PERSONAL INFORMATION

Ioannis Karakikes

Volos, 38221, Greece

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iokaraki@uth.gr

Date of birth 30/09/1988 | Nationallity Greek

WORK EXPERIENCE

(04/2016 - today)

Researcher

Traffic, Transportation and Logistics Laboratory - TTLog, Civil Engineering Department, University of Thessaly, Pedion Areos, 38334, Volos, Greece

- Participation in the European research program ALLIANCE “Enhancing excellence and innovation capacity in sustainable transport interchanges” (grant agreement 692426)
- Participation in the European research program NOVELOG “New Cooperative Business models and guidance for sustainable city logistics” (grant agreement 636626)

(02/2015 – 03/2016)

Working Student

PSLV Planungsgesselschaft Stadt – Land – Verkehr GmbH, Josephspitalstrasse 7, 80331 Munich, Germany

- Design of traffic models (Vissim Software)
- Transportation project studies

(07/2015 – 01/2016)

Graduate Research Assistant

Chair of Trafiic Engineering and Control, Technical University of Munich, Arcistrasse 21, 80333 Munich, Germany

- Modeling German Highway Networks (Autobahnen) (Vissim Software)

(04/2014 – 04/2015)

Graduate Research Assistant

Chair of Traffic Engineering and Control, Technical University of Munich, Arcistrasse 21, 80333 Munich, Germany

- Processing and correcting trajectory data extracted from Video (T-Analyst & Traffic Intelligent Software)

EDUCATION AND TRAINING

(11/2016 – today)

PhD Candidate

University of Thessaly, Civil Engineering Department, Volos, Greece

- Dissertation’s Topic: Simulation and impact assessment of innovative systems for urban freight distribution

(10/2013 – 12/2015)

Master Program (M.Sc.) in Transportation Systems (in English)

Technical University of Munich (TUM), Munich, Germany

- Field of Study: Intelligent Transportation Systems (ITS)
- Master Thesis: Designing a Vissim-Model for a Motorway Network with Systematic Calibration on the Basis of Travel Time Measurements

(9/2006 – 09/2016)

Diploma in Civil Engineering

University of Thessaly, Civil Engineering Deprtment, Volos, Greece

- Field of Study: Transportation
- Diploma Thesis: Road projects Earthworks Calculation – Method Comparison

PERSONAL SKILLS

Mother tongue Greek

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken Interaction	Spoken Production	
English	C2	C2	C2	C2	C2
	Proficiency of Michigan ECPE				
German	B2	B2	B2	B2	B2
	Goethe – Zertifikat B2				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user

Computer skills

- Transportation related: PTV Vissim, PTV Visum, Anadelta Software, SUMO, Sitraffic Office
- Programming language: MATLAB, Python
- General: AutoCAD (Certification by ECDL CAD), ArcGIS, Microsoft Office, CorelDraw, SPSS

Other skills

- 08/2006 – 08/2011 Volunteer, YMCA Summer Camps, Agios Ioannis, Pelion – Manager of Sea Activities
- Exchange student, Jan Arentz Schule, Alkmaar, Netherlands
- Second place in Swimming National Championship

Driving license Category B

Military service 02/2012 – 02/2013

ADDITIONAL INFORMATION

Publications

Nathanail Eftihia, Mitropoulos Lambros, Gogas Michael, Adamos Giannis, **Karakikes Ioannis**, 2017, Integrated Assessment Framework for UFT Solutions, Proceedings of the 10th International Conference of City Logistics, 14-16 June 2017, Phuket Island, Thailand (Paper accepted for presentation and publication in the conference's proceedings)

Karakikes Ioannis & Eftihia Nathanail, 2017. “Simulation Techniques for Evaluating Smart Logistics Solutions for Sustainable Urban Distribution”. Procedia Engineering, Volume 178, 2017, Pages 569–578, Elsevier. 16th International Conference "Reliability and Statistics in Transportation and Communication" (RelStat'16), Riga, Latvia. http://dx.doi.org/10.1016/j.proeng.2017.01.110

Karakikes Ioannis, Spangler Matthias, Margreiter Martin, 2016, MOTORWAY SIMULATION USING BLUETOOTH DATA, Transport and Telecommunication Journal, 2016, Volume 17, Issue 3, Pages 242–251.

Karakikes Ioannis, Spangler Matthias, Margreiter Martin, 2015, Designing a VISSIM-Model for a Motorway Network with Systematic Calibration on the Basis of Travel Time Measurements, Proceedings of the 3rd Conference “Sustainable Urban Mobility”, 26-27 May 2016, Volos, Greece, p. 202-209.

PARTICIPATION IN ACTIONS

Participation in scientific and professionals associations

Member of the Technical Chamber of Greece
Member of the Association of of Civil Engineers of Magnisia, Greece

Organizational and Scientific Committees	Member of the Organizing Committee for the 3rd Conference of Sustainable Urban Mobility, Volos, Greece, 26-27 May 2016.