






PERSONAL INFORMATION

Maria Karatsoli



 Volos, 38221, Greece
 0030 2421 074176  0030 697 9838126
 makarats@uth.gr
 <https://www.linkedin.com/in/mariakaratsoli>

Date of birth 27/10/1988 | Nationality Greek

WORK EXPERIENCE

02/2016-03/2016

Research Assistant

Technische Universität München, Arcistrasse 21, 80333, Munich, Germany

- Processing and evaluation of data
- Traffic models design - PTV Vissim Software

04/2015-04/2016

Assistant

GEVAS HUMBERG & PARTNER, Grillparzerstraße 12a, 81675, Munich, Germany

- Transportation studies
- AutoCAD Design
- Processing and evaluation of data

3/2015

Intern

SSP Consult- Beratende Ingenieure GmbH, Spiegelstrasse 9, 81241, Munich, Germany

- Cost analysis of transportation projects- ARRIBA software
- Transportation construction studies
- Implementation of Intelligent Transportation Systems (ITS) on Highways

07/2010-08/2012

Intern

Technical office of Liakos Polideukis, Leukovrysi, 50100, Kozani, Greece

- Topographic Measurements
- AutoCAD Design

EDUCATION AND TRAINING

SINCE 11/2016

PhD Candidate

University of Thessaly, Volos

- Field of expertise: Use of big data in Intelligent Transportation Systems (ITS) for sustainable mobility

10/2013-12/2015

M.Sc. in Transportation Systems

Technische Universität München, Munich, Germany

- Field of study: Intelligent Transportation Systems (ITS)
- Master Thesis: Bluetooth-based travel times for automatic incident detection– A systematic description of the characteristics for traffic management purposes.

09/2006-11/2012

Diploma in Civil Engineering

University of Thessaly, Volos

- Field of Study: Transportation
- Diploma Thesis: "Road Safety- Implementation of legal-speed limits adjustment framework on existing road network."

PERSONAL SKILLS

MOTHER TONGUE

Greek

OTHER LANGUAGES

	UNDERSTANDING		SPEAKING		WRITING
	LISTENING	READING	SPOKEN INTERACTION	SPOKEN PRODUCTION	
Αγγλική	C2	C2	C2	C2	C2
	Postgraduate studies in English language				
Γερμανική	C1	C1	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, EMME2, SUMO, Sittraffic Office
- Programming: MATLAB, Fortran, Python
- General: AutoCAD, ArcGIS, ARRIBA, Adobe Photoshop, Microsoft Office (ECDL Certificate), MS Project, CorelDRAW, SPSS

DRIVING LICENCE

Category B

ADDITIONAL INFORMATION

PUBLICATIONS

Karatsoli Maria, Margreiter Martin, Spangler Matthias, 2015, Bluetooth-based travel times for automatic incident detection– A systematic description of the characteristics for traffic management purposes, Proceedings of the 3rd Conference "Sustainable Urban Mobility", 26-27 May 2016, Volos, Greece, 242-249
(the paper has been accepted in Elsevier's BV Transportation Research Procedia (TRPRO))

Karatsoli Maria, Margreiter Martin, Spangler Matthias, 2016, Simulation based Performance Test of Incident Detection Algorithms Using Bluetooth Measurements, Transport and Telecommunication Journal, 2016, Volume 17, Issue 4, 267-273.