



## NTUA Road Safety Update - November 2012



National Technical University of Athens  
Road Safety Update

November 2012

### European Accidentology Conference, Athens 2012



The **European Road Safety Conference on data and knowledge-based policy-making** took place with great success in the Acropolis Museum Conference Centre in Athens on 22-23 November 2012. This Conference was organised by the DaCoTA EU co-funded research project and it was a high level event which brought together more than 150 road safety delegates (policy-makers, stakeholders and technical community). The latest developments in EU road safety strategies were presented together with the latest research findings. All the Conference presentations can be found at the [Dacota project website](#). [LINK](#)

The NTUA presentations concerned:

- Linking road safety management with road safety performance
- A comprehensive road safety data and knowledge support tool
- Forecasting fatalities in times of recession

### 25th ICTCT Workshop in Hasselt University 2012



The 25th annual ICTCT workshop took place on 6-9 of November 2012, in the [Transportation Research Institute \(IMOB\)](#), Hasselt University, Belgium. The workshop provided a forum to discuss innovating theories and concepts in Road Traffic Safety research and brought together international experts. This year the conference theme was '**road safety in a globalised and more sustainable world** – current issues and future challenges'. All the presentations can be found at the [ICTCT website](#) (Workshop - past - Hasselt-Belgium). NTUA presentation concerned: "The attitudes and behaviour of European pedestrians" [LINK](#)

### Road safety seminar in Cyprus 2012



The 14th road safety seminar "**Motorcycles: we drive, we do not risk our lives**" organised by the Traffic Police Section of Cyprus, took place on 29 November 2012, in Nicosia. NTUA Associate Professor [George Yannis](#) presented "Current Challenges on the Security of Motorcyclists in Europe" [LINK](#)

### Prof. M.Abdel Aty Road Safety Lecture at NTUA 2012



The Department of Transportation Planning and Engineering of the School of Civil Engineering of the National Technical University of Athens, the Hellenic Institute of Transportation Engineers and the Road Safety Observatory of the Technical Chamber of Greece organised a **Lecture by M. Mohamed Abdel-Aty**, Professor of Transportation Engineering at the University of Central Florida on 'Changing the way we think about Traffic Safety: Current Traffic Safety Research Initiatives'. The Lecture took place on Monday, November 12th, 2012 at the Amphitheater of Railways and Transport at the NTUA Campus. [LINK](#)

### Modelling the spatial variation of road accidents and fatalities in Greece 2012



A paper titled 'Modelling the spatial variation of road accidents and fatalities in Greece' co-authored by E.Papadimitriou, V.Ekshler, G.Yannis, S.Lassarre is just published in the Proceedings of ICE - Transport. The paper focuses on the modelling of the spatial variation of road accidents and fatalities in Greece. For that purpose, NUTS-3 road accident and fatalities risk rates are used for the development of CAR and CAR-convolution spatial models. Moreover, two types of neighbourhood structures of the regional road safety data are tested: a basic structure defined according to the road connections between counties and an extended structure defined on the basis of both road and ferry connections between counties. The results suggest that the basic spatial structure accounts for an important part of the variation in road accident rates in the Greek counties, revealing **a pattern of risk increase from northern to southern Greece**. Spatial effects are also identifiable when considering the extended spatial structure, however without explaining a larger part of the overall variation compared to the basic structure. [DOI](#)

### John Frantzeskakis Transportation Engineering Experiences 2012



A new book of NTUA Professor Emeritus [John Frantzeskakis](#) and first Chairman of the Hellenic Institute of Transportation Engineers, titled "**Experiences 1958-2012 of a Greek Transportation Engineer from the urban areas in Greece and abroad**" has been just published by Papatirou Editions, Greece. A special chapter on road safety summarises the more than 30 years scientific contributions of Prof. Frantzeskakis to the reduction of road accident casualties in Greece and in Europe. [LINK](#)

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](http://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.