research on the Risk Assessment of the Non-point Source Pollution in the Miyun Reservoir Watershed Based on GIS

Shen, Tao [Tsinghua University, China]
Dang, Anrong [Tsinghua University, China]

Assessment of the Cooling Capacity of Urban Parks by Canopy Layer Characteristics and Ground Temperature Observations

Yan, Wanglin [Keio University, Japan]
Yokotsuka, Hiromi [Keio University, Japan]

2.4 Land Use and Transport II

Room: 205 Runme Shaw Building

Chair: Zhang, Ming [The University of Texas at Austin, USA]

Exploring Causal Influences of the Built Environment on Travel Behavior Using Propensity Score Matching

Cao, Xinyu [University of Minnesota, USA]
Fan, Yingling [University of Minnesota, USA]

How the Establishment of a Metro System Changed Urban Land Use Patterns in the Metropolitan Region of the Brazilian Federal District: A Spatiotemporal Analysis

Takani, Marise S.M. [University of Brasilia, Brazil]
Silva, Alexandre Henrique [University of Brasilia, Brazil]
Taco, Pastor Willy Gonzales [University of Brasilia, Brazil]

Relationship between Urban Form and Walking Trips in a Brazilian Medium Sized City

Sanches, Suely [University of São Carlos, Brazil]
Ferreira, Marcos [University of São Carlos, Brazil]
Amancio, Marcelo [University of São Carlos, Brazil]

Understanding the Contextual Effects of Land Use on Travel Mode Choice for Non-work Travel: A Multilevel Analysis

Zhang, Ming [The University of Texas at Austin, USA]

Tuesday, 16 June

2.5 Urban Modelling II

Room: Rayson Huang Theatre

Chair: Wegener, Michael [*Spiekermann & Wegener, Germany*]

Energy Scarcity and Climate Change: the Challenge for Urban Models

Wegener, Michael [*Spiekermann & Wegener, Germany*]

Philosophical and Conceptual Characteristics of Ubiquitous City Strategies and Projects

Lee, Sang Ho [*Hanbat National University, Korea*]
Leem, Youn Taik [*Hanbat National University, Korea*]

Towards a Computational Paradigm for Models of Structure and Agency

Heikkila, Eric [*University of Southern California, USA*]

Urban Growth Models as Web Services

Flaxman, Michael [*MIT, USA*]
Li, Weifeng [*MIT, USA*]

Tuesday, 16 June
2:00 pm – 5:20 pm

Poster Session

Venue: Rayson Huang Theatre Foyer

Research on Influence of Railway Station Development and Changes of Land Use in Japanese Cities

Zhuang, Xinyu [*Kyushu University, China*]
Zhao, Shichen [*Kyushu University, China*]
Li, Zhuoran [*Kyushu University, China*]

A Case Study for Collecting Personal Information to Support Sustainable

Usui, Mahito [*Mie University, Japan*]
Fukuyama, Kaoru [*Mie University, Japan*]

Demarcation of Prioritarian Areas to Riparian Forest Recuperation in Santa Rita do Sapuca City - Minas Gerais State, Using Geographic Information Systems

Paes, Fernanda da Silva [*Itajubá Federal University, Brazil*]
Pons, Nivea Adriana Dias [*Itajubá Federal University, Brazil*]
Dupas, Francisco Antonio [*Itajubá Federal University, Brazil*]

Enterprise GIS for Metropolitan Bangalore

Shanker, B. [*University of Mysore, India*]
Raghunath, M. [*University of Mysore, India*]

Conference Dinner

6:30 pm – 9:30 pm, Tuesday

Jumbo Kingdom, Aberdeen

All registered participants are welcome!

Coach Pick-up Time: 5:30 pm

Pick-up Location: Road behind Rayson Huang Theatre

(please see location map at the back of the conference programme)

Wednesday, 17 June
9:00 am – 10:30 am

Parallel Session 3

3.1 Remote Sensing

Room: 202 Runme Shaw Building

Chair: Tung, Fung [*The Chinese University of Hong Kong, Hong Kong*]

Detecting Intra-urban Morphological Patterns through Interpolation by Ordinary Kriging of lacunarity Values from High Spatial Resolution Satellite Images

Barros Filho, Mauro N. M. [*Federal University of Pernambuco, Brazil*]

Verification of the Analysis Method for Extracting Spatial Continuity of Vegetation Distribution on a Regional Scale

Kumagai, Kiichiro [*Setsunan University, Japan*]

Forecasting Impervious Surface for Urban Heat Island Analysis

French, Steven P. [*Georgia Institute of Technology, USA*]

Lee, Sugie [*Cleveland State University, USA*]

3.2 Planning Support System I

Room: 203 Runme Shaw Building

Chair: Klosterman, Richard E. [*University of Akron, USA*]

Eplanning: What is the Attitude towards Information Technology in the New South Wales (Australia) Planning System

Williamson, Wayne [*University of New England, Australia*]

McFarland, Paul [*University of New England, Australia*]

Planning Support Systems in China: Retrospective, Practice and Prospective

Li, Yuan [*Xiamen University, China*]

Klosterman, Richard E. [*University of Akron, USA*]

Su, Hai-long [*Fudan University, China*]

Wang, Xin-jun [*Fudan University, China*]

A Loosely-coupled Planning Support System for Transportation Sketch Planning

Rodrigues da Silva, Antonio Nelson [*University of São Paulo, Brazil*]

Klosterman, Richard E. [*University of Akron, USA*]

Rocha, Gustavo Renno [*University of São Paulo, Brazil*]

3.3 Urban Planning and Design

Room: 204 Runme Shaw Building

Chair: Bishop, Ian [*The University of Melbourne, Australia*]

Land Use Deviations From The Plan: A GIS Based Analysis of Urban Development in Shenzhen

Hao, Pu [*Utrecht University, Netherlands*]

Sliuzas, Richard [*ITC, Netherlands*]

Zhan, Qingming [*Wuhan University, China*]

Geertman, Stan [*Utrecht University, Netherlands*]

Ambient Spatial Intelligence for Sustainable Cities

Duckham, Matt [*The University of Melbourne, Australia*]

Bennett, Rohan [*The University of Melbourne, Australia*]

Bishop, Ian [*The University of Melbourne, Australia*]

Fraser, Clive [*The University of Melbourne, Australia*]

Kealy, Allison [*The University of Melbourne, Australia*]

Leach, Joe [*The University of Melbourne, Australia*]

Ogleby, Cliff [*The University of Melbourne, Australia*]

Rajabifard, Abbas [*The University of Melbourne, Australia*]

Williamson, Ian [*The University of Melbourne, Australia*]

Winter, Stephan [*The University of Melbourne, Australia*]

The Spatial Distribution and the Factor of Abandonment and Extensive Uses of Farmland in Urban Fringe Area of Metropolitan Tokyo

Inaba, Yoshiyuki [*Keio University, Japan*]

Yan, Wanglin [*Keio University, Japan*]

3.4 Travel Demand Analysis I

Room: 205 Runme Shaw Building

Chair: Yeh, Anthony [*The University of Hong Kong, Hong Kong*]

Simulation of Intra-zonal Traffic Flows: The End of Lost Trips

Moeckel, Rolf [*Parsons Brinckerhoff, USA*]
Donnelly, Rick [*Parsons Brinckerhoff, USA*]

Estimation of Origin-Destination Matrix using Gradient Projection Traffic Assignment Algorithm

Bera, Sharmintha [*IIT Bombay, India*]
Rao, K. V. Krishna [*IIT Bombay, India*]

A Self-learning Short-term Traffic Forecasting System through Dynamic Hybrid Approach

Zhu, Jiasong [*Shenzhen University, China*]
Yeh, Anthony [*The University of Hong Kong, Hong Kong*]

