

# IRG Activity Report

Date of Submission: 30 / 09 /2012

## 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), Senior Lecturer, School of Civil and Environmental Engineering, University of New South Wales, Sydney, Australia,
- 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, Kyoto City Office, 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, Australia,
- 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,
- 15) Choi jai Sung, Professor, Seoul City University, Korea
- 16) Chun-Fu Shao, Professor, Beijing Jiaotong University, China
- 17) Khounpakdy Lamphoun, Public works and Transport Institute, Lao PDR (currently Graduate Student, Ritsumeikan University)
- 18) Yoshiyuki Tajima, Graduate School of Ritsumeikan University, Japan
- 19) Ida Ayu Wardiani, Transportation Department of Tabanan Regency, Bali Province, Indonesia

20) Akihito Wada, Professor, Fukui Institute of Technology, Japan,

21) Tomonori Yoshimura, Graduate School of Fukui Institute of Technology, Japan

### **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 ambitious in its aim 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 planned were:

- (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 2011-2012**

- 1) Paper, report and book: (Title, Authors, Year, Name of the Journal, etc.)  
(Please include the paper(s) submitted to 2011 EASTS conference.)

One journal paper published during the year:

*Effect of the Stage of Life and Lifestyle on Pedestrian Behavior in East Asian Countries*  
by Hiroshi TSUKAGUCHI, Upali VANDEBONA, Kuang-Yih YEH, Hao-Ching HSIA,  
Hun-Young JUNG, and Yoshiyuki Tajima - Journal of the Eastern Asia Society for Transportation  
Studies, Vol.9, 2011, pp. 943-955.

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

Title: Seminar on Theory and Application of Pedestrian Travel Culture

Date : Tuesday, April 10, 2012

Venue : Department of Transport, Ministry of Public Works and Transport, Lao PDR

Abstract: The IRG-05 of the EASTS has organized a seminar on the theme of 'Theory and Application of Pedestrian Culture' at the Department of Transport in

Vientiane, Lao Peoples Democratic Republic on Friday, Tuesday, April 10, 2012 to report and discuss recent findings of the international collaborative research team. The one day seminar provided an overview of the pedestrian travel culture research framework and focus on the impact of gender, stage of life and life style on pedestrian attitudes. The seminar was scheduled to provide separate country presentations covering findings from surveys conducted in different cities in Japan, Taiwan and South Korea. Methodological aspects and results from comparison of the pedestrian culture among different countries were also presented. More than thirty researchers, students, and practitioners attended the seminar.

Funding: Funding was provided by ICRA-B grant of the EASTS.

Program in brief:

Presentations and topics were presented as follows;

Time	Presenters and topics
8.00-8.45	Opening address Mr. Viengsavath SIPHANDONE, Director General of Department of Transport
8.45-9.45	Purpose and Mission Upali Vandebona, Australia Regional welcome Pongrid Klungboonkrong, Thailand
10:00~12:00	Conceptual framework Hiroshi Tsukaguchi, Japan Comparison of attitudes toward walking Yoshiyuki Tajima, Japan Effect of the Stage of Lifestyle Hiroshi Tsukaguchi, Japan Road Safety Issues in Vientiane Somnuk Mektakul, Lao
12:00~13:00	Lunch break
13:00~15:00	Corresponding Characteristics of Pedestrian awareness and attitudes in Taiwan Hao Ching Hsia, Taiwan Korean Experience Hun Young Jung, South Korea Future view of the International Research Upali Vandebona, Australia
15:00~15:50	Panel Discussion Upali Vandebona Pongrid Klungboonkrong Hiroshi Tsukaguchi Hun Young Jung Hao Ching Hsia Mr. Somnuk Mektakul Mr. Lamphoun Khounpakdy Mr. Phoumy Thanthaboun
15:50~16:00	Closing session Viengsavath SIPHANDONE

List of participants:



