

4th IRTAD CONFERENCE

Seoul, 16-17 September 2009

Background

The International Traffic Safety Data and Analysis Group (known as the IRTAD Group) is a permanent working group of the Joint Transport Research of the OECD and the International Transport Forum focusing on all issues related to safety data collection and analysis. It oversees the IRTAD database, one of the most reliable and widely-used road safety databases.

IRTAD is open to all countries and the objective of the Group is to progressively extend the coverage of the IRTAD database to more countries with good accident data reporting systems. Where appropriate, IRTAD offers a learning process so that a new member of IRTAD can progressively provide data which meet the IRTAD standards.

The IRTAD Group regularly organises Conferences in order to discuss with a wider audience issues related to data reporting and the use of data in developing road safety policy.

The focus of this 4th Conference is on the use of data for target setting and monitoring.

Objectives of the Conference

The objectives of the Conference are to:

- Discuss the use of safety data to set targets and monitor road safety performance.
- Examine successful data reporting system and methodologies.
- Encourage knowledge transfer for data collection and analysis.
- Promote the IRTAD activities in non-OECD countries

Expected audience

150 participants, including: road safety experts, road safety statisticians, road safety researchers and road safety policy makers.

Languages

The official languages of the Conference are English and Korean.

Venue

The Conference will take place at the Imperial Palace Hotel in Seoul.

Registration

For online registration and conference fee please go to www.irtadkorea.org. The fee covers conference materials, lunches and dinners, and visits.

Conference organisers

The Conference is jointly organised by:

- The Korean Ministry of Land Transport and Maritime Affairs
- The Korea Transportation Safety Authority (TS)
- The IRTAD Group of the Joint Transport Research Centre of the OECD and the International Transport Forum

The Conference is co-sponsored by:

- The Korean Society of Transportation
- The World Bank's Global Road Safety Facility
- UNESCAP

Organising Committee

Chairman of the Organising Committee

Mr Sangho Chung (Korea, President of TS)

Members of the Organising Committee

Mr Yoonseok Jee (Korea)
Mr Byongho Choe (Korea)
Mr Arnaud Villieux (Korea)
Mr Jean Chapelon (France)
Ms Véronique Feypell (OECD/ITF)
Mr Paul Gutoskie (Canada)
Mr Dong-Woo Ha (UNESCAP)
Mr Josef Mikulik (Czech Republic)

Mr Sven Krarup Nielsen (Denmark)
Mr Stephen Perkins (OECD/ITF)
Ms Pat Kilbey (United Kingdom)
Ms Susanne Reichwein (IRTAD Secretariat)
Mr Andreas Schepers (Germany)
Mr Bjorn Stafbom (World Bank)
Mr Fred Wegman (IRTAD Chair), Netherlands

For more information

Please contact:

Ms Sori I
Korean Transportation Safety Authority
Email: soridotcom@naver.com

Ms. Véronique Feypell-de La Beaumelle
Joint Transport Research Centre of the OECD/ITF
Veronique.feypell@oecd.org
Tél: +33 1 45 24 95 95