Location Choice in the Context of Dynamic Activity Patterns: Model Development and Empirical Results

Arentze, Theo [*Eindhoven University of Technology, Netherlands*]
Ettema, Dick [*Utrecht University, Netherlands*]
Timmermans, Harry [*Eindhoven University of Technology, Netherlands*]

Method of Successive Average for Cell-based Dynamic Traffic Assignment

Babazadeh, Abbas [*University of Tehran, Iran*]
Abravan, Hossein [*Islamic Azad University of Science, Iran*]

3.5 Agent Based Model: Urban Growth

Room: Rayson Huang Theatre

Chair: Li, Xia [*Sun Yat-sen University, China*]

Simulation of Energy System Scenarios for Regional Planning Decision-Making Using Agent-based Modeling

Kremers, Enrique [*University of Karlsruhe, Germany*]
Viejo Garcia, Pablo [*University of Karlsruhe, Germany*]

Case Study of Demographic Urban-porosis by Multi-Agents Simulation for Shrinking Urban Policies

Taniguchi, Okinori [*Osaka Sangyo University, Japan*]
Perry, Fumiko K. [*Osaka Sangyo University, Japan*]
Kawaguchi, Masatake [*Osaka Sangyo University, Japan*]
Sakakibara, Kazuhiko [*Osaka Sangyo University, Japan*]

Typo-morphology and Object-based Automata: Methodological Advanced towards a More Accurate Modeling of Urban Growth Patterns

Stanilov, Kiril [*University College London, UK*]

Simulation of Urban Transformation and Relating Energy Demand in a German Case Study Region, through an Agent Based Modeling Approach

Keim, Christian [*European Institute for Energy Research, Germany*]
Viejo Garcia, Pablo [*European Institute for Energy Research, Germany*]

Simulating Complex Urban Residential Dynamics by Coupling MAS with Fujita's Time-extended Model

Chen, Yimin [*Sun Yat-sen University, China*]
Li, Xia [*Sun Yat-sen University, China*]
Liu, Xiaoping [*Sun Yat-sen University, China*]

Tea & Coffee Break

10:30 am – 10:50 am, Wednesday
Rayson Huang Theatre Foyer

Wednesday, 17 June
10:50 am – 12:20 pm

Parallel Session 4

4.1 Geocomputation I

Room: 202 Runme Shaw Building

Chair: Miyamoto, Kazuaki [Tokyo City University, Japan]

Goodness-of-Fit Evaluation Method between Observed and Estimated Sets of Micro-Data in Land-Use Micro Simulation

Otani, Noriko [Tokyo City University, Japan]
Miyamoto, Kazuaki [Tokyo City University, Japan]
Sugiki, Nao [Docon Co., Ltd., Japan]

Avoiding Lock-in for Development of On-line Spatial Multi-criteria Evaluation Software

Boerboom, Luc G.J. [ITC, Netherlands]

The Research on the Evaluation Index of Spatial Environment of Urban Low-income Community by Back-Propagation Neural Network

Zhou, Jie [Wuhan University, China]
Xie, Bo [Wuhan University, China]
Bao, Yin [Wuhan University, China]

An Estimation Method of Household Micro-Data for the Base Year in Land-Use Micro Simulation

Miyamoto, Kazuaki [Tokyo City University, Japan]
Sugiki, Nao [Docon Co., Ltd., Japan]
Kitazume, Keiichi [Kansai University, Japan]
Suzuki, Atsushi [Meijo University, Japan]
Vichiensan, Varameth [Kasetsart University, Thailand]

4.2 Planning Support System II

Room: 203 Runme Shaw Building

Chair: Brail, Richard K. [Rutgers University, USA]

Making PSS Research Matter: An Outline of a Pragmatic PSS Research Approach

te Bommelstroet, Marco [University of Amsterdam, Netherlands]
Bertolini, Luca [University of Amsterdam, Netherlands]

Supporting Decisions in the Face of Multiple Plans

Kaza, Nikhil [University of Maryland - College Park, USA]

Planning Support Systems: Bridging the Gap between Technology and User

Brail, Richard K. [Rutgers University, USA]

4.3 Planning and Urban Space

Room: 204 Runme Shaw Building

Chair: Borri, Dino [Technical University of Bari, Italy]

Subdivisions of Building Lots in Established Urban Districts

Osaragi, Toshihiro [Tokyo Institute of Technology, Japan]

AI-assisted Strategic Planning and the Human Representation of Urban Spaces

Borri, Dino [Technical University of Bari, Italy]
Camarda, Domenico [Technical University of Bari, Italy]

Landscape Analysis of Bamboo Groves in Kyoto

Yoshikawa, Shin [Osaka Institute of Technology, Japan]
Tanaka, Kazunari [Osaka Institute of Technology, Japan]

Complexity and Planning: The Control of Chaos with a Tiny Perturbation, the Case of

Gentrification and Rehabilitation of Urban Areas
Semboloni, Ferdinando [University of Florence, Italy]

4.4 Travel Demand Analysis II

Room: 204 Runme Shaw Building

Chair: Shi, Wenzhong [*The Hong Kong Polytechnic University, Hong Kong*]

Position Potential for Analysing Optimal Locations in Urban Road Networks

Li, Zhuoran [*Kyushu University, Japan*]

Zhao, Shichen [*Kyushu University, Japan*]

Ogawa, Yuki [*Kyushu University, Japan*]

Situational Latent Class Model of Activity Rescheduling, Route Choice and Information Acquisition Decisions under Multiple Uncertain Events

Sun, Zhongwei [*Eindhoven University of Technology, Netherlands*]

Arentze, Theo [*Eindhoven University of Technology, Netherlands*]

Timmermans, Harry [*Eindhoven University of Technology, Netherlands*]

The Impact of Online Shopping Demand on the Distribution Networks: A Simulation Approach

Lim, Hyunwoo [*University of Maryland - College Park, USA*]

Shiode, Narushige [*Cardiff University, UK*]

A Multi-modal, Multi-criteria Dynamic Route Planning Approach with Accurate Walking Guidance

Yu, Haicong [*Chinese Academy of Sciences, China*]

Lu, Feng [*Chinese Academy of Sciences, China*]

4.5 Agent Based Model: Pedestrian

Room: Rayson Huang Theatre

Chair: Batty, Michael [*University College London, UK*]

Activation of Shopping Pedestrian Agents - Empirical Estimation Results

Dijkstra, Jan [*Eindhoven University of Technology, Netherlands*]

Timmermans, Harry [*Eindhoven University of Technology, Netherlands*]

Vries, Bauke de [*Eindhoven University of Technology, Netherlands*]

Assessing Walkability in the City of Buffalo: An Application of Agent-based Simulation

Yin, Li [*State University of New York at Buffalo, USA*]

Simulation of Pedestrian Movement in City Centers – an Engineering Basis

Dijkstra, Jan [*Eindhoven University of Technology, Netherlands*]

Jessurun, Joran [*Eindhoven University of Technology, Netherlands*]

Timmermans, Harry [*Eindhoven University of Technology, Netherlands*]

Vries, Bauke de [*Eindhoven University of Technology, Netherlands*]

Lunch

12:20 pm – 2:00 pm, Wednesday

Maxim's Food

4/F Chong Yuet Ming

Amenities Centre

Wednesday, 17 June
2:00 pm – 3:30 pm

Parallel Session 5

5.1 Spatial Analysis: Public Facility

Room: 202 Runme Shaw Building

Chair: Zhan, Qingming [*Wuhan University, China*]

Locating Urban Facilities in Presence of Barrier Constraints using a Multi-Objective Optimization Heuristic

Neema, Meher Nigar [*Toyohashi University of Technology, Japan*]

