

PERSONAL INFORMATION



Maria T. Tsami

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🌐 www.este.civ.uth.gr/en/personnel.html

Sex: Female | Date of birth: 25/08/1986 | Nationality: Greek

WORK EXPERIENCE

May 2011 – present

Research associate

Hellenic Institute of Transport, Centre for Research and Technology Hellas, 6th km. Charilaou – Thermi rd, 57001, Thessabniki, Greece
(www.imet.gr ; www.certh.gr)

- **“City-HUB”**, Collaborative project under the 7th Framework Cooperation Work Programme Sustainable Surface Transport, Theme: Innovative design and operation of new or upgraded efficient urban transport. Assigned to the Hellenic Institute of Transport, Centre for Research and Technology Hellas by the European Commission.

Activities and responsibilities: a) *Development of an operational framework for urban transport interchanges, b) Project dissemination manager, c) Project website and social media manager.*

- **“South East Europe-Intelligent Transport Systems-SEE-ITS”**. Project co-funded by the European Commission within the 7th Framework Programme. Assigned to the Hellenic Institute of Transport / Centre for Research and Technology Hellas by the European Commission.

Activities and responsibilities: a) *Researcher, b) Website.*

May 2011 – present

Research associate

Transportation Engineering Laboratory, Department of Civil Engineering, University of Thessaly, Pedion Areos, 38334, Vols, Greece
(www.este.civ.uth.gr ; www.uth.gr)

- **“TUD COST Action TU1004: Modelling Public Transport Passenger Flows in the Era of Intelligent Transport Systems”**, European Cooperation in Science and Technology – COST, supported by the EU RTD Framework Programme, 2011-2015.

Activities and responsibilities: *Working Group Member.*

- **Intelligent Urban Mobility Information and Management System Towards Urban Sustainability in the city of Volos, Greece (i-mobi VOLOS)**, funded by the Research Committee of the University of Thessaly, Assigned to the Transportation Engineering Laboratory of the University of Thessaly.

Activities and responsibilities: a) Project Scientific Researcher

- **“A Study on Integrated Border Crossing Points Management between Schengen Area and Russia/Belarus”, Europeaid, EU — Assistance Projects**
- World Trade Organization

Activities and responsibilities: a) Analysis of the current situation of traffic flows and border management rules, methodologies and practices at selected BCPs between the Schengen area and Russian Federation and Belarus; b) Assessment of opportunities for integrated BCP management between the Schengen area and Russia/Belarus; c) Identification of a list of road BCPs on the Schengen countries - Russia/Belarus border that are vitally requiring improvements, c) Spatial planning and management of border crossing points

- **“Traveler behavioral modeling”, University of Thessaly, General Secretariat for Research and Technological Development, Ministry of Education.**

Activities and responsibilities: a) Research on traveller behaviour; b) information scenarios development; c) discrete choice and neural network modelling

May 2011–present

Teaching assistant

- **Department of Civil Engineering, University of Thessaly, Pedion Areos, 38334, Volos, Greece (www.este.civ.uth.gr ; www.uth.gr)**

- **Undergraduate Program of Civil Engineering Department. Teaching course: “Transportation planning”**

Activities and responsibilities: a) Teaching assistant b) Assistant supervisor in diploma theses of undergraduate studies and master theses.

- **Undergraduate Program of Civil Engineering Department: Teaching course: “Planning, analysis and evaluation of transportation systems”.**

Activities and responsibilities: a) Teaching assistant b) Assistant supervisor in diploma theses of undergraduate studies and master theses.

January 2007 – December
2009

Fellow Engineer

- **Thessaloniki's Integrated Transport Authority. 65, Georgikis Scholis Ave. GR-57001, Pylaia - Thessaloniki, GREECE.**
(<http://www.thita.gov.gr/>)
- **Study for “Bicycle use in Thessaloniki, Greece” (2009).** Thessaloniki's Urban transport Authority, Aristotle University of Thessaloniki- Department of Spatial Planning and Development.
Activities and responsibilities: a) Survey implementation; b) Data collection and analysis
- **Study for “Assessing public transport ridership in Thessaloniki” (2008).**
Activities and responsibilities: a) Survey implementation; b) Data collection and analysis

January 2006– December
2006

Fellow Engineer

- **TEMKA- Construction company. 84 Egnatia street,, 54623, Thessaloniki**
Activities and responsibilities: a) AutoCAD building designs, B) ALLPLAN building designs

EDUCATION AND TRAINING

- 2011 –present **Doctor of Philosophy candidate (PhD cand.)**
Department of Civil Engineering, University of Thessaly, Pedion Areos, 38334, Volos, Greece (www.este.civ.uth.gr ; www.uth.gr)
▪ *Research field: Modelling the impact of quality of service indicators on user mode and route choices in transit networks*
- 2013 – 2014 **Master of Science in Information and Communications Systems- Intelligent Computer Systems**
Open University of Cyprus, Faculty of Pure and Applied Sciences, Latsia, Cyprus (<http://www.ouc.ac.cy>)
▪ *Research field: Computer Sciences*
- May 2012 **Short Term Scientific Mission (COST Action TU1004)**
Imperial College London, Department of Civil and Environmental Engineering, Centre for Transport Studies, London, UK
(<http://www3.imperial.ac.uk/cts>)
Research field: The impact of ITS in passenger perception on Quality of Service.