PROGRAMME

| |
|--|
| Tuesday 15 September 2009 Welcoming and visits |
| 10:00 – 18:00 Registration (Imperial Palace Hotel) |
| 13:00 – 18:00 Field trip (optional, 50 persons maximum, advanced registration required) <ol style="list-style-type: none"> 1. Seoul Transport Operation & Information Service (TOPIS) TOPIS is an integrated Transport Information and Service System that collects and analyses real-time traffic data, provides useful traffic information to citizens and informed effectiveness analysis data for transit operators and government officials. The major functions of TOPIS are real time congestion management, support for scientific transportation administration, and providing useful traffic information through mobile devices, internet, VMS, etc. 2. Changdeokgung Palace |
| 19:00 Welcoming Reception (Imperial Palace Hotel) |
| Wednesday 16 September 2009 |
| 8:30 – 18:00 Registration (Convention Centre 1 – Dubhe Hall) |
| 9:30 – 10:15 Opening Session (Convention Centre 1, Dubhe Hall) |
| <ul style="list-style-type: none"> • Mr Jonghwan Chung, Minister, Ministry of Land, Transport, and Maritime Affairs, Korea • Mr Sangho Chung, President of Korea Transportation Safety Authority (TS), Korea • Mr Stephen Perkins, Head of the Joint Transport Research Centre of ITF/OECD • Mr Youngtae Oh, Chairman of the Korean Society of Transportation • Mr Fred Wegman, Chairman of IRTAD |
| 10:15 – 10:45 Break and Group Photo |
| 10:45 - 11:15 Plenary Session – Key road safety and data issues (Convention Centre 1 – Dubhe Hall) |
| <ul style="list-style-type: none"> • Situation in Korea, key data issues and Conference objectives <i>Mr Hyunchul Park, Chief, Ministry of Land, Transport, and Maritime Affairs, Korea</i> |
| 11:15 – 12:45 Plenary Session |
| Session 1 – Road Safety in Asia and Knowledge Transfer (Convention Centre 1 – Dubhe Hall) <i>Chair: Mr G. Gururaj (WHO Collaborating Centre for Injury Prevention and Safety Promotion, India)</i> <ul style="list-style-type: none"> • IRTAD and the Global Road Safety Facility <i>Mr Bjorn Stafbom, the World Bank</i> • Road safety data availability in Asia <i>Mr Dong-Woo Ha, UNESCAP</i> • Introducing the good practice manual on road safety data <i>Mr Jonathon Passmore, World Health Organisation</i> • Building capacity for road safety data systems <i>Mr Robert Klein, Global Road Safety Partnership (GRSP)</i> |

12:45 – 14:00 Lunch (Convention Centre 1 – Dubhe Hall)

14:00 – 15:30 Parallel Sessions

Session 2 – Specific Analysis of Road Safety Data
(Convention Centre 1 – Dubhe Hall)

Chair: Mr MyungSoon Chang (Hanyang University, Korea)

- Characteristics of motorcycle crashes in the United States
Ms Jeya Padmanaban, JP Research, United States
- Road safety and the elderly in Europe
Mr Petros Evgenikos, National Technical University of Athens, Greece
- Demographic change and changing mobility of the elderly – Evidence in the German national accident statistics
Ms Susanne Schönebeck, BAST, Germany
- Short-term monitoring of road accident trends in Israel
Ms Victoria Gitelman, Transportation Research Institute, Israel

Session 3 – Road Safety Data collection and Reporting
(Convention Centre 2 –Selena Hall)

Chair: Mr Paul Gutoskie (Transport Canada)

- Reviewing how distraction involvement is coded in the New Zealand crash analysis system
Mr Craig Gordon, Ministry of Transport, New Zealand
- Identification of accident location by use of GPS and possibilities of its application
Mr Josef Mikulík, CDV, Czech Republic
- CADaS - A common road accident data framework in Europe
Mr George Yannis, National Technical University of Athens, Greece
- Road traffic accident involvement rate by accident and violation records
Mr Yasushi Nishida, Institute for Traffic Accident Research and Data Analysis, Japan

15:30 – 16:00 Break

16:00 – 18:00 Plenary Session (Convention Centre 1 – Dubhe Hall)

Session 4 – Data Quality and Data Linking

Chair: Mr. KyungSoo Chon (President of EASTS, Korea)

- Correction for underreporting of road traffic casualties in the Netherlands; relevance and method
Mr Niels Bos, SWOV, the Netherlands and Mr Harry Derriks, Ministry of Transport, the Netherlands
- Achieving quality of Canadian crash data
Ms Aline Chouinard, Transport Canada
- Prerequisites for completing the quality chain in the safety management
Mr Byongho Choe, Korea Transportation Safety Authority
- Under reporting of road traffic crash data in Ghana
Mr Mohammed Salifu, University of Science and Technology of Kwame Nkrumah, Ghana
- Update and improvement of the traffic accident data collection procedures in Spain. The METRAS method of sequencing accident events.
Mr Jean François Pace, INTRAS, University of Valencia, Spain

