






**PERSONAL INFORMATION**

**Maria T. Tsami**



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 [www.tsami.eu](http://www.tsami.eu) | [www.este.civ.uth.gr](http://www.este.civ.uth.gr) | [www.imet.gr](http://www.imet.gr)

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, Thessaloniki, Greece ([www.imet.gr](http://www.imet.gr); [www.certh.gr](http://www.certh.gr))**

- **«Open social transport network for urban approach to carpooling - SocialCar».**

Project co-funded by the European Union’s Horizon 2020 research and innovation programme. Assigned to the Hellenic Institute of Transport / Centre for Research and Technology Hellas by the European Commission.

*Activities and responsibilities:* a) Researcher, b) Development of the SocialCar system architecture, c) Risk assessment

- **“ IN LIFE: Independent Living support Functions for the Elderly”.**

Project co-funded by the European Union’s Horizon 2020 research and innovation programme. Assigned to the Hellenic Institute of Transport / Centre for Research and Technology Hellas by the European Commission.

*Activities and responsibilities:* a) Researcher, b) Determination of the TRIP test protocol in geographic and topographic level for elderly drivers

- **“RESOLUTE: RESilience management guidelines and Operationalization applied to Urban Transport Environment”.**

Project co-funded by the European Union’s Horizon 2020 research and innovation programme. Assigned to the Hellenic Institute of Transport / Centre for Research and Technology Hellas by the European Commission.

*Activities and responsibilities:* a) Researcher, b) State of the art and literature review and assessment, review of guidelines, methodologies and educational tools. Assessment of risk management and resilience of urban infrastructures.

- **“e-drive Academy”.**

Project funded by the Hellenic Ministry of Infrastructure, Transport and Networks.

*Activities and responsibilities:* a) Researcher, b) Development of road safety material (books for students and professional drivers, parents and school professors, online games and storyboards) for secondary education students and professional drivers.

- **“City-HUB”.**

Collaborative project under the 7<sup>th</sup> 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 7<sup>th</sup> 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, Volos, Greece  
([www.este.civ.uth.gr](http://www.este.civ.uth.gr) ; [www.uth.gr](http://www.uth.gr))**

- **"i-mobi Vobs - Information Mobility Platform in the city of Volos".**  
Targeted Research Program, assigned to TEL by the Research Committee of University of Thessaly, 2013-2015. i-mobi VOLOS aims at developing an Intelligent Mobility Platform informing commuters for all available modes, routes and timetables, and a combination of them, under real-time information provision.  
  
*Activities and responsibilities: a) Main Researcher (<http://imobivobs.uth.gr>)*
  
- **"TUD COST Action TU1305: Social networks and travel behavior".**  
European Cooperation in Science and Technology – COST, supported by the EU RTD Framework Programme, 2014-2018.  
  
*Activities and responsibilities: Working Group Member.*
  
- **"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, 2010-2015.  
  
*Activities and responsibilities: Working Group Member.*
  
- **"A Study on Integrated Border Crossing Points Management between Schengen Area and Russia/Belarus".**  
Europeaid, EU — Assistance Projects - World Trade Organization, 2011.  
  
*Activities and responsibilities: a) Researcher, b) 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; c) Assessment of opportunities for integrated BCP management between the Schengen area and Russia/Belarus; d) Identification of a list of road BCPs on the Schengen countries -Russia/Belarus border that are vitally requiring improvements, e) Spatial planning and management of border crossing points; f) Development of seamless mobility alternative scenarios for integrated border crossing points scenarios including single window scenarios.*
  
- **"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.*

November 2011–  
present

### Teaching assistant

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

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

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

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

*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

- **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

*Activities and responsibilities: a) AutoCAD building designs, b) ALLPLAN building designs.*

