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## Katsianis Nikolaos

### Occupation

Civil Engineer

MSc Transport Engineer

### Qualifications

A Class Planning Degree in Traffic and Hydraulics Engineering for Public Sector Projects

Expert Consultant at Technical Chamber of Greece, Dep. Of Central and West Thessaly, regarding Traffic and Highway Engineering Issues

Property Valuer

Energy Inspector

### Work Experience

#### 2005-present

Freelance:

Traffic studies for urban and regional areas

Parking management studies

Accident studies

Road work zones signage studies

General transportation studies

Road safety audits

Evaluation of operation of transport networks

Estimation of transport demand

Road Restraint Systems studies

Traffic Impact studies

Transportation expert consultant

#### 2014

Expert consultancy for the Technical Chamber of Greece regarding the conjunction of the Roadside Network of the National Road between Trikala and Kalabaka

#### 2009-2013

Technological Institute of Larissa, Department of Infrastructure Engineering  
Scientific Associate, lecturer of the courses:

Highway Engineering I (3<sup>rd</sup> semester)  
Highway Engineering II – Asphalt works (4<sup>th</sup> semester)  
Airport Planning and Design (5<sup>th</sup> semester)  
Traffic Engineering (6<sup>th</sup> semester)

**2013-present**

Energy Inspector  
Energy performance audits in buildings to determine energy efficiency class

**2013-14**

Transportation Planning Project for the municipality of Agia, region of Larissa, Thessaly

**2013**

Participation in the Project of Road Safety Audits of the Road Network of the Regions of Larissa and Magnesia, Project by Egnatia Odos AE

**2012**

Expert Consultancy for the Technical Chamber of Greece regarding the Safety evaluation of Leoforos Karamanli Road in Larissa

**2010**

Participation in the Research Program (code 3825) of the Research Committee of Transportation Planning of the University of Thessaly regarding the investigation of the possibility of forming the roadside network of the National Road between Volos and Velesino accompanied by its geometrical and operational upgrade, having as duty the conduction of Traffic Management Plan.

**2009**

Participation on the Research Program (code 3961) of the Research Committee of Transportation Planning of the University of Thessaly regarding the investigation of the feasibility of developing intercity network conjunction, having as duty the conduction of Traffic Management Plan.

**2009**

Participation in the European Territorial Cooperation project FLIPPER (code 83066), as member of the Transportation Research Group of Aristotle University of Thessaloniki, titled as “Flexible Transport Services and ICT platform for Eco-Mobility in urban and rural European areas”

**2008**

ARCON Constructions  
Project Manager on Interior Design Projects at Pantheon Plaza Mall, Larissa

**Studies**

**2009-present**

PhD Candidate at the University of Thessaly, Department of Civil Engineering, Volos, Greece

**2007-2008**

Interdepartmental Program of Post Graduate Studies  
«Planning, Organization and Management of Transport Systems»,  
Polytechnic School of Aristotle University of Thessaloniki, Greece

**1997-2004**

Civil Engineer Diploma  
Polytechnic School of Aristotle University of Thessaloniki

**Military Obligation**

Fulfilled in 2004-2005

**P.C. Skills**

AutoCAD  
Ms Office  
FESPA  
SPSS  
ArcGIS  
ODOS

**Languages**

English ( Proficiency )  
German ( Mittelstufe )

**Research Publications****Journals**

1. International Review of Civil Engineering (I.R.E.C.E.), Vol xx, n.x, January 2011 “Effect of driver’s roadway familiarity on risk perception & driving behavior”, Nikolaos Katsianis, Nikolaos Eliou, Evdokia Iliadou, Konstantinos Vogiatzis

**Part of Book Publications**

2. Advances in Human Aspects of Road and Rail Transportation, chapter 51, CRC Press 2012, Pages 500–508, Print ISBN: 978-1-4398-7123-2, eBook ISBN: 978-1-4398-7124-9  
“Driver’s behavior assessment as an indicator of accident involvement”, Nikolaos Katsianis, Nikolaos Eliou and Evdokia Iliadou

**Conferences**

3. 4<sup>th</sup> National Road Safety Conference, November 5-6, 2009, Athens, Greece  
  
« Investigation of the effect of roadway familiarity on perception of risk of geometric characteristics”, Eliou N., Katsianis N., Iliadou E.

4. 16<sup>th</sup> IRF World Meeting 2010, 25-28 May, Lisbon, Portugal  
 “Driver’s risk perception of road geometry as affected by vehicle’s characteristics”, Eliou N., Vogiatzis K., Katsianis N.
5. Transport Research Arena Europe 2010, 7-10 June, Brussels, Belgium  
 “Driver’s risk perception while approaching periurban interchanges” Eliou N., Iliadou E., Katsianis N.
6. 5<sup>th</sup> International Congress on Transport Research, 27-28 September 2010, Volos, Greece  
 “Environmental Assessment of Road Infrastructure” Iliadou E., Eliou N., Katsianis N.
7. 5<sup>th</sup> International Conference on Bituminous Mixtures and Pavements, 1-3 June 2011, Thessaloniki, Greece  
 “Comparative Environmental Assessment of Innovative Technologies for Pavements”, Iliadou E., Eliou N., Katsianis N.
8. 3<sup>rd</sup> National Conference on Highway Design, February 2012, Athens, Greece  
 “Attempt to investigate the correlation between driver behaviour and accident involvement” Katsianis N., Eliou N., Iliadou E.
9. 3<sup>rd</sup> National Conference on Highway Design, February 2012, Athens, Greece  
 “Risky driving behaviour as a synthesis of psychological and emotional parameters”  
 Kotoula K., Eliou N., Katsianis N., Iliadou E.
10. 5<sup>th</sup> National Conference of Road Safety, October 2012, Volos, Greece  
 “Investigation of the effect of driving anger on driving behavior”  
 Katsianis N., Iliadou E., Eliou N.

**Professional  
Organizations  
Membership**

Technical Chamber of Greece  
 Union of Civil Engineers of Greece  
 Union of Transport Engineers of Greece