18:30 Gala Dinner (Convention Centre 2 –Selena Hall)

| Thursday 17 September 2009 | |
|--|--|
| 8:30 – 18:00 Registration (Convention Centre 1 – Dubhe Hall) | |
| 9:00 -10:30 Parallel Sessions | |
| <p>Session 5 – Road Safety Benchmarking (Convention Centre 1 – Dubhe Hall) <i>Chair: Mr John Goldsworthy (Department of Infrastructure, Transport, Regional Development and Local Government, Australia)</i></p> <ul style="list-style-type: none"> • Analyses using the European Road Safety Observatory <i>Ms Eleonora Papadimitriou, National Technical University of Athens, Greece</i> • Elaborating an index methodology for creating an overall road safety performance score for a set of countries <i>Ms Elke Hermans, University of Hasselt, Belgium</i> • Stronger road safety performance monitoring in South Australia <i>Ms Tamra Fedojuk, Department for Transport, South Australia</i> • SUNFLOWER NEXT <i>Ms Victoria Gitelman, Transportation Research Institute, Israel, and Mr Fred Wegman, SWOV, the Netherlands</i> | <p>Session 6 – Road Infrastructure and Safety Analysis (Convention Centre 2 – Selena Hall) <i>Chair: Mr Niels Bos (SWOV, the Netherlands)</i></p> <ul style="list-style-type: none"> • Road Infrastructure Safety Assessment – RISA <i>Mr Ian Appleton, Transport Agency, New Zealand</i> • Development of Intersection Traffic Accident Risk Assessment Model <i>Mr Ki-Joon Kim, TERI, Korea</i> • Software-based road safety analysis in Germany <i>Mr Ulrich Brannolte, Bauhaus University, and Mr Andre Münch, PTV, Germany</i> • Sequential Data Analysis for Black Spot Identification <i>Mr Songrit Chayanan and Kiattipong Jierranaitanakit, Ministry of Transportation, Thailand</i> • Relating freeway traffic accidents with inductive loop detector data using logistic regression <i>Mr Cheol Oh, University of Hanyang, Korea</i> |
| 10:30 – 11:00 Break | |
| 11:00 – 13:00 Parallel Sessions | |
| <p>Session 7 – Data Collection and Analysis in Asian Countries (Convention Centre 1–Dubhe Hall) <i>Chair: Mr Dong-woo Ha (UNESCAP)</i></p> <ul style="list-style-type: none"> • The construction of road accident analysis and database system in Malaysia <i>Mr Hizal Hanis Bin Hashim, MIROS, Malaysia</i> • Data leads to successful introduction of Vietnam Helmet Law <i>Ms Lan Huong Nguyen, GRSP, Vietnam</i> • Analysis of design elements for urban highway safety <i>Mr SooBeom Lee, University of Seoul, Korea</i> • GRSP Beijing project of improving Vulnerable Road Users (VRU) safety at intersections <i>Ms Ann Yuan, GRSP, China</i> • Traffic accidents in Hanoi: data collection and analysis <i>Mr Nguyen Hoang Hai, Hanoi Department of Transport, Vietnam</i> | <p>Session 8 – Safety Performance Indicators (Convention Centre 2–Selena Hall) <i>Chair: Mr Harry Derriks (Ministry of Transport, the Netherlands)</i></p> <ul style="list-style-type: none"> • Analyzing road safety indicator data across Europe: describing, explaining and comparing <i>Ms Elke Hermans, University of Hasselt, Belgium</i> • Surveys on safety performance indicators in Switzerland: results and methodological issues <i>Mr Steffen Niemann, Council for Accident Prevention, Switzerland</i> • Data and monitoring on road safety performance in Hungary <i>Mr Peter Holló, KTI, Hungary</i> • Evaluating safety and road safety effects using Empirical Bayesian method <i>Mr Harri Peltola, VTT, Finland</i> • Road safety performance evaluation based on a Multiple Layer Data Envelopment Analysis Model <i>Mr Yongjun Shen, University of Hasselt, Belgium</i> |
| 13:00 – 14:30 Lunch (Convention Centre 1 – Dubhe Hall) | |

