

# Activity Report of EASTS IRG (International Research Group)

## IRG-07-2005

Date of Submission: ??/??/2007

**1. Name of IRG:** Risk Management of Transport and Logistics for Natural Disasters and Mega Events

### 2. List of research members:

- 1) Cheng-Min Feng (Representative)  
Institute of Traffic and Transportation, National Chiao Tung University, Taiwan
- 2) Hitoshi Ieda  
University of Tokyo, Japan
- 3) Lu Huapu  
Tsinghua University, China
- 4) Kazushi Sano  
Nagaoka University of Technology, Japan
- 5) Ru Yihong  
School of Economics and Management, Beijing Jiaotong University, China
- 6) Danang Parikesit  
University of Gajah Mada Yogyakarta, Indonesia
- 7) Nguyen Xuan Dao  
Research Institute for Transportation Science and Technology, Vietnam

### 3. Purpose and Mission of IRG:

In Asian countries, there were many natural disasters such as earthquake, typhoon, tsunami, and mega events such as big exhibition, Olympic game etc. The natural disasters have caused serious damages on infrastructures, and even lives. The mega events have caused some disasters if they are not appropriately managed. The purpose and mission of this research is to examine the lessons learnt from the past natural disasters and mega events in Asian countries, to explore the disaster-related transportation and logistics issues, and to provide some risk management measures during the periods of disaster preparedness, response and recovery in order to minimize the disaster damages.

### 4. Past Achievements

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

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

No.

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

No.

4.3 Group meeting: (Date, Venue & abstract)

No.

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

No.

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

No.

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

→ If “YES”, please answer the following questions.

**NO**

**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 ? [YES/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.