Ohgai, Akira [*Toyohashi University of Technology, Japan*]

Advanced Computing for Evaluating Facility Needs and Enhancing Sustainable Development of Public Facility Investment Plans

Green, Cheri [*CSIR: Built Environment, South Africa*]

Breetzke, Ken Breetzke [*CSIR: Built Environment, South Africa*]

Mans, Gerbrand [*eThekweni Municipality, South Africa*]

Research on Characteristics of Living Spaces in Wuhan Based on Remote Sensing and GIS

Zhan, Qingming [*Wuhan University, China*]

Deng, Mulin [*Wuhan University, China*]

Xiao, Yinghui [*Wuhan University, China*]

Study on Locating Urban Public Facility Based on GIS for Detailed Urban Planning - Taking Primary School as an Example

Hu, Shangru [*Tsinghua University, China*]

Kong, Xianjuan [*Beijing Tsinghua Urban Planning and Design Institute, China*]

Li, Gongli [*Beijing Tsinghua Urban Planning and Design Institute, China*]

Dang, Anrong [*Tsinghua University, China*]

Liang, Wei [*Tsinghua University, China*]

Measuring Equity in Relation to Urban Facilities Using a Spatial Opportunity Indicator

Gheno, Patricia [*Federal University of Rio Grande do Sul, Brazil*]

5.2 CAD & Visualization II

Room: 203 Runme Shaw Building

Chair: Bossard, Earl G. [*San Jose State University, USA*]

On the Extraordinary Detailed Digital Information for Universal Design

Tanaka, Kazunari [*Osaka Institute of Technology, Japan*]

Yoshikawa, Shin [*Osaka Institute of Technology, Japan*]

Development of Shouzui Ruins Digital Museum Combined With Cellular Phone and Website

Tamaari, Tomoko [*The University of Tokushima, Japan*]

Watanabe, Kojiro [*The University of Tokushima, Japan*]

Suzuki, Keiichi [*The University of Tokushima, Japan*]

Kondo, Akio [*The University of Tokushima, Japan*]

Generation of User-defined Landscapes for Multi-actor Plan-making

Slager, Kymo [*Eindhoven University of Technology, Netherlands*]

Vries, Bauke de [*Eindhoven University of Technology, Netherlands*]

Jessurun, Joran [*Eindhoven University of Technology, Netherlands*]

Developing a Visual Urban Landscape Character System (VULCS)

Pateman, Michael [*The University of Cincinnati, USA*]

Triantafyllou, Menelaos [*The University of Cincinnati, USA*]

Wang, Xinhao [*The University of Cincinnati, USA*]

5.3 Urban Management Systems

Room: 204 Runme Shaw Building

Chair: Muhamad Ludin, Ahmad Nazri [*Universiti Teknologi Malaysia, Malaysia*]

GIS Use for Planning in Wisconsin's Public Agencies

Aslıgül, Göçmen Z. [*University of Wisconsin Madison, USA*]

Monitoring Local Plan Compliance through Land Use Monitoring System

Muhamad Ludin, Ahmad Nazri [*Universiti Teknologi Malaysia, Malaysia*]
Abdul Kadir, Mohd Nuruddin [*Universiti Teknologi Malaysia, Malaysia*]
Sulaiman, Susilawati [*Universiti Teknologi Malaysia, Malaysia*]

The Telecommunication Infrastructure for Space of Flows or Spaces of Place? Examining Taipei's CyberCity Project, Bounded Global Reach, and its Scalar Contestation

Lan, Cassidy I-Chih [*National Taipei University, Taipei*]

GIS Application in Monitoring Development Plan Implementation in Malaysia: Weaknesses and Potential

Abdullah, Muhammad Faris [*International Islamic University Malaysia, Malaysia*]
Abdullah, Alias [*International Islamic University Malaysia, Malaysia*]
Zahari, Rustam Khairi [*International Islamic University Malaysia, Malaysia*]

Analysis of Current Status and Future Tendency for Development of Sustainable e-Local Government in Prefecture

Koga, Takayuki [*University of Tokyo, Japan*]
Sekimoto, Yoshihide [*University of Tokyo, Japan*]
Shibasaki, Ryosuke [*University of Tokyo, Japan*]

5.4 Transport & Logistics

Room: 205 Runme Shaw Building

Chair: Okumura, Makoto [*Tohoku University, Japan*]

A Hierarchical Accumulated Cost Surface Method for Approximating Multi-modal Travel Cost

Leleito, Emanuel [*Toyohashi University of Technology, Japan*]
Ohgai, Akira [*Toyohashi University of Technology, Japan*]

Research on Calculating Increased Traffic Service Capacity of Widened Junction Using Traffic Simulation Approach

Wu, Zhen [*Hefei Municipal Design Institute, China*]

Flow-Capturing Location Allocation Programming for More Effective and Robust Locations

Okumura, Makoto [*Tohoku University, Japan*]
Hori, Satoshi [*Tohoku University, Japan*]

Study for the Localization of Vehicle Weighing Stations in Brazilian Federal Highways

Morales, Paulo [*CENTRAN, Brazil*]
Quadros, Saul [*CENTRAN, Brazil*]
Peixoto, Karina [*CENTRAN, Brazil*]
Ribeiro, Glaydston [*CENTRAN, Brazil*]

The Configurational Approach for Cycling Urban Mobility

Barros, Ana Paula Borba Gonçalves [*University of Brasilia, Brazil*]
Medeiros, Valério Augusto Soares de [*University of Brasilia, Brazil*]
Holanda, Frederico Rosa Borges de [*University of Brasilia, Brazil*]
Silva, Paulo Cesar Marques da [*University of Brasilia, Brazil*]
Velloso, Mônica Soares [*University of Brasilia, Brazil*]

5.5 Agent Based Model: Economic Activity

Room: Rayson Huang Theatre

Chair: Moon, Tae-Heon [*Gyeongsang National University, Korea*]

Simulating the Impact on Downtown of Large-Scale Shopping Centre Location: Integrating GIS dataset to MAS platform as a Case Study in Kanazawa City in Japan

Shen, Zhenjiang [*Kanazawa University, Japan*]
Yao, Xiaobai Angela [*University of Georgia, USA*]
Kawakami, Mitsuhiko [*Kanazawa University, Japan*]
Koujin, Masahito [*Kanazawa University, Japan*]

Modelling Spatial Patterns of Economic Activity in the Netherlands

Yang, Jung-Hun [*Utrecht University, Netherlands*]
Ettema, Dick [*Utrecht University, Netherlands*]
Frenken, Koen [*Eindhoven University of Technology, Netherlands*]
Van Oort, Frank [*Utrecht University, Netherlands*]
Visser, Evert-Jan [*Ministry of Economic Affairs, Netherlands*]

A Study of Global and Individuals Transaction Costs in Primitive Trading Clusters

Lavangnananda, Kittichai [*King Mongkut's University of Technology Thonburi, Thailand*]
Maneechan, Asada [*King Mongkut's University of Technology Thonburi, Thailand*]

Housing Multi-agent Model for the Simulation of Urban Development and Housing Land Use Change

Moon, Tae-Heon [*Gyeongsang National University, Korea*]
Jeong, Kyeong-Seok [*Gyeongsang National University, Korea*]
Heo, Sun-Young [*Gyeongsang National University, Korea*]
Park, Kwang-Je [*Gyeongsang National University, Korea*]

Tea & Coffee Break

3:30 pm – 3:50 am, Wednesday
Rayson Huang Theatre Foyer

Parallel Session 6

6.1 Public Participation

Room: 202 Runme Shaw Building

Chair: Wyatt, Ray [*The University of Melbourne, Australia*]