## EDUCATION AND TRAINING

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- 2011 – to present **Doctor of Philosophy candidate (PhD cand.)**  
Department of Civil Engineering, University of Thessaly, Pedion Areos, 38334, Volos, Greece ([www.este.civ.uth.gr](http://www.este.civ.uth.gr) ; [www.uth.gr](http://www.uth.gr))
- Research field: *Modelling the impact of quality of service indicators on user mode and route choices in transit networks.*
  - Level in international classification: Level 6 (ISCED 1997, UNESCO).
- 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
  - Level in international classification: Level 5A (ISCED 1997, UNESCO).
- 05-07 May 2014 **Training School on Modelling Public Transport Passenger Flows in the Era of Intelligent Transport Systems**  
Volos, Greece
- 22- 25 April 2013 ▪ **TransITS Training school on transit assignment/ VISUM**  
Martin-Niemöller-Haus, Frankfurt, Germany
- 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	
<b>English</b>	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user
<b>Italian</b>	A1 Basic user	A1 Basic user	A1 Basic user	A1 Basic user	A1 Basic user
<b>Chinese</b>	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 7<sup>th</sup> European project City-HUB ([www.cityhub-project.eu](http://www.cityhub-project.eu)) (2012-to present), and as an organizing committee member of the 1<sup>st</sup> and the 2<sup>nd</sup> Conference on Sustainable Urban Mobility, organized by the Transportation Engineering Laboratory of the University of Thessaly ([www.este.civ.uth.gr](http://www.este.civ.uth.gr)). During my studies I have also worked part time in many promotion companies and for branded market products.

Personal characteristics

- ✓ Professionalism
- ✓ Self - motivated
- ✓ Self - monitoring
- ✓ Intellectual curiosity
- ✓ Communication & management skills
- ✓ Creative
- ✓ Confident
- ✓ Adaptable
- ✓ Team player

## COMPUTER SKILLS

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Computer	MS OFFICE (ECDL Degree holder) MS WINDOWS (ECDL Degree holder) INTERNET (ECDL Degree holder) IOS
Programming	Mathematica Visual Basic C C++ Java JavaScript Prolog Python
Web	xml html xhtml
Transportation	VISUM VISSIM
Data analysis	WEKA SPSS
Planning & Design	AutoCAD ALLPLAN ArcGIS Photoshop
Other skills	▪ Piano, painting, sailing, surfing, windsurfing, swimming, horse riding, modern and acrobatic dance, photography.
Driving licence	▪ Passenger car (category B)

## ADDITIONAL INFORMATION

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### 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 Society for Macedonian Studies
- Technical Chamber of Greece
- Reviewer 2015 IEEE 18th International Conference on Intelligent Transportation Systems
- Reviewer 2014 17th International IEEE Conference on Intelligent Transportation Systems
- Alumni Association – University of Thessaly – Department of Civil Engineering – Postgraduate Students & PhD Candidates
- Member of the Organizing Committee of the 2<sup>nd</sup> 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 1<sup>st</sup> Conference on Sustainable Urban Mobility, organized by the Transportation Engineering Laboratory, Department of Civil Engineering, University of Thessaly, Vols, Greece, December 2012

## PUBLICATIONS

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### Theses – dissertations

1. **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.
2. **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.
3. **Maria Tsami** (2011). Bachelor 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

