

PERSONAL INFORMATION

Dr. Maria Th. Tsami



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CURRENT POSITIONS

Visiting Professor – Course: “Maritime Economics”

University of Macedonia, School of Economics