Marker System through VR Environment for Supporting E-Participation in Urban Development Projects "Case Study: Plaza in Kyushu University, Japan"

Mahmoud, Hatem [*Kyushu University, Japan*]
Arima, Takafumi [*Kyushu University, Japan*]
Daef, Mohamed [*Assiut University, Japan*]
Hammad, Hazem [*Assiut University, Japan*]
Nagano, Masatoshi [*Kyushu University, Japan*]

Community Wishes vs. Developers' Wants: ePlanning as an Instrument of the Neo-liberal Planning Reforms in NSW Australia

Piracha, Awais [*University of Western Sydney, Australia*]

Preference Mapping

Wyatt, Ray [*The University of Melbourne, Australia*]

6.2 CAD & Visualization III

Room: 203 Runme Shaw Building

Chair: French, Steven P. [*Georgia Institute of Technology, USA*]

A Tale of Two Cities: A Strategic Approach for City Modelling on a Regional Scale

Horne, Margaret [*Northumbria University, UK*]

Next Generation GIS: A Brave New World for Spatial Analysis Technologies

French, Steven P. [*Georgia Institute of Technology, USA*]

Drummond, William J. [*Georgia Institute of Technology, USA*]

Object Oriented Visualization of Urban Energy Consumption

Kjems, Erik [*Aalborg University, Denmark*]

Bodum, Lars [*Aalborg University, Denmark*]

Assessment of Google Earth Accuracy in Urban Maps for Transportation Georeferenced in Geographic Information System

Lima, Renato da Silva [*Federal University of Itajuba, Brazil*]

Pons, Nivea Adriana Dias [*Federal University of Itajuba, Brazil*]

Lima, Josiane Palma [*Federal University of Itajuba, Brazil*]

6.3 Environmental Planning & Policy III

Room: 204 Runme Shaw Building

Chair: Geertman, Stan [*Utrecht University, Netherlands*]

Application of the Sigmoid Function in the Calculation of Land Use Sub-Indices for the Prediction of Water Quality Index Using LA-WQI Model

Gorashi, Faris [*International Islamic University Malaysia, Malaysia*]

Abdullah, Alias [*International Islamic University Malaysia, Malaysia*]

GIS-based Modeling Techniques for Generating the Plan of Mandatory Green

Tong, Ziyu [*Nanjing University, China*]

Ding, Wowo [*Nanjing University, China*]

A Mixed-Integer Nonlinear Optimization Model for Location-Allocation Problem of Recycling Industries of Green Coconut Residuals in Brazil

Ribeiro, Glaydston [*Federal University of Espirito Santo, Brazil*]

Fae, Maria [*Federal University of Espirito Santo, Brazil*]

Recovering Urban Land: An Integrated Approach to Improve Brownfield Redevelopment Practices-Case of Shenzhen, China

Cheng, Fangfang [*Utrecht University, Netherlands*]

Kuffer, Monika [*ITC, Netherlands*]

Zhan, Qingming [*Wuhan University, China*]

Geertman, Stan [*Utrecht University, Netherlands*]

Thursday, 18 June
8:45 am - 10:15 am

Parallel Session 7

7.1 Disaster Mitigation and Evacuation

Room: 202 Runme Shaw Building

Chair: Kim, Karl [University of Hawaii, USA]

Modeling Tsunami Evacuation in Waikiki, Hawaii

Kim, Karl [University of Hawaii, USA]
Pant, Pradip [University of Hawaii, USA]
Yamashita, Eric [University of Hawaii, USA]

Development of Evacuation Support System in the Areas Affected by Multi-hazards

Furuto, Takashi [National Research Institute for Earth Science and Disaster Preventions, Japan]
Kakumoto, Shigeru [National Research Institute for Earth Science and Disaster Preventions, Japan]
Usui, Mahito [Mie University, Japan]
Fukuyama, Kaoru [Mie University, Japan]

Utilizing GIS to Manage the Public Sphere for Regional Disaster Mitigation

Inagaki, Keiko [Yokohama National University, Japan]
Araki, Kimiko [Yokohama National University, Japan]
Sadohara, Satoru [Yokohama National University, Japan]

Qualitative Evaluation on Social Implementation Process of Integrated GIS to Local Governments and Regional Communities

Hatayama, Michinori [Kyoto University, Japan]

7.2 Survey & Data Collection I

Room: 203 Runme Shaw Building

Chair: Ratti, Carlo [MIT, USA]

Does Urban Mobility Have a Daily Routine? Explorations Using Aggregate Mobile Network Data

Sevtsuk, Andres [MIT, USA]
Ratti, Carlo [MIT, USA]

Identifying the Impact of Intermodality on Commute Mode Choice Using a Web-based Preference Survey Instrument

Dirgahayani, Puspita [The University of Tokyo, Japan]
Harata, Noboru [The University of Tokyo, Japan]
Ohmori, Nobuaki [The University of Tokyo, Japan]

Towards Estimating the Presence of Visitors from the Aggregate Mobile Phone Network Activity They Generate

Girardin, Fabien [MIT, USA]
Vaccari, Andrea [MIT, USA]
Gerber, Alexandre [AT&T Labs, USA]
Bidermann, Assaf [MIT, USA]
Ratti, Carlo [MIT, USA]

7.3 Decision Support System I

Room: 204 Runme Shaw Building

Chair: Arentze, Theo [Eindhoven University of Technology, Netherlands]

Study on Applicability of Universal Cokriging to Land Price Interpolation

Li, Yonghe [University of Tokyo, Japan]
Inoue, Ryo [University of Tokyo, Japan]
Shimizu, Eihan [University of Tokyo, Japan]

Construction of Urban Spatial Growth Model Based on GIS and Genetic Algorithm

Yu, Zhuo [Wuhan University, China]
Wu, Zhihua [Wuhan Academy of Urban Planning and Design, China]

A Geo-Informatics Support System for Location Decisions of Firms

Manzato, Gustavo [Eindhoven University of Technology, Netherlands]
Arentze, Theo [Eindhoven University of Technology, Netherlands]
Timmermans, Harry [Eindhoven University of Technology, Netherlands]
Ettema, Dick [Utrecht University, Netherlands]

New Framework of Behavioral-based Simulation for Spatial Design Assessment

Indraprastha, Aswin [Shibaura Institute of Technology, Japan]
Shinozaki, Michihiko [Shibaura Institute of Technology, Japan]

7.4 Travel Demand Analysis III

Room: 205 Runme Shaw Building

Chair: Huang, Zhengdong [*Wuhan University, China*]

Towards a Dynamic Longitudinal Model of Longer-Term Mobility Decisions: Framework and First Empirical Tests

Oakil, Abu-Toasin [*Utrecht University, Netherlands*]

Ettema, Dick [*Utrecht University, Netherlands*]

Arentze, Theo [*Eindhoven University of Technology, Netherlands*]

Timmermans, Harry [*Eindhoven University of Technology, Netherlands*]

Evaluating the Accessibility Measurement of Transit Travel Demand at Stop Level in Wuhan, China

Huang, Zhengdong [*Wuhan University, China*]

Ding, Ying [*Wuhan University, China*]

Urban Mobility Landscape: Real Time Monitoring of Urban Mobility Patterns

Liu, Liang [*MIT, USA*]

Duan, Zhengyu [*Tongji University, China*]

Bidermann, Assaf [*MIT, USA*]

Ratti, Carlo [*MIT, USA*]

Estimation and Evaluation of the Effect of LRT under the Limited Information at Chinese Medium-scale City

Yoshikawa, Koji [*Osaka Sangyo University, Japan*]

Zhai, Yaohui [*Osaka Sangyo University, Japan*]

7.5 Geocomputation II

Room: Rayson Huang Theatre

Chair: da Silva, Antonio Nelson Rodrigues [*University of San Carlos, Brazil*]

