

## **EASTS IRG Activity Report**

### **1. IRG code and name of IRG**

- 1) IRG code: IRG -05\_ - 2005\_
- 2) Name of IRG  
Culturally sensitive pedestrian-centric philosophy to advancement of urban form in East Asia

### **2. List of research members**

- 1) Upali Vandebona (Representative), School of Civil and Environmental Engineering, The University of New South Wales, Australia, Sydney
- 2) Hiroshi Tsukaguchi, Professor, Department of Civil Engineering, Ritsumeikan University, Japan
- 3) Hun-Young Jung, Professor, Department of Urban Engineering, Pusan National University, Korea
- 4) Kuang-Yih Yeh, Professor, National Cheng Kung University, Taiwan
- 5) Keiichi Ogawa, Associate Professor, Ritsumeikan University, Japan
- 6) Hao-Ching Hsia, National Cheng Kung University, Taiwan
- 7) Shinji Sugihara, Chuo Consultants Co. Ltd., Japan
- 8) Yuya Tanaka, Graduate student, Ritsumeikan University, Japan
- 9) Yuki Shibata, Ministry of Land and Transport, Japan
- 10) Kardi Teknomo, Associate Professor, Ateneo de Manila University
- 11) Derlie Mateo-Babiano, Lecturer in Planning, The University of Queensland
- 12) Choi Chi Gook, Senior researcher, Busan Development Institute, Korea
- 13) Lee Sang Yong, Busan Metropolitan City Office, Korea
- 14) Song Ki Wook, Senior researcher, Kyungnam Development Institute, Korea

### **3. Purpose and Mission of IRG**

Walking is a vital transport mode and plays an indispensable role in a sustainable society. Development of attractive and functional public space consistent with natural tendencies of the community requires an understanding of relevant attributes of the local culture and the range of applicable planning concepts. This IRG is ambition to attempt to supplement the research and planning community with guidelines specific to different East Asian cities to improve socio-cultural acceptance of urban change.

The IRG is formed to collaborate and provide leadership where necessary with researchers in this field in member countries to analyze and disseminate the cultural significance of natural pedestrian behavior with the view of developing meaningful planning guidelines. The inclusion of unique features of the heritage is important to ensure the long term sustainability and efficiency of urban developments. Specific

outcomes of the IRG would be (a) the development of the research personal network, (b) holding a dedicated session in EASTS conferences, and (c) development of a planning philosophy that is sympathetic to inclusion of cultural attributes.

#### **4. Achievements of IRG in 2009-2010**

##### **1) Paper, report and book: (Title, Authors, Year, Name of journal etc.)**

*Comparative Study of Pedestrian Travel Culture in Different Cities in Japan*  
by Hiroshi TSUKAGUCHI, Upali VANDEBONA, Kuang-Yih YEH Hao-Ching HSIA and  
Hun-Young JUNG  
EASTS 2009 Academic Paper 100115

*Pedestrian Static Trajectory Analysis of a Hypermarket*  
by Kardi TEKONOMO and Gloria Purugganan GERILLA  
EASTS 2009 Academic Paper 100122

*Comparison of Walking Image among Different Age Groups in Taiwanese Cities*  
by Hao-Ching HSIA , Kuang-Yih YEH, Upali VANDEBONA and Hiroshi  
TSUKAGUCHI  
EASTS 2009 Academic Paper 100216

*Relationship between Level of Service of Mass Transit and Pedestrian Attitudes*  
by Yuya TANAKA, Hiroki SHIBATA ,Hiroshi TSUKAGUCHI and Upali VANDEBONA  
EASTS 2009 Practical Paper 100526

##### **2) Seminar, symposium and special session: (Title, Date, Venue & abstract)**

IRG seminar planned in Pusan National University in December 2010. Foreign participants are expected from Australia, Taiwan and Japan to this event in South Korea.

##### **3) Group meeting: (Date, Venue & abstract)**

*Group meeting 1: 16 September 2009 – at NCKU, Taiwan, Attendance: Professor Hiroshi Tsukaguhi, Professor Kuang-Yih Yeh and Mr Hao-Ching Hsia. Analysis of data for presentations papers planned for 2009 EASTS discussed.*

*Group meeting 2: 17 November 2009 – during EASTS conference in Surabaya, Indonesia, Attendance: Professor Hiroshi Tsukaguhi, Professor Kuang-Yih Yeh, Dr Upali Vandebona, Mr Hao-Ching Hsia and Mr Yuya Tanaka. Discussion about matters arising from papers presented at the EASTS conference.*

*Group meeting 3: 4 December 2009 – NCKU, Taiwan, Attendance: Professor Professor Kuang-Yih Yeh, Dr Upali Vandebona, Mr Hao-Ching Hsia. Preparation of Journal papers to be submitted to Asian Transport Studies.*

*Group meeting 4: 7 April 2010 – Pusan National University, South Korea, Attendance:*

Professor Hiroshi Tsukaguhi and Professor Hun-Young Jung. Meeting was to determine arrangements for the planned of IRG Seminar in December 2010.

*Next meeting planned: 3 December 2010 in Pusan, South Korea, following the forthcoming IRG Seminar.*

**4) Result of application for the research grants: (Name & result)**

ICRA-B research grant application made in 2009. Application was Successful, for the value of JPY 500,000 for preparation of an International Seminar on Pedestrian Travel Culture and its Application to Pedestrian Planning. Planned venue is Pusan National University.

**5) Promotional activities of your IRG: (Home page, Newsletter, Mailing list etc.)**

International seminar as mentioned above is planned for December 2010.

**Will you continue your IRG's activity after August 2010?**

**YES**

→ If "YES", please answer the following questions.

**5. Future research plan and including time frame with the following items:**

- (a) IRG Seminar planned for 3 December 2010 to be held at Pusan National University.
- (b) Discussions on the way about preparation of papers for a special session at EASTS 2011.
- (c) Senior members of the group plan to encourage graduate students to attend and present papers at the EASTS conference as done during previous conferences.