## Seminar on Theory and Application of Pedestrian Travel Culture

Date: Tuesday, April 10th, 2012

Venue: Ministry of Public Works and Transport, Lao PDR

1	Name	Affiliation
2	Thongvank PHETTHAVISENG	DDG / DOT / MPWT
3	Phonany THANTHABOUN	LTEC
4	Mr SOMSANITH HOUATHONGKHAM	DPWT, VT,
5	Ms DAVANH LATTANASACK	DOT/MPWT
6	Mr KHAM LEK	D.P.P
7	Mr Youkta phong	DEA
8	Mr Songsavang Phandavong	DD of Transport Techniques & SVT
9	Prof. Dr Boun Leuan SISOUATHA	Chairman Council of Science and Technology
10	Mr. Thongchanh Khamvong	PTTC.
11	Mr. Sengsavang	president of PTTC
12	Mr Phou Vong Phalinthong	PTTC.
13	Mr Sengsavath	PHUP
14	Ms. Tinghuan Sichavong	DOT
15	Mr. Soue Sath N-NHANSANA	LAO RAILWAY AUTHORITY
16	Mr. Champasouth	—————
17	Mr. Sirisak DARAVONG	Fo Arch
18	Mr. Sengkeo TASAHEVA	MOBIRE

19	Mr Manopaphath PSM	Technical officer . MEM .
20	Mr. Srasmruth PHANTHACHACK	Dep Traffic Safety Division.
21	Mr Boua Thavong KHANOMPHOX.	—————
22	Mr. Souvannh Phommavong	National Road Adm. Division Dep Director / DOR
23	Mr. Kesonh SITHIRATH	faculty of Architecture.
24	Mr. Her Lor YEAMA	faculty ———
25	Mr. Sompouy LBANGLUEXAY	—————
26	Miss Keomany xayadeth	—————
27	Miss Phuangsy Vonekhammy	—————
28	Mr. Phetsakone nouanlaseng	—————
29	Mr Panya INTHSANG	—————
30	Mr Khampane Oulou	Faculty of Architecture
31	Mr Phounsamlane	—————
32	Ms. Khovanepakong	Civil Engineer, DOR, MPWT
33	Mr. Somrak MEKTAKUL	Director, DOT
34	Mr Uengsoudth SIPANDONE	Director General of DOT.
35	Mr. Vannakhe NORKEA	Technical DOT/MPWT
36	MS Nilaphone chandala	DOT / MPWT
37	Mr <del>de</del> many OANSOUVANT	DOT / MPWT <del>DOT</del>
38	Miss vandee kephavong	DOT.
39	Asst Prof P. Kungkorn	KKU, Thailand .
40	Hiroshi Tsukaguchi	Ritsumeikan Univ., Japan
41	Upali Vandebona	University NSW Sydney Australia.
42	Lamphoum KHOUNPAKDY	Ritsumeikan University, Japan.
43		

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

Meeting 1:

Date: 27, December, 2012

Venue: University of New South Wales, Sydney

Abstract: A group meeting was held with Professor Tsukaguchi, Dr Vandebona and Mr Hsia and Tajima in attendance. Arrangements for the seminar scheduled in April in Lao were the focus of discussions. The meeting was able to clarify contributions suitable from different participants for the proposed seminar.

Meeting 2:

Date: 11 April 2012

Venue: Ministry of Transport, Vientiane Lao PDR

Abstract: A group meeting was held with Dr. Vandebona, Professor Tsukaguchi, Mr. Hsia and Mr Tajima and Mr Somunk in attendance. Future view of the IRG was the main point of discussion. Revisions required for the proposed monograph was discussed. There was also an interest in pursuing other publication avenues to disseminate the research work. Group also discussed potential authors for the proposed special session at the 2013 EASTS conference.

Meeting 3:

Date: 27 August 2012

Venue: National Cheng Kung University, Tainan, Taiwan

Abstract: A group meeting was held between Professor Tsukaguchi and Mr. Hsia to discuss two publications related for the EASTS conference in 2013 related to this IRG. Structure and content of the papers were the main points discussed.