A GIS Supported Water Supply Network Optimal Design System Using Genetic Algorithm

Jiang, Jun [*Hefei Municipal Design Institute Co. Ltd., China*]

Measures of Goodness-of-Fit between Spatial Distributions

Miyamoto, Kazuaki [*Tokyo City University, Japan*]

Vichiensan, Varameth [*Kasetsart University, Thailand*]

Miura, Ryohei [*Hyogo Prefectural Government, Japan*]

Tsuchida, Kazua [*Shimizu Corporation, Japan*]

Form Scenario Analysis Using Constrained CA

Long, Ying [*Tsinghua University, China*]

Shen, Zhenjiang [*Kanazawa University, Japan*]

Mao, Qizhi [*Tsinghua University, China*]

Du, Liqun [*Tsinghua University, China*]

Tea & Coffee Break

10:15 am – 10:30 am, Thursday

Rayson Huang Theatre Foyer

Thursday, 18 June
10:30 am - 11:55 am

Parallel Session 8

8.1 Safety & Health Care

Room: 202 Runme Shaw Building

Chair: Landis, John [University of Pennsylvania, USA]

An Analysis on Traffic Safety Support System for Pedestrians and Drivers

Ando, Ryosuke [Toyota Transportation Research Institute, Japan]

Kawai, Masayoshi [Toyota Transportation Research Institute, Japan]

Using Case-control Sampling and GIS Method to Assess the Risk of Pedestrian Collision Occurrence on City Streets in Seattle, King County, USA, 2000-2004

Jiao, Junfeng [University of Washington, USA]

Moudon, Anne V. [University of Washington, USA]

Urban Sensing Revisited – Common Scents: Towards Standardised Geo-sensor Networks for Public Health Monitoring in the City

Resch, Bernd [MIT, USA]

Mittlboeck, Manfred [Research Studios Austria, Austria]

Lipson, Sam [City of Cambridge, MA, USA]

Welsh, Matt [Harvard University, USA]

Bers, Josh [BBN Technologies, USA]

Britter, Rex [MIT, USA]

Ratti, Carlo [MIT, USA]

8.2 Survey & Data Collection II

Room: 203 Runme Shaw Building

Chair: Rizzi, Paola [University of Sassari, Italy]

Evolution of Urban Activities and Land Use Classification through Mobile Phone and GIS Analysis

Horanont, Teerayut [The University of Tokyo, Japan]

Shibasaki, Ryosuke [The University of Tokyo, Japan]

Development of Detailed Spatio-temporal Urban Data through the Integration of Digital Maps and Yellow Page Data and Feasibility Study as Complementary Data for Existing Statistical Information

Akiyama, Yuki [The University of Tokyo, Japan]

Shibasaki, Ryosuke [The University of Tokyo, Japan]

Traffic Volume and Speed Measurement Using V2I and GPS

Doan, Quoc Chuyen [IRSEEM-ESIGELEC, France]

Berradia, Tahar [IRSEEM-ESIGELEC, France]

Mouzna, Joseph [IRSEEM-ESIGELEC, France]

Thursday, 18 June

8.3 Decision Support System II

Room: 204 Runme Shaw Building

Chair: Mendes, J.F.G. [*University of Minho, Portugal*]

Performance of Parallel Computing for a Hypothetical Land-use Micro-simulation Model

Kitazume, Keiichi [*Kansai University, Japan*]

Inokuchi, Hiroaki [*Kansai University, Japan*]

Sato, Katsumi [*Kansai University, Japan*]

Yoshimura, Kazuma [*Kansai University, Japan*]

A Residential Location Decision Support System (RLDSS) as a Contribution to More Sustainability in Urban Regions

Schwarze, Björn [*Technical University of Dortmund, Germany*]

Conceptual Design for an Integrated Geosimulation and Analytic Network Process (ANP) in Gentrification Appraisal

Sabri, Soheil [*Universiti Teknologi Malaysia, Malaysia*]

Muhammad Ludin, Ahmad Nazri [*Universiti Teknologi Malaysia, Malaysia*]

Siong, Ho Chin [*Universiti Teknologi Malaysia, Malaysia*]

Abbasi, Mohsin Ali [*UAE University, UAE*]

An Innovative Platform for Territorial Marketing and Location Benchmarking

Mendes, J.F.G. [*University of Minho, Portugal*]

Lopes, Ricardo [*Innovation Point S.A., Portugal*]

Lima, Renato da Silva [*Federal University of Itajubá, Brazil*]

8.4 Transport Planning

Room: 205 Runme Shaw Building

Chair: Faria, Carlos Alberto [*Universidade Federal de Uberlândia, Brazil*]

Graph Theory, Municipal Land Use and Geographic Information System for Highway System Planning

Silva, Walber Paschoal da [*Fluminense Federal University, Brazil*]

Planning Transportation Systems for Small Cities Based on Generation of Scenarios

Gomes, Viviani Antunes [*Universidade Federal de Uberlândia, Brazil*]

Faria, Carlos Alberto [*Universidade Federal de Uberlândia, Brazil*]

Geo Information in a Contested Environment: Organization Theory to Analyze Misuse of Transport Models

te Brömmelstroet, Marco [*University of Amsterdam, Netherlands*]

**Thursday, 18 June
11:55 am - 12:20 pm**

Closing Ceremony

Room: Rayson Huang Theatre

Lunch

12:20 pm – 1:20 pm, Thursday

Maxim's Food

4/F Chong Yuet Ming
Amenities Centre

Technical Tours

1:20 pm

Hong Kong Technical Tour

4:30 pm

Pearl River Delta Technical Tour

Technical Tours in Hong Kong

After the conference closing ceremony, there will be two local technical tours in Hong Kong on a first-come-first-served basis.

Tour 1: Visit to the Hong Kong Planning Department for technical presentations on application of GIS in Plan Making, Planning Applications and Enforcement Cases.

17/F, North Point Government Offices, 333 Java Road, North Point, Hong Kong

Contact Person: Dr. Kenneth Tang, Tel.: 2231-4773, www.pland.gov.hk

Tour 2: Visit to the Hong Kong Planning and Infrastructure Exhibition Gallery on overall planning systems, organization and development process, and major planning and infrastructure projects in Hong Kong

G/F, Murray Multi-storey Car Park Building, 2 Murray Road, Central, Hong Kong

Contact Person: Mr. Kenneth Cheung, Tel.: 3101-0653, www.infrastructuregallery.gov.hk

Technical Tours in Hong Kong (Thursday, 18 June 2009)	
13:20	Pick-up and leave the University of Hong Kong
13:20 – 14:00	Tour 1: University to Planning Department
	Tour 2: University to Planning and Infrastructure Exhibition Gallery
14:00 – 15:25	Tour 1: Visit Planning Department
	Tour 2: Visit Planning and Infrastructure Exhibition Gallery
15:25 – 16:05	Tour 1: Planning Department to hotels
	Tour 2: Planning and Infrastructure Exhibition Gallery to hotels
16:30 –	Departure for participants of the Technical Tour to the Pearl River Delta

Note:

1. Each technical tour can accommodate 50 participants. After lunch, our staff will lead you to the coach pick-up point. You can select one of the coaches labeled “Tour 1” and “Tour 2”.
2. After the technical tours, the coaches will drop you off at three hotels – Robert Black College, Ramada Hong Kong Hotel, and Island Pacific Hotel.
3. If you signed up for the technical tour to the Pearl River Delta, please go to the pick-up point of each hotel before 4:30 p.m.

Tour 1 - Hong Kong Planning Department

Tour 2 - Hong Kong Planning and Exhibition Gallery



Technical Tours

Technical Tour in the Pearl River Delta

After the local technical tours, the technical tour to the Pearl River Delta will take off at 4:30 pm on 18 June 2009.



