



NTUA Road Safety Update - January 2014



NTUA awarded the TRB annual outstanding paper on safety data analysis 2013



NTUA Assistant Professor Constantinos Antoniou and Associate Professor George Yannis have been awarded with the annual outstanding paper award of the Transportation Research Board Committee ANB20 (Safety Data, Analysis and Evaluation) 2013. The paper awarded concerned the **"Assessment of exposure proxies for macroscopic road safety prediction"**, published at the Proceedings of the 92nd Annual Meeting of the Transportation Research Board, Washington, January 2013. The objective of this research was to investigate alternative proxy variables (vehicle fleet, GDP, fuel consumption) in macroscopic structural road safety time-series modelling. [LINK](#)

TRB Annual Meeting 2014



The Transportation Research Board (TRB) 93rd Annual Meeting was held in Washington, D.C., in January 2014, with more than 5.500 presentations in more than 800 scientific sessions and workshops and more than 12.000 transportation experts and stakeholders. The spotlight theme for the 2014 TRB Annual Meeting is **Celebrating Our Legacy, Anticipating Our Future**. NTUA road safety presentations concerned:

- Results from a driving simulator study on performance of drivers with cerebral diseases in rural roads
- Sign recall in a fixed-base simulator as a measure of fitness-to-drive
- European Road Safety Forecasts
- Relationship between road safety and economic indicators

IRTAD Better Safety Data Conference, Buenos Aires 2013



The International Conference on Better safety data for better road safety outcomes, co-organised by the International Traffic Safety Data and Analysis Group (IRTAD) of the International Transport Forum (ITF) and the Iberoamerican Road Safety Observatory (OISEVI) took place with great success in Buenos Aires on 13-14 November 2013. More than 350 road safety experts, decision makers and stakeholders from more than 40 countries participated in the discussions focussing on various aspects of **data improvement and quality as the best ally in the development of road safety strategies**, as well as of data analysis in IRTAD, OISEVI and other countries. [LINK](#)

More than 40 presentations covered all aspects of traffic safety data and their role in road safety policy, including safety indicators, spatial analysis, data quality, simulation tools, politics and health data crossing, capacity development, safety management, safety tendencies and data usage. [LINK](#)

NTUA presentation concerned: 'Improving fatalities forecasting in times of recession through the use of panel time series models' [LINK](#)

ITF - Cycling Health and Safety Report 2014



The International Transport Forum's Cycling Safety Working Group has recently released a Research Report on Cycling, Health and Safety. This report monitors international trends in cycling, safety and policy, and explores options that may help decision makers design safe environments for cycling. Key messages relate to **strategic goal-setting for cycling policy and managing crash risks while increasing health benefits**. The report also discusses how to better capture crash and bicycle usage statistics. The safety impacts of a wide range of pro-cycling measures are examined in detail. [LINK](#)

EU includes urban road safety in urban mobility package 2013



The European Commission is stepping up its support to towns and cities in the new "Urban Mobility Package". The European Commission will reinforce the exchange of best practice, with the communication as central element of the urban mobility package: **"Together towards competitive and resource-efficient urban mobility"**. [LINK](#)

One of the four basic priorities of the Urban Mobility Package is to enhance urban road safety and protect in particular the vulnerable users from death and serious injury. The European Commission will continue to gather and disseminate good practice examples for road safety planning and consider further measures for reducing the number of serious road traffic injuries in urban areas. Member States should ensure that sustainable urban mobility plans give due consideration to urban road safety as a horizontal issue. [LINK](#)

ETSC - Road safety memorandum for the Greek Presidency 2014



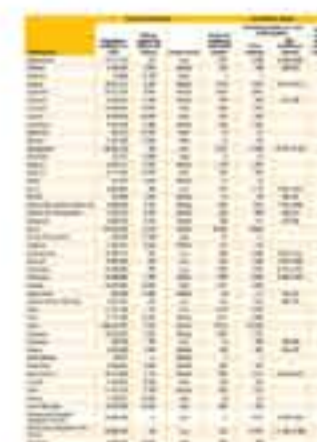
ETSC has recently published the Memorandum to the Greek Presidency of the Council of the European Union titled "Road safety priorities for the EU in 2014". In this Memorandum, ETSC outlines its **recommendations on the key EU road safety policy dossiers** to be steered by the Greek presidency of the European Union in the first half of 2014. These include securing agreements on EU legislation on automated in-vehicle emergency calling (eCall) and safer lorry design. The main recent and forthcoming policy initiatives from the European Commission including progress on in-vehicle safety technologies such as Intelligent Speed Assistance (ISA) for professional vehicles and alcohol interlocks for certain vehicle and driver categories, are also included, with recommendations for maximising the results for road safety. The final part of this Memorandum focuses on Greece's own track record on road safety with recommendations for improvement. [LINK](#)

GRSP - Advocacy Manual for National Societies 2013



Global Road Safety Partnership launched its new publication "Advocating for Road Safety: A Guidance Manual for National Societies". The purpose of this document is to guide Red Cross Red Crescent National Societies through the process of planning and implementing a road safety advocacy initiative. The document outlines the role advocacy plays in improving road safety, and highlights the added value of Red Cross Red Crescent National Societies' involvement in road safety advocacy. Moreover, it defines the **steps required to design and implement an advocacy initiative** around a road safety issue and provides examples, resources and tools to support National Societies throughout the design process. [LINK](#)

WHO World Road Safety Basic Data 2013



The World Health Organization (WHO) released tables with **detailed data for specific topics** by country/area. [LINK](#) These tables are part of the statistical annexes of the Global Status Report on Road Safety 2013 and concern:

- Road traffic deaths and proportion of deaths by road user
- Post-crash response
- Speed laws and enforcement
- Drinking and driving laws, enforcement and related road traffic deaths
- Helmet laws, enforcement and wearing rates
- Seat-belt and child restraint laws, enforcement and wearing rates
- Mobile phone laws
- Road safety management, strategies and targets
- Safer mobility

This Road Safety Update aims to support frequently the Greek and the International Road Safety Community with current key road safety knowledge and data, which is gathered, analysed and organised within the research activities of the Department of Transportation Planning and Engineering of the National Technical University of Athens.

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About NRSO



The mission of the NTUA Road Safety Observatory (www.nrso.ntua.gr) is to support the Greek and the International Road Safety Community with current key road safety knowledge and data, which are gathered, analysed and organised within the research activities of the Department of Transportation Planning and Engineering of the School of Civil Engineering of the National Technical University of Athens, as well as within co-operations with various national and international road safety organisations.

The NTUA Road Safety Observatory has been developed within the framework of two European Union co-funded research projects, namely SAFETYNET - Development of the European Road Safety Observatory (2004-2009) and DACOTA - Road Safety Data Collection, Transfer and Analysis (2010-2012), with Scientific Responsible for NTUA, Professor George Yannis.