

Activity Report of IRG-22-2013

IRG Code	IRG-22-2013
Name of IRG	Integrated sign systems for non-motorized transport and transit users
Status	Continuation
Representative Member	Hiroshi Tsukaguchi, Ritsumeikan University, Japan
Contact Person	Upali Vandebona, University of New South Wales, Australia
Email*	u.vandebona[at]unsw.edu.au

1. Activity of IRG in 2013-2014

This is the first year of this IRG. During this year we made an effort to contact international researchers among EASTS members and member countries. The following researchers have joined in the IRG during this year.

Hao-Ching Hsia: National Cheng Kung University, Taiwan

Weijie Wang: Nanjing University of Technology, China

Widyarini Weningtyas: Institut Teknologi Bandung, Indonesia

Abdul Azeez Kadar Hamsa: International Islamic University, Malaysia

This IRG aims to engage in the scientific discourse of sign system design with focus on clarity, efficiency and timeliness of the information delivery for pedestrians, cyclists and public transport users. With this objective in view, we had many email correspondence and number of small group meetings among research group members to discuss a systematic way forward for our research output in coming years.

As mentioned later under the heading "Group meetings", core members had meetings in order to discuss how to advance and manage the IRG activities. Addition IRG circulated preliminary information of the EASTS 2015 Conference to persuade members to prepare research papers for the conference. The communication process leading to this was mainly based on e-mail.

2. Self-evaluation in 2013-2014

2.1 Achievement

• Paper (Title, Authors, Year, Name of the Journal, etc.)

1. Study of sign system improvement in a historical park based on before and after comparisons, by Hiroshi Tsukaguchi, Upali Vandebona, and Hayato Mukai, Proceedings of WCTR, Rio de Janeiro, 2013.
2. Modification of visitor's way finding behavior based on sign system improvement in a historical park, by Tanaka, Hayato Mukai, Hiroshi Tsukaguchi, Yoogho Ahn, and Hisao Hayashi, Proceedings of infrastructure , 2014 (in Japanese)

• Report and book

None

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

None

• Group meeting: (Date, Venue & abstract)

Group meeting 1: December 24-27, 2013, at Gold Coast, Australia.

Prof. Tsukaguchi and Dr. Vandebona discussed the management of the IRG and teamwork as well as research tasks suitable for this stage of the new research group. A review of outcomes of the former IRG (IRG - 05 -2005) and lessons learned during that period were also discussed.

Group meeting 2: September 2-3, 2014, at National Cheng kung University, Taiwan

Prof. Yeh and Prof. Tsuakgchi developed the skeleton of papers to submit to the next EASTS conference. Methods suitable for advancement of the IRG were also discussed.

Group meeting 3: September 14-16, 2014, at University of New South Wales, Australia.

Dr. Vandebona and Prof. Tsukaguchi discussed technical details of two papers planned to be submitted to the next EASTS conference. Also, project needs suitable for ICRA grant applications were discussed and relevant members were contacted to seek detailed information.

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

1. Advanced pedestrian sign system based on analysis of way-finding behavior

Form Grants-in-Aid for Scientific Research in Japan (2014-2016)

Representative : Hiroshi Tsukaguchi

2. Pedestrian sign system location planning and evaluation from the users' perspective

From National Science Foundation of the local province

Representative: Weijie Wang

• Promotional activities of your IRG: (Homepage, Newsletter, Mailing list etc.)

Online information for the Homepage of the IRG are being prepared. The content will be submitted to the secretariat soon.

2.2 Shortage point

None

3. Activity plan in 2014-2015

Field surveys are planned to be carried out for different transport modes by the study team in different countries to understand the relationship between information provided by sign systems and travel behavior. The surveys will be conducted in relation to the following research projects:

(1) Pedestrian sign system location planning and evaluation from the user perspective.

The surveys will be carried out in Nanjing, China.

(2) Study of sign system improvement on a historical park based on before and after comparison

The survey will be carried out in Nara Park, Japan

(3) Way finding and signage for cycling in Bandung City

The survey will be carried out in Bandung, Indonesia

The effects of introducing and amending sign systems are analyzed and suitable integrated sign systems are proposed, from user's convenience point of view based on

the surveys. Addition to these, other surveys are also being planned by members of the IRG.

Research papers to report initial work will be prepared for a special session of EASTS conference 2015. The number of papers could be sufficient to hold one session in the conference.

At the time of EASTS conference in 2015, the IRG will conduct a group meeting including all members to discuss a complete range of issues encountered by members. Addition to these, small meetings with the sub-groups of members are held according to circumstances.

The IRG plans to apply to ICRA grant (ICRA-A) to conduct field surveys that contribute to research projects in “Integrated sign systems for non-motorized transport and transit users”.

4. Special instruction (additional member etc.)

The followings are the new member joined after organization of the IRG.

Hao-Ching Hsia: National Cheng Kung University, Taiwan

Weijie Wang: Nanjing University of Technology, China

Widyarini Weningtyas: Institut Teknologi Bandung, Indonesia

Abdul Azeez Kadar Hamsa: International Islamic University, Malaysia

The secretariat of EASTS
E-mail: [irg\[at\]eastst.info](mailto:irg[at]eastst.info)