Technical Tour in the Pearl River Delta	
Thursday, 18 June 2009	
16:30	Pick-up and leave the hotels (Robert Black College, Ramada Hong Kong Hotel, and Island Pacific Hotel)
16:30 – 18:15	Hong Kong to Shenzhen
18:15 – 19:00	Hotel check-in
19:00 – 20:30	Dinner
20:30 –	Free time
Friday 19 June, 2009	
8:25	Hotel check-out and leave hotel to Shenzhen Planning Bureau
9:00 – 10:30	Visit Shenzhen Planning Bureau
10:30 – 12:00	Visit Shenzhen City
12:00 – 14:00	Shenzhen to Guangzhou and lunch enroute
14:00 – 15:30	Visit Guangzhou Planning Bureau
15:30 – 18:00	Visit Guangzhou City
18:00 – 19:30	Dinner
19:30 – 22:00	Return trip from Guangzhou to Hong Kong

Note:

1. Please bring your visas and travel documents for entering Mainland China and checking in the hotel.
2. Please wait at the pick-up point of each hotel before 4:30 pm on Thursday, 18 June 2009



Conference Registration

The CUPUM Registration Desk is located in the **Rayson Huang Theatre Foyer**. Please be sure to pick up the "Last Minute Programme Changes", if available, which will update you on the latest changes of the programme.

The Registration Desk will be staffed during the following hours:

Monday, 15 June	3:00 pm – 5:30 pm
Tuesday, 16 June	8:45 am – 5:20 pm
Wednesday, 17 June	9:00 am – 5:20 pm

Presentation Tips

- Each parallel session contains 3-5 papers. Each presenter has 15-20 minutes to present the paper depending on the number of papers, followed by Q&A. Chair of the session will inform presenters the maximum presentation time before the session.
- In 15 minutes you can typically present about five double-spaced pages at a pace that listeners can comfortably follow.
- Do not attempt to read your paper. Don't turn your back to the audience to read a projected text and don't read out loud what your audience can read for itself.
- Indicate at the beginning of your talk if you will distribute your paper in hard copy at the end of the session or if you are willing to send electronic versions when you return home.
- Concentrate on what is new, interesting and different rather than providing full theory and methodology.
- CUPUM does not publish a conference proceeding book and, therefore, CUPUM does not have style, spelling and usage guidelines.
- If you have any concerns about setting up your presentation, please go to the session room 20 minutes before the start of your session to set up your presentation and ask conference staff to assist you before your scheduled presentation.
- If you do experience trouble at the very last minute of your presentation (it happens!) – please step aside immediately and offer the time to another presenter while you work out your trouble – and don't hesitate to ask us for help. We will do what it takes to get you up and going.

Audio Visual Equipment Available On-Site for Presenters

Pre-Set Equipment

Each session room is equipped with a computer and computer projector. NO overhead or slide projectors are provided. Session rooms are staffed by student volunteers. We recommend you to go to session room 20 minutes before the start of your session to set up your presentation. Please ask the conference staff to assist your set up if necessary.

Computer Protocol

Computers are provided in the session rooms. You do not need to bring your own laptop for presentation. You might just bring the memory stick which contains your presentation file. To be safe, you may back up your file online just in case.

The operating system is Microsoft Windows XP and Microsoft Office 2003 is installed. Make sure your presentation file is compatible with the system and software (e.g. PowerPoint 2007 document may not be compatible. It is safer to save your file in PowerPoint 97-2003 *.ppt format and not PowerPoint 2007 *.pptx)

Internet Access

Internet access is provided on the conference venue. Please refer to **User Guide to Lab Computers and Wi-Fi** (supplementary sheet) for details.

Session Chair Guidelines

- Please arrive at the session room five minutes prior to the scheduled starting time and introduce yourself to the presenters.
- Inform the presenters of the maximum time that they can use for their paper presentation. This time can vary depending on the number of papers in the session and whether there is a discussant requiring time to respond. A helper in the room will help you to monitor the time of the presentations by showing last 5 minutes (green), 2 minutes (yellow) and STOP (red) signs to the paper presenters.
- When introducing the session - please be brief - tell the audience how many papers will be presented, how long each presentation will be and when there will be time for questions.
- For each paper, introduce the author and the title of the paper.
- In managing the Q&A-time, please ask questioners to identify themselves and to keep their comments as short as possible to allow the presenters to respond in full.
- Please ensure the session finishes on time. Sessions that overrun will affect next sessions.

Useful Information

Useful Numbers

Conference

- ◆ Centre of Urban Studies and Urban Planning 2859-2721
Rm. 836, Knowles Building
(Office Hrs.)
- ◆ Conference Mobile Number 9533-1105

Emergency

- ◆ Emergency Service (Police, Fire, Ambulance) 999

Info Lines

- ◆ Telephone Directory Enquiries 1081
- ◆ Hong Kong Tourism Board Visitor Hotline 2508-1234
- ◆ Weather Information 187-8066
- ◆ Overseas IDD and Cardphone Enquiries 10013
- ◆ Department of Health 2961-8989
- ◆ Consumer Council 2929-2222
- ◆ Hong Kong International Airport 2181-0000
- ◆ Transport Complaint Unit 2889-9999

Human Swine Influenza

Because of the recent outbreaks of Human Swine Influenza worldwide, the Emergency Response Level under the Hong Kong Government's Preparedness Plan for Influenza Pandemic is activated.

For personal protection, the followings are essential:

- ◆ Clean hands frequently
- ◆ Cover your nose and mouth when you sneeze or cough
- ◆ Do not touch your mouth, nose and eyes
- ◆ Put on a mask and see a doctor if you have flu symptoms
- ◆ Maintain indoor ventilation and keep the home/environment clean

Check out the website of Centre for Health Protection (www.chp.gov.hk/) for guidelines and updates.

You can also call the Enquiry Hotline (2125-1111) which is operating 24 hours for more details

Hospital

In case you do not feel well, it is for your and other people's good that you go to hospital immediately. The closest hospital is **Mary Queen Hospital**:

Queen Mary Hospital

102 Pokfulam Road
Hong Kong
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Tourist Information

- ◆ Hong Kong Tourism Board website, www.discoverhongkong.com
- ◆ Conference website, www.hku.hk/cupum2009
- ◆ A Symphony of Lights, laser show along the waterfront of the harbour in Central and Tsim Sha Tsui every night at 8 pm www.tourism.gov.hk/symphony

Location Map of Jumbo Kingdom



The Jumbo Kingdom is an important member of Melco's Leisure & Entertainment unit. Centred on the Jumbo and Tai Pak Floating Restaurants in Aberdeen Harbour, it is an internationally renowned tourist attraction. As a Hong Kong icon and a premier tourism and fine-dining establishment, Jumbo has regularly been upgraded over the past 30 years. Jumbo recently had a multi-million dollar refurbishment which not only gave the Jumbo a new look, but also transformed it into a theme park on the sea.