2010 **MSc-Equivalent Certificate in Spatial Planning and Development Engineering**
Aristotle University of Thessaloniki, Faculty of Urban and Spatial Planning Engineering, Greece (<http://www.auth.gr/en/plandevel>)

2005 – 2010 **5-year Diploma in Spatial Planning and Development Engineering**
Aristotle University of Thessaloniki, Faculty of Urban and Spatial Planning Engineering, Greece (<http://www.auth.gr/en/plandevel>)

PERSONAL SKILLS

Mother tongue **Greek**

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
Italian	A1 Basic user	A1 Basic user	A1 Basic user	A1 Basic user	A1 Basic user
Chinese	A1 Basic user	A1 Basic user	A1 Basic user	A1 Basic user	A1 Basic user

Communication skills Excellent communication skills gained through my experience as dissemination manager of the 7th European project City-HUB (www.cityhub-project.eu) (2012-to present), and as an organizing committee member of the 1st and the 2nd Conference on Sustainable Urban Mobility, organized by the Transportation Engineering Laboratory of the University of Thessaly (www.este.civ.uth.gr) .

- Personal characteristics**
- Professionalism
 - Self-motivated
 - Self-monitoring
 - Intellectual curiosity
 - Communication & management skills
 - Creative
 - Confident
 - Adaptable

- Computer skills**
- MS OFFICE (ECDL Degree holder)
 - MS WINDOWS (ECDL Degree holder)
 - INTERNET (ECDL Degree holder)
 - Mathematica
 - Visual Basic
 - C
 - C++
 - Java
 - JavaScript
 - Prolog
 - Python
 - Xml
 - Html
 - xhtml
 - PTV VISUM
 - PTV VISSIM
 - WEKA
 - SPSS
 - AutoCAD
 - ALLPLAN
 - ArcGIS
 - Photoshop

- Other skills**
- Piano, painting, swimming, surfing

- Driving licence**
- Passenger car (category B)

ADDITIONAL INFORMATION

- Research interests - expertise**
- Intelligent Transport Systems
 - Transit assignment modelling
 - Design and operation of urban transport interchanges
 - Intermodal passenger transportation
 - Public transportation
 - Sustainable urban development
 - Urban mobility planning
 - Quality of transit services

Memberships

- Member of the Organizing Committee of the 2nd Conference on Sustainable Urban Mobility, organized by the Transportation Engineering Laboratory of University of Thessaly and the Civil Engineer's Association of Magnesia, Vols, Greece, May 2014.
- Member of the Organizing Committee of the 1st Conference on Sustainable Urban Mobility, organized by the Transportation Engineering Laboratory, Department of Civil Engineering, University of Thessaly, Vols, Greece, December 2012
- Technical Chamber of Greece
- Alumni Association – University of Thessaly – Department of Civil Engineering – Postgraduate Students & PhD Candidates

PUBLICATIONS

Theses – dissertations

- **Maria Tsami** (2011- present) “Modelling the impact of quality of service indicators on user mode and route choices in transit networks”, PhD Dissertation, Department of Civil Engineering, University of Thessaly, Vols, Greece.
- **Maria Tsami** (2014). “Requirement analysis for the development of smart mobile application for transit trip planning, navigation and assistance based on personalized user preferences”, Master Thesis, Information and Communications Systems- Open University of Cyprus, Faculty of Pure and Applied Sciences, Latsia, Cyprus.
- **Maria Tsami** (2011). Bachelr Thesis, “Development of an Urban Mobility Plan for the Historical city centre of Thessaloniki, Greece” Department of Spatial Planning and Development Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece.

Scientific journals

Papagiannakis A., **Tsami M.**, 2012. «Enhance Accessibility in Traditional Districts: A case study of the “Upper Town” of Thessaloniki», Procedia - Social and Behavioral Sciences, Volume 48, pp. 3317–3327, doi: 10.1016/j.sbspro.2012.06.1297

Conference proceedings with peer review

- **Maria Tsami**, Eftihia Nathanail, 2014. “Examining Travelers “Optimal Strategies” in Transit trip Choices, applying a Classification Tree Approach on Transit Quality of Service Indicators”. OPT-i: International Conference on Engineering and Applied Sciences Optimization. Kos Island, Greece, 4-6 June 2014.
- Giannis Adamos, Eftihia Nathanail & **Maria Tsami**, 2014. “Designing sustainable urban transport interchanges”. 2nd Conference of Sustainable Urban Mobility, 05-06 May 2014, Vols, Greece.