Meeting 4:

Date: Friday 07 and Tuesday 11 September 2012

Venue: University of New South Wales, Sydney, Australia

Abstract: A meeting was held between Professor Tsukaguchi and Dr. Vandebona to discuss range of topics including annual report, proposed monograph, journal papers and future directions. The previous opinion to close the IRG following EASTS 2013 conference and the completion of the Monograph was confirmed. However, this team also foreshadows the intention to apply for the formation of a new IRG again with the focus on a different aspect related to non-motorized transport and public transport users.

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

Four funding sources have contributed to this IRG since inception:

- (a) Received a research grant (2008-2010) for pedestrian research lead by the Professor

Yeh at National Cheng Kung University that allows team members from Taiwan, Japan, South Korea and Australia to actively collaborate. Part of the funding provided opportunity for the IRG seminar held in 2008. Program details of that seminar were presented in a previous activity report.

- (b) Received ICRA-B research grant 2009 for the value of JPY 500,000 for preparation of an International Seminar on Pedestrian Travel Culture and its Application to Pedestrian Planning. Planned at Busan National University.
- (c) Grant-in-Aid for Scientific Research of JSPS, Japan (2011-2013): Application was successful for the research on pedestrian travel culture. The representative is Professor Tsukaguchi.
- (d) Received ICRA-B research grant in 2011 for the value of JPY 500,000 for delivery of an International Seminar on Pedestrian Travel Culture planned at Vientiane Lao PDR. Program details of the seminar held were presented in the previous section.

5) Promotional activities of your IRG:

(Homepage, Newsletter, Mailing list etc.)

(a) Mailing list of IRG members updated as given in page 1.

(b) Seminars: Three IRG seminars have been held since inception of this group.

The first IRG seminar was held in December 2008 in Tainan attended by young researchers, academics from number of Universities and local government officials.

The second IRG seminar subsidized by ICRA-B was held in December 2010 in Busan, Korea. Speakers came from Japan, Taiwan and Australia.

The third IRG seminar subsidized by ICRA-B was held in December 2012 in Vientiane, Lao PDR. Speakers came from Thailand, Lao, Japan, Taiwan and Australia. Attendees were undergraduate students as well as engineers and planners from government and private sector.

## 5. Will you continue your IRG's activity after 2013 EASTS conference?

Please select the answer. **NO**

If you have an intention to complete your IRG, please submit a final report of the IRG based on original purpose and mission of the IRG. You can make the final report by free format.

Furthermore, please submit useful materials such as PowerPoint slides used at IRG's seminar if possible. The materials will be shown on the EASTS website.

During the last group meeting, participants have determined to disband the IRG following next EASTS conference and completion of the planned monograph.

Copy of the 2009 IRG seminar proceedings was provided to secretariat earlier and placed on the website.

Copy of the 2011 IRG seminar proceedings will be submitted as a separate attachment.

Self review of the draft of the planned monograph has been conducted in April 2012 by

the lead authors. It is anticipated that the document will be available few months after the EASTS conference. Target for the release of the monograph is the end of 2013.

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

- Possibility to hold seminar and symposium (Date & Venue)

The team will focus on papers for the next EASTS conference.

- Special considerations to young researchers

The IRG members encouraged students in their laboratories to consider research work directed toward pedestrian travel culture. From the second half of 2011 to April 2012, two graduate students (Hao-Ching Hsia from Taiwan and Yoshiyuki Tajima from Japan) undertook an exchange facility to conduct research at UNSW, Australia, in order to obtain a different perspective of the pedestrian travel culture with guidance from Dr Upali Vandebona. These student exchanges have been possible with funding sources from Taiwan (National Cheng Kung University) and Japan (Ritsumeikan University) respectively. Group members consider such exchange activities as an incentive for young researchers in addition to the educational value of broadening their experience and research credentials.

The IRG seminar held in April 2012 in Vientiane was well attended by undergraduate students in the planning field from National University of Lao.