1. 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

1. Bekiaris E., **Tsami M.**, 2016. A “greening” mobility framework towards sustainability. 3<sup>rd</sup> Conference on Sustainable Urban Mobility, Vols, Greece, 26-27 May 2016.
2. Gaitanidou E., **Tsami M.**, Bekiaris E., 2016. A review of resilience management applications in the transport sector. 3<sup>rd</sup> Conference on Sustainable Urban Mobility, Vols, Greece, 26-27 May 2016.
3. Bekiaris E., **Tsami M.**, 2015. Clean vehicles, innovative solutions and best practices. 2<sup>nd</sup> International Conference: Greening the Islands, Integrated sustainability energy & water for islands and remote locations. Malta, 29-30 October, 2015.
4. **M. Tsami**, G. Adamos and E. Nathanail, 2015. Transport Interchange Design: Analyzing the case of the New Railway Station of Thessaloniki. International Conference on Changing Cities 2. Spatial, Design, Landscape & Socio-economic Dimensions. Porto Heli, Peloponnese-Greece, 22-26 June 2015.
5. G. Adamos, E. Nathanail, **M. Tsami**, 2015. Urban interchanges: Moving towards a seamless transportation solution. Fifth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2015) & SECOTOX Conference. Mykonos island, Greece, 14-18 June, 2015.
6. George A. Giannopoulos, **Maria T. Tsami** & Eftihia G. Nathanail, “Defining Common Goals For Future Intermodal Mobility”, Transportation Research Board 94<sup>th</sup> Annual Meeting, Washington, D.C., January 11-15, 2015
7. Prof. G. A. Giannopoulos, **M. T. Tsami**, 2014. DEFINING COMMON GOALS FOR FUTURE INTERMODAL MOBILITY. Mobility Convention 2014: Transportation of tomorrow, enabling smarter intermodality, Cologne, 6-7<sup>th</sup> November 2014.
8. **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.
9. Giannis Adamos, Eftihia Nathanail & **Maria Tsami**, 2014. “Designing sustainable urban transport interchanges”. 2<sup>nd</sup> Conference of Sustainable Urban Mobility, 05-06 May 2014, Vols, Greece.

10. **Maria Tsami**, Eftihia Nathanail 2014. "A decision tree application in transit quality of service in the city of Volos". 2nd Conference of Sustainable Urban Mobility, 05-06 May 2014, Volos, Greece.
11. **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.
12. **Maria Tsami**, 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.
13. **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 April 2014.
14. **Maria Tsami**, Giannis Adamos & Eftihia Nathanail, 2013. "Sustainable development for the design for the transformation of the Thessaloniki's railway station into a city hub". European Transport Conference (ETC) 2013, Frankfurt, Germany, 30 September 2013 - 2 October 2013.
15. **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.
16. **Maria Tsami**, Eftihia Nathanail & Giannis Adamos, 2013. "Designing urban transport interchanges: The case of Thessaloniki railway station". International Conference on "Changing Cities": Spatial, morphological, formal & socio-economic dimensions. Skiathos Island, Greece, June 18-21, 2013.
17. **Maria Tsami**, Giannis Adamos & Eftihia Nathanail, 2013. "Moving towards the development of sustainable transportation hubs in Europe: Investigating the role of soft modes in Thessaloniki railway station reformation". 4th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013) & SECOTOX Conference, Mykonos Island, Greece, June 24-27, 2013.
18. **Maria Tsami**, Giannis Adamos, Eftihia Nathanail, 2013. "Sustainable development design for the transformation of the Thessaloniki Railway Station into a city hub". European Transport Conference, 30 September 2013 — 02 October 2013, Frankfurt, Germany. Adamos John, Tsami Maria, 2012. "Urban Transport Interchanges. The European project: City-Hub." 1st Hellenic Conference on Sustainable Urban Mobility, December 14, 2012, Volos, Greece.
19. **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.
20. **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, Volos, Greece.

21. **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.
22. **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.

#### Conference proceedings with abstract peer review

1. **Maria Tsami**, Giannis Adamos & Eftihia Nathanail, 2014. "Evaluating travellers' level of satisfaction at a Greek urban transportation hub".? Reliability and Statistics in Transportation and Communication International Conference, Riga, Latvia, October 14-18, 2014.
2. Giannis Adamos & **Maria Tsami**, 2012. "Urban transportation hubs: The City-HUB project". 1st Hellenic Conference on Sustainable Urban Mobility, December 14 2012, Volos, Greece.

#### Chapters in Books

1. Andrés Monzón, Floridea Di Ciommo, Sara Hernández, Eftihia Nathanail, Giannis Adamos, **Maria Tsami**, Ricardo Poppeliers, Odile Heddebaout, Tuuli Jarvi, Marko Nokkala, Juno Kostainen, Derek Palmer, Clare Harmer, Katie Millard, Jardar Andersen, Petter Christiansen, Albert Gabor, Adam Pusztai, Almos Virag, Jan Spousta, 2015. CITY-HUBs: Sustainable and Efficient Urban Transport Interchanges. Taylor and Francis Group, 2016. ISBN 9781498740845.