14:30 – 16:15 Plenary Session

Session 9 – Data analysis to Support Road Safety Policy, Target Setting and Monitoring

(Convention Centre 1 – Dubhe Hall)

Chair: Mr Fred Wegman (SWOV, the Netherlands)

- Monitoring performance indicators in order to reach Sweden’s new road safety target - a progress towards Vision Zero
Ms Ylva Berg, Swedish Road Administration, Sweden
- Need for road safety targets in South Asian developing countries
Mr Kathirgamalingam Somasundaraswaran, University of Southern Queensland, Australia
- Strategic targets board as a management tool for Spanish Road Safety
Ms Pilar Zori Bertolín, Traffic Directorate, Spain
- Make Roads Safe, a Decade for Road Safety Action
Mr Mike Harris, AAA, Australia

16:15 – 16:30 Break

16:30 – 17:30 – Closing Session (Convention Centre 1 – Dubhe Hall)

16:30 – 17:15 – Reflections of the Chairman of IRTAD and results of the Conference, Fred Wegman

Discussion

17:15 – 17:30 Closing speeches

- Mr SangHo Chung (President of Korea Transportation Safety Authority)
- Mr Stephen Perkins, OECD/ITF

18:00 Farewell Party (Convention Centre 2 – Selena Hall)

Poster presentations on 16 and 17 September

The following poster presentations will be displayed during the conference:

- Investigation of pedestrian accidents analysis at signalised pedestrian crossings in Edinburgh
(Mr Khalfan Alnaqbi, Edinburgh Napier University, United Kingdom)
- Analysis of road traffic accidents on NH 45 – Kanchipuram District
(Mr Ravishankar Rajaraman, JP Research, India)
- GDP, vehicle ownership and fatality rate: similarities and differences among countries
(Mr Attila Borsos, Szechenyi Istvan University, Hungary)
- Database of black spots on main roads in Serbia
(Mr Krsto Lipovak, Academy of Criminalistic and police studies, Serbia)
- Application of Hazard Based Duration Model to Investigate Traffic Incident Duration
(Mr Abdulla Alkaabi, University of Newcastle, United Kingdom)
- Obtaining and Applying of Traffic Accident Data Using Automatic Accident Recording System in Korea
(Mr Jaehoon Sul, Korea Transport Institute, Korea)
- Analysis of Maxillofacial Injuries of Vehicle Passengers Involved in Frontal Collisions
(Mr Masahito Hitosugi, Dokkyo Medical University School of Medicine, Japan)
- Bicycle traffic accidents in Japan – Influence of passengers and cyclists' manner on the accidents
(Mr Shinichi Yoshida, Institute for Traffic Accident Research and Data Analysis, Japan)
- Drinking and Driving project in Guangxi
(Ms Ann Yuan, GRSP, China)
- Road safety education in schools. Can we measure its success?
(Ms Gayle di Pietro, GRSP, Malaysia)
- Community Youth Helmet Use Project in Thailand
(Ms Nuananong Lohitakul, GRSP, Thailand)
- Road Crash and Victim Information System – RTAVIS
(Mr Panhavuth Sem, Handicap International, Cambodia)
- Prioritization and selection of risk alleviation measures through traffic impact and risk assessment analysis
(Ms Eftihia Nathanail, University of Thessaly, Greece)
- Crash data systems– A new-generation software product approach and a move to improved national systems
(Mr J.R. Jarvis, IBS, India)

Authors will answer questions during the Conference tea and coffee breaks.

Information on the IRTAD Group and demonstration of the IRTAD database will be offered during the breaks.

IRTAD Group Meeting on 18 September

The 9th meeting of the IRTAD Group Meeting will be held on Friday 18th September 2009
(for IRTAD members only or on invitation).