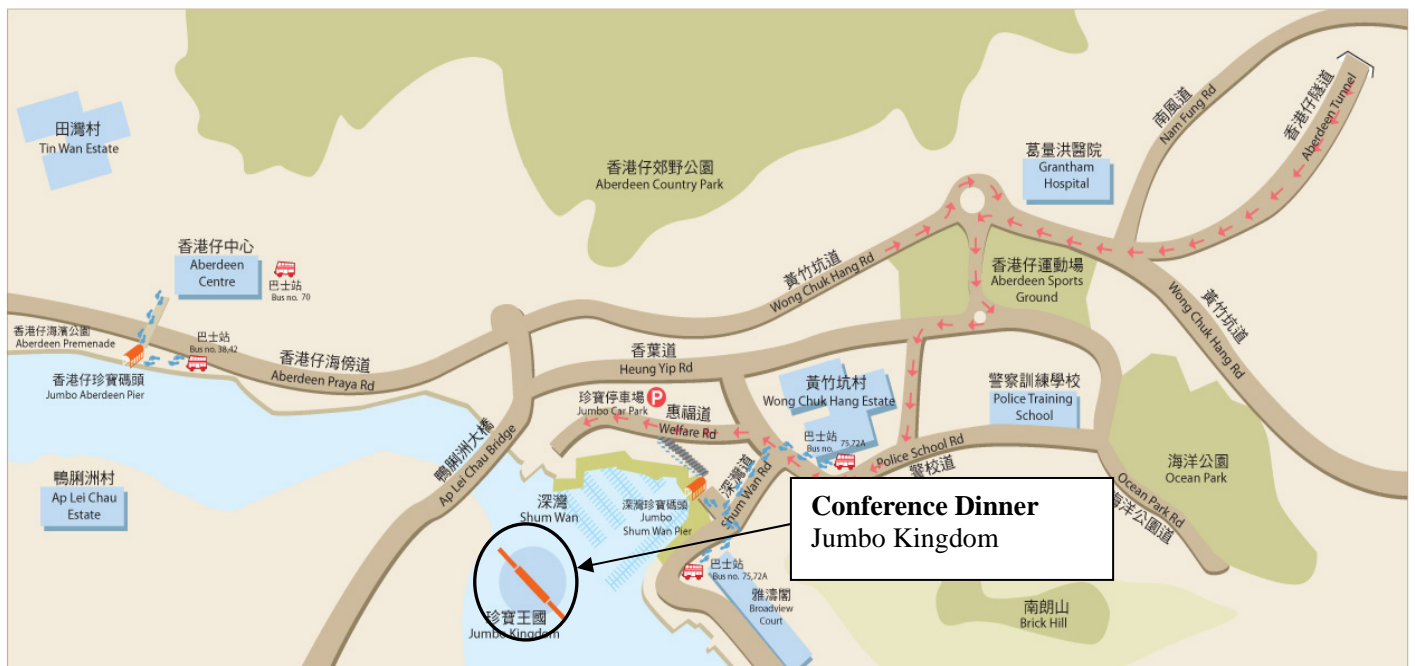
Jumbo Kingdom

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Following the reorganization of the Centre of Urban Planning and Environmental Management (CUPEM) on 1 July 2008, the **Department of Urban Planning and Design (DUPAD)** was established in the Faculty of Architecture to continue the teaching of urban planning and related areas in housing management and transport. The **Centre of Urban Studies and Urban Planning (CUSUP)**, which was established 28 years ago in 1980 and renamed as CUPEM in 1991, was re-established to continue interdisciplinary research in urban studies and planning.

Department of Urban Planning and Design (DUPAD)

DUPAD offers taught post-graduate and MPhil and PhD research programmes in Urban Planning, Urban Design, Housing Management and Transport Policy and Planning. The **MSc (Urban Planning)** programme is professionally recognised by the Hong Kong Institute of Planners (HKIP) and the Royal Town Planning Institute (RTPI). The Chartered Institute of Logistics and Transport (CILT) International also accredits students specialising transport planning. The professional stream of the **Master of Housing Management (MHousMan (Professional Stream))** programme (jointly offered with the School of Professional and Continuing Education (SPACE)) is recognised by the Chartered Institute of Housing (CIH) and the Hong Kong Institute of Housing (HKIH). The **MA in Transport Policy and Planning (MATPP)** (jointly offered with the Department of Geography and Department of Civil Engineering) is recognized by the Chartered Institute of Logistics and Transport (CILT) International. The **Master of Urban Design (MUD)** is a professionally oriented programme for urban designers.

Centre of Urban Studies and Urban Planning (CUSUP)

The main function of CUSUP is to foster interdisciplinary research in urban studies and planning in the University of Hong Kong. It aims to act as a focus for interdisciplinary research and offer a forum for academics, practitioners and the community to exchange views on urban studies and urban planning; to undertake contract research for both the public and private sectors; to organize seminars, conferences, and workshops; to publish working papers and monographs; and to promote inter-institutional, regional and international cooperation in urban studies and urban planning.

Research Associations and Networks

- Asia Planning School Association (APSA)
- Asia Pacific Network for Housing Research (APNHR)
- Hong Kong Housing Research Network (HKHRN)