- **Maria Tsami**, Eftihia Nathanail 2014. "A decision tree application in transit quality of service in the city of Vols". 2nd Conference of Sustainable Urban Mobility, 05-06 May 2014, Vols, Greece.
- **Maria Tsami**, Giannis Adamos & Eftihia Nathanail, 2014."Designing women friendly transport interchanges". 5th International Conference on Women's Issues in Transportation - Bridging the Gap, Paris - La Défense, France, 14-16 Apr 2014.
- **Maria Tsami**, Eftihia Nathanail, 2014. "Opening ground to female transit movements. Women's vs operator's perspective in transit quality of service. 5th International Conference on Women's Issues in Transportation - Bridging the Gap, Paris - La Défense, France, 14-16 Apr 2014.
- **Maria Tsami**, Giannis Adamos & Eftihia Nathanail, 2013. "Sustainable development for the design for the transformation of the Thessabniki's railway station into a city hub". European Transport Conference (ETC) 2013, Frankfurt, Germany, 30 September 2013 - 2 October 2013.
- **Maria Tsami**, **Giannis Adamos** & Eftihia Nathanail, 2013. "Investigating the accessibility level for disabled users at urban transport interchanges". International Conference on Reliability and Statistics in Transportation and Communication (RELSTAT'13), Riga, Latvia, 16-19 October 2013.
- **Maria Tsami**, Eftihia Nathanail & Giannis Adamos, 2013. "Designing urban transport interchanges: The case of Thessabniki railway station". International Conference on "Changing Cities": Spatial, morphological, formal & socio-economic dimensions. Skiathos Island, Greece, June 18-21, 2013.
- **Maria Tsami**, Giannis Adamos & Eftihia Nathanail, 2013. "Moving towards the development of sustainable transportation hubs in Europe: Investigating the role of soft modes in Thessabniki railway station reformation". 4th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013) & SECOTOX Conference, Mykonos Island, Greece, June 24-27, 2013.
- **Maria Tsami**, Konstantinos Papoutsis, Michael Gogas, Eftihia Nathanail, 2013. "Integrating spatial development planning of border-crossing points (BCPs): cross-case analysis between the case of Schengen and Russia - Belarus and the case of USA and Canada" 4th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013) & SECOTOX Conference, Mykonos Island, Greece, June, 24-27, 2013.
- **Tsami Maria**, Nathanail Eftihia, 2012. "Assessing the quality of service in public transport". 5th International Conference on Traffic and Transport Psychology, August 29-31, 2012, Groningen, Netherlands.
- **Tsami Maria**, Toskas John, 2012. "Guidelines for mobility management in traditional districts". 3d National Conference of Urban Planning and Regional Development, September 27-30 2012, Vols, Greece.

**Conference proceedings
with abstract peer review**

- Giannis Adamos & **Maria Tsami**, 2012. "Urban transportation hubs: The City-HUB project". 1st Hellenic Conference on Sustainable Urban Mobility, December 14 2012, Volos, Greece.
- Petamides Ch., Nathanail E., **Tsami M.**, (2012), "Innovative modelling for assessing driver behaviour towards information provision: A comparison between neural networks and discrete modelling route choice", Reliability and Statistics in Transportation and Communication International Conference, Riga, Latvia, October 17-20, 2012.

Reports/deliverables

- **Tsami M.**, Charalampidou S. & Nathanail E., 2014. "Mobility and information needs analysis in the urban area of Volos, Greece". Deliverable 3, Project "Intelligent Urban Mobility Information and Management System Towards Urban Sustainability in the City of Volos, Greece".
- Charalampidou S., **Tsami M.** & Nathanail E., 2014 "Current mobility conditions in the urban area of Volos, Greece". Deliverable 3, Project "Intelligent Urban Mobility Information and Management System Towards Urban Sustainability in the City of Volos, Greece".
- **Tsami M.** & Nathanail E., 2014 "State of the Art review". Deliverable 3, Project "Intelligent Urban Mobility Information and Management System Towards Urban Sustainability in the City of Volos, Greece".
- **Tsami M.** & Nathanail E., 2014 "Dissemination plan and Dissemination Material". Deliverable 3, Project "Intelligent Urban Mobility Information and Management System Towards Urban Sustainability in the City of Volos, Greece".
- Nathanail, E., Adamos, G & **Tsami, M.**, 2013. "Dissemination material IV". Deliverable D8.6, City-HUB Project.
- Nathanail, E., Adamos, G & **Tsami, M.**, 2014. "Report on conference presentations and publications I". Deliverable D8.8, City-HUB Project.
- Nathanail, E., Adamos, G & **Tsami, M.**, 2013. "Dissemination material II". Deliverable D8.4, City-HUB Project.
- Nathanail, E., Adamos, G & **Tsami, M.**, 2013. Dissemination material I. Deliverable D8.3, City-HUB Project.
- Nathanail, E., Adamos, G & **Tsami, M.**, 2012. "Dissemination Plan". Deliverable D8.1, City-HUB Project.
- Nathanail, E., Adamos, G & **Tsami, M.**, 2012. "Website". Deliverable D8.2, City-HUB Project.