

## *Activity Report of IRG-20-2012*

IRG Code	IRG-20-2012
Name of IRG	Developing Safe and Green Urban Corridors in Asian Cities
Status	Continuation
Representative Member	Prof. Dr. Nan Zou, Shandong University, China
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### 1. Activity of IRG in 2012-2013

-Conduct In-depth review on international best practice for identifying high-accident urban corridors and evaluating effectiveness of safety improvement plans;  
 -Collect and analyze comprehensive traffic safety related data among different Asian countries including crash data, traffic offence data, vehicle type, mix and volume data, existing infrastructure data, pedestrian data, speed survey data, speed limit data and hospital road crash injury data; and  
 -Hold local workshop to collect information from stakeholders and public participation of local communities.

### 2. Self-evaluation in 2012-2013

#### 2.1 Achievement

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

Title: Design and Implement of Parking Guidance and Management System of Jinan, China

Authors: Yongjie Lin, Changlu Su, Nan Zou

Year: 2013

Venue: Taipei, Taiwan

Name of the Conference: Proceedings of the 10th International Conference of Eastern Asia Society for Transportation Studies

•Report and book

#### 1) World Bank Loans-Jiaozuo Green Transport and Road Safety Improvement Project Report, 2013

- Existing situation with regard to accident data collection and analysis;
- Accidents and fatalities by location on the Integrated Corridors and Areas;
- Safety inspection to develop a database of current road features for the corridors;
- Implement infrastructure and traffic management interventions mainly focusing on selected corridors based on the Safe System Approach;
- Develop and implement targeted road safety education and enforcement measures and campaigns together with emergency medical response improvements focusing on selected corridors/area;
- School zone safety measures.

#### 2) World Bank Loans-Honghe Prefecture Urban Transport Project Report, 2013

- Core urban area integrated transport safety improvement strategies;
- School Transport Safety Improvement methods;
- Plan safety training center for students which is located in the Traffic Command Centre.

#### 3) China-GEF-World Bank Urban Transport Partnership Project Report-Urban Road Safety Management Plans for Fushun, Benxi and Liaoyang Cities, 2012

Fatality/injury maps over time and profile of fatalities and injuries, estimated cost impact of accidents;

- Provide practical solutions to the safety problems identified in the safety analysis driven by a proactive and not a reactive approach. These involve among others engineering, traffic management, enforcement, education and post-crash response measures;
- Final Road Safety Management Plans for Fushun, Benxi and Liaoyang Cities.

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

Title: Urban Transport Corridor Designs in tourism city

Date: 1 Aug, 2013

Venue: Mengzi, China

Abstract: Discussion of urban transport corridors and its functions, design principles, and traffic management strategies for tourist cities

Title: Developing Safe and Green Corridor: Experience Sharing from England, France & Singapore

Date: 7 Aug, 2013

Venue: Jiaozuo, China

Abstract: Sharing the experience on safe and green corridor development in England, France & Singapore to address their transport challenges

•Group meeting: (Date, Venue & abstract)

Date: 15-17 Jan, 2013

Venue: Washington D.C., U.S.A

Abstract: The research team discussed the future research plan and challenges faced during TRB annual meeting. The task schedule has been set down in detail as well.

Date: 29-30 April, 2013

Venue: Jinan, China

Abstract: Discussion of research progress and future IRG activities.

Date: 28-19 August, 2013

Venue: Seoul, Korea

Abstract: Discussion of research progress and future IRG activities.

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

N/A

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

N/A

2.2 Shortage point

Need more collaboration among research team members from different countries in the near future.

3. Activity plan in 2013-2014

-Investigate the critical factors or characteristics that significantly contribute to the accident risks along urban corridors among different developing Asian countries/regions  
-Develop multi-criteria framework for identifying and ranking high accident urban corridors among different Asian countries/regions; and  
-Design important design principals of all elements in the Safe and Green Urban Corridors among different Asian countries/regions.

4. Special instruction (additional member etc.)

N/A

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