

# Activity Report of EASTS IRG (International Research Group)

## IRG-06-2005

Date of Submission: 14/09/2007

### 1. Name of IRG:

**Building ITS Development Scheme in Asian Context**

### 2. List of research members:

1) Hisao UCHIYAMA (Representative)

Professor, Department of Civil Engineering, Tokyo University of Science, Japan

2) Haruo ISHIDA

Professor, Department of Policy and Planning Science, University of Tsukuba, Japan

3) Hitoshi IEDA

Professor, Department of Civil Engineering, The University of Tokyo, Japan

4) Chula SUKMANOP

Director, Transport and Traffic Information Center, Thailand

5) Ricardo G. SIGUA

Associate Professor, Department of Civil Engineering, University of the Philippines, Philippines

6) Iskandar ABUBAKAR

Director General of Land Transport, Ministry of Communication, Indonesia

7) Setsuo HIRAI

Head, ITS Division, National Institute for Land and Infrastructure Management, Japan

8) Tetsuo SHIMIZU (Secretary)

Associate Professor, Department of Civil Engineering, The University of Tokyo, Japan

### 3. Purpose and Mission of IRG:

The purpose of this IRG is to propose ITS development scheme that is suitable for Asian countries. Firstly, the progress and problem of transportation system development including ITS in Eastern Asia region are investigated. Secondly, the role of ITS for mobility improvement in Eastern Asia region is identified, focusing on the very rapid motorization, insufficient transportation infrastructures and basic Asian culture. Thirdly, necessary ideas and activities for ITS research collaboration among researchers and practitioners in EASTS are identified.

The mission of this IRG is to have a common idea of ITS in Asian context in next decade, to promote research activities for common ITS system specification in Eastern Asia region, and to propose a methodology for better ITS deployment to the government of member countries.

#### **4. Past Achievements**

4.1 Paper, Report or Book: (Title, Authors, Year, Name of journal etc.)

(You don't need to attach the files.)

4.2 Seminar, Symposium or Special Session: (Title, Date, Venue & abstract)

(1) IRG Special Technical Session at 7<sup>th</sup> EASTS Conference

September 26, 2007, Dalian Maritime University

This Special Technical Session have five research presentations dealing emerging ITS technologies and policies in Eastern Asia region. The objectives of this session are to exchange the knowledge and experiences for the ITS deployment and to make more close collaboration among experts and researchers in the future.

4.3 Group meeting: (Date, Venue & abstract)

4.4 Result of Application to other research funds: (Name & result)

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

**Will you continue your IRG activity in next term (after September 2007) ? [ NO ]**

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

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

- Planned seminar, symposium etc. (Date & Venue)
- Possibility of Special Session at the next EASTS conference in 2009
- Special considerations to young researchers

#### **6. Application for ICRA Grant**

Will you apply for ICRA Grant ? [NO]

→ If "YES", please choose one ICRA category among the two categories (A or B).

##### **A. ICRA for incubating research,**

which aims to support academic research works or to assist research meetings.

##### **B. ICRA for publicity of achievement,**

which aims to support publications, symposiums or seminars for the publicity of your IRG achievements.

Evaluation criteria of ICRA is based on “Internationality”, “Academic/Practical Novelty”, “Usefulness” and “Prospect” written in this activity report. Please reconfirm the features of this report.

If you choose “**A. ICRA for incubating research**”, please answer **6.A**, if “**B. ICRA for publicity of achievement**”, answer **6.B**.

**6.A Budget for “A. ICRA for incubating research”**  
(Please note that the fund is for two years)

- a) Personnel – only for the part-time workers, not for researchers
- b) Equipment
- c) Supplies – Consumables, such as CD-R disks, etc.
- d) Travel for conduct of research, symposium seminar etc.
- e) Other items of expense (itemized)

\* Total amount requested – not to exceed 1,000,000 YEN (approximately 8,400 US\$)

\* Budget can not include researchers’ salary.

**6.B Budget for “B. ICRA for publicity of achievement”**  
(Please note that the fund is for one year)

- a) Travel for conduct of research, symposium seminar etc.
- b) Supplies – Consumables, such as CD-R disks, etc.
- e) Other items of expense (itemized)

\* Total amount requested – not to exceed 500,000 YEN (approximately 4,200 US\$)

\* Budget can not include researchers’ salary.