#### Reports/deliverables

1. Pedro Ferreira, Anabela Simões, Jan-Paul Leuteritz, Evangelia Gaitanidou, **Maria Tsami**, Anastasios Drosou, Francesco Archetti , 2016. "State of the art review and assessment report". Deliverable D2.1, RESOLUTE project.
2. Monzón, A., Di Ciommo, F., Hernández, S., Nathanail, E., Adamos, G, **Tsami, M.**, Poppeliers, R., Heddebaout, O., Jarvi, T., Nokkala, M., Kostainen, J., Palmer, D., Harmer, C., Millard, K., Andersen, J., Christiansen, P., Gabor, A., Pusztai, A., Virag, A., Spousta, J., 2015. "City-HUB Handbook". Deliverable D5.2, City-HUB Project.
3. Nathanail, E., Adamos, G & **Tsami, M.**, 2015. "Dissemination material V". Deliverable D8.7, City-HUB Project.
4. Nathanail, E., Adamos, G & **Tsami, M.**, 2015. "Report on conference presentations and publications II". Deliverable D8.9, City-HUB Project.
5. Charalampidou S., Nathanail E., Adamos G, **Tsami M.**, 2015. "Project and Portal Evaluation". Deliverable 6, Project "Intelligent Urban Mobility Information and Management System Towards Urban Sustainability in the City of Volos, Greece".

6. Charalampidou S., Nathanail E., Adamos G, **Tsami M.**, 2015. "Training". Deliverable 5, Project "Intelligent Urban Mobility Information and Management System Towards Urban Sustainability in the City of Vols, Greece".
7. Charalampidou S., Nathanail E., **Tsami M.**, Meikopoubs O., Papa E., 2015. "Development and Operation of the Intelligent Urban Mobility Portal-<http://imobivolos.uth.gr/>". Deliverable 4, Project "Intelligent Urban Mobility Information and Management System Towards Urban Sustainability in the City of Vols, Greece".
8. Nathanail, E., Adamos, G & **Tsami, M.**, 2014. "Dissemination material IV". Deliverable D8.6, City-HUB Project.
9. Nathanail, E., Adamos, G & **Tsami, M.**, 2014. "Dissemination material III". Deliverable D8.5, City-HUB Project.
10. Nathanail, E., Adamos, G & **Tsami, M.**, 2014. "Report on conference presentations and publications I". Deliverable D8.8, City-HUB Project.
11. **Tsami M.** & Nathanail E., 2014 "Dissemination plan and Dissemination Material". Deliverable 7, Project "Intelligent Urban Mobility Information and Management System Towards Urban Sustainability in the City of Vols, Greece".
12. **Tsami M.**, Charalampidou S. & Nathanail E., 2014. "Mobility and information needs analysis in the urban area of Vols, Greece". Deliverable 3, Project "Intelligent Urban Mobility Information and Management System Towards Urban Sustainability in the City of Vols, Greece".
13. Charalampidou S., **Tsami M.** & Nathanail E., 2014 "Current mobility conditions in the urban area of Vols, Greece". Deliverable 2, Project "Intelligent Urban Mobility Information and Management System Towards Urban Sustainability in the City of Vols, Greece".
14. Nathanail, E., Adamos, G & **Tsami, M.**, 2013. "Dissemination material II". Deliverable D8.4, City-HUB Project.
15. Nathanail, E., Adamos, G & **Tsami, M.**, 2013. Dissemination material I. Deliverable D8.3, City-HUB Project.
16. **Tsami M.** & Nathanail E., 2013 "State of the Art review". Deliverable 1, Project "Intelligent Urban Mobility Information and Management System Towards Urban Sustainability in the City of Vols, Greece".
17. Nathanail, E., Adamos, G & **Tsami, M.**, 2012. "Dissemination Plan". Deliverable D8.1, City-HUB Project.
18. Nathanail, E., Adamos, G & **Tsami, M.**, 2012. "Website". Deliverable D8.2, City-HUB Project.