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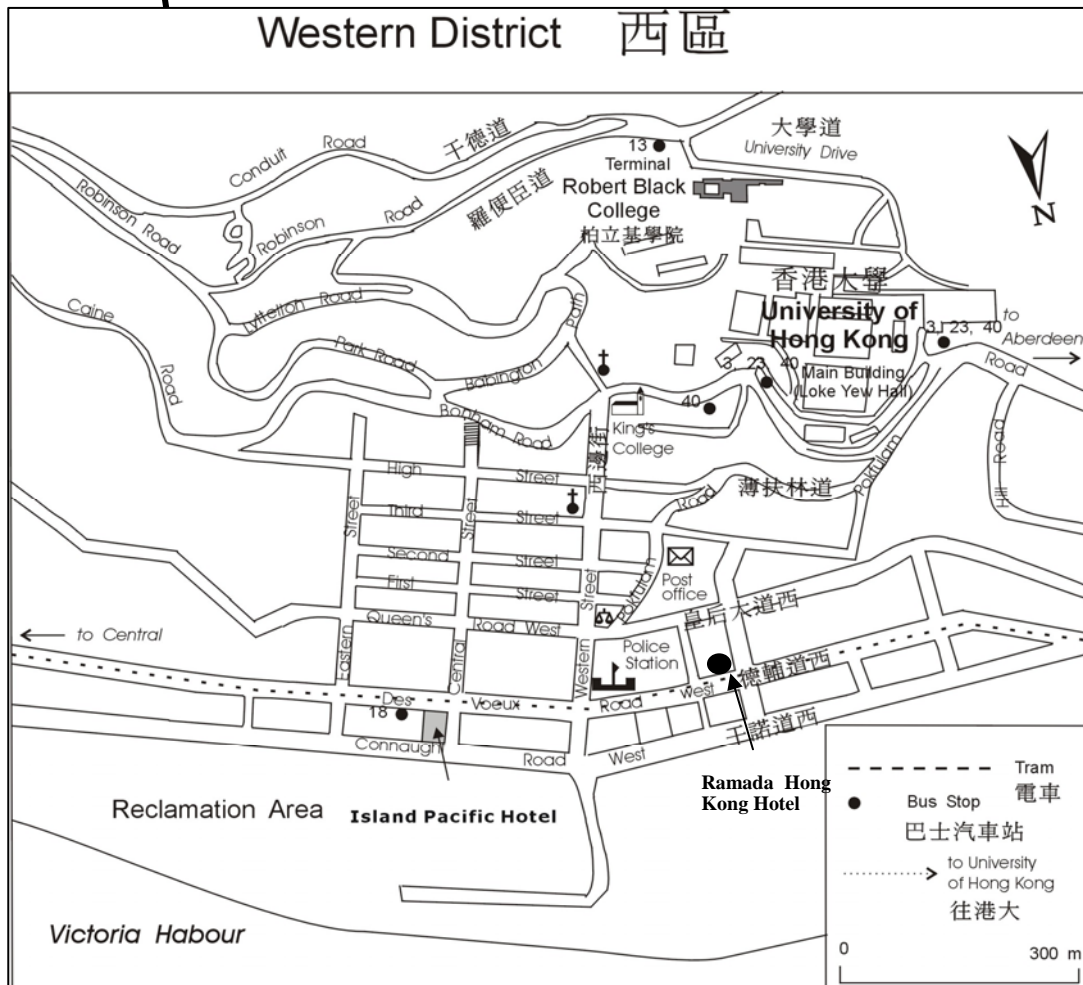
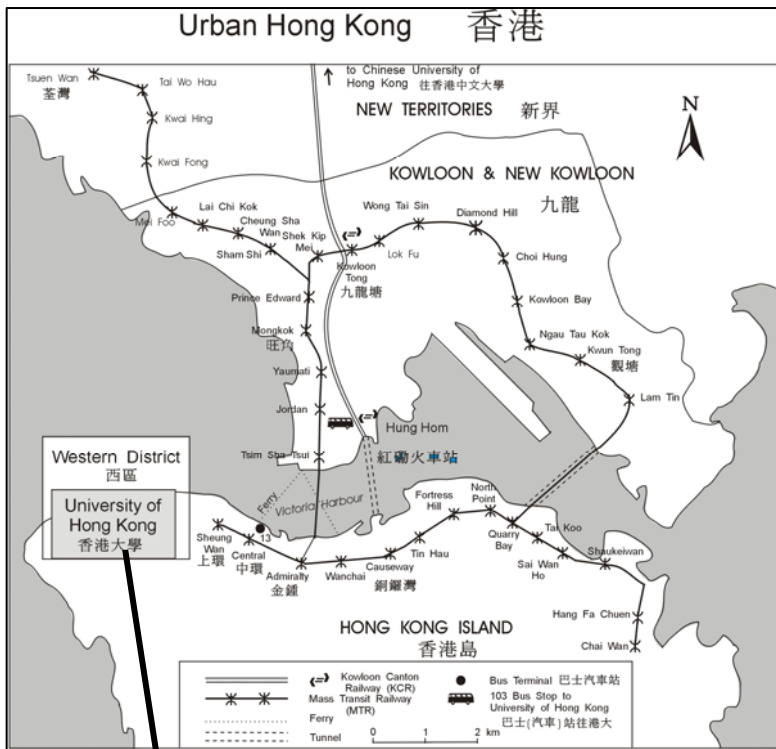
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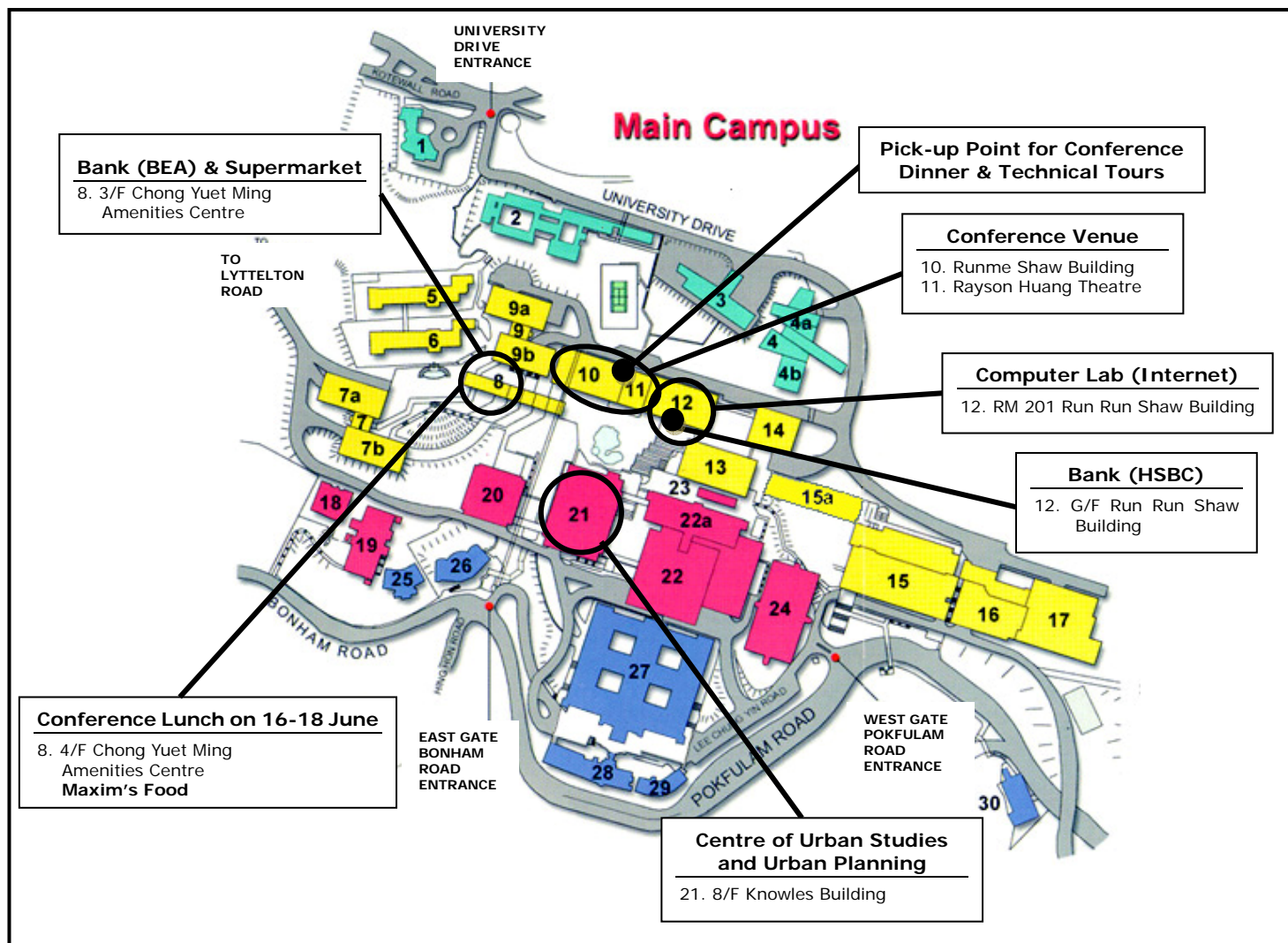
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Location Map of the University of Hong Kong



Campus Map of the University of Hong Kong



1	University Lodge	8	Chong Yuet Ming Amenities Centre	16	Hsu Long Sing Amenities Centre	23	Library Annex
2	Robert Black College	9	Meng Wah Complex	16	Student's Union	24	Kadoorie Biological Sciences
3	University Drive No. 2	10	Runme Shaw Building	17	Chow Yei Ching Building	25	School of Professional and
4	Graduate House	11	Rayson Huang Theatre	18	Tang Chi Ngong Building	25	T.T. Tsui Building
5	May Hall	12	Run Run Shaw Building	19	Fong Shu Chuen Amenities Centre	26	Fung Ping Shan Building
6	Eliot Hall	13	Hui Oi Chow Science Building	19	Swire Building	27	Convocation Room
6	Foundation Chamber	14	James Hsioung Lee Science Building	19	Swire Hall	27	Loke Yew Hall
7	Chong Yuet Ming Science	15	Haking Wong Building	20	K.K. Leung Building	27	Main Building
4a	Hong Kong Jockey Club	16	Simon K.Y. Lee Hall	20	Senior Common Room	28	Hung Hing Ying Building
4b	University Conference Centre	15a	Technology Innovation and	21	Knowles Building	29	Pao Siu Loong Building
4b	Wang Gungwu Lecture Hall	9a	Wong Chue Meng Building	22	Library Building (New Wing)	30	Yam Pak Building
7a	Chong Yuet Ming Chemistry	9b	Council Chamber	22a	Library Building (Old Wing)	25,26	University Museum & Art Gallery
7b	Chong Yuet Ming Physics	9b	Wong Chuang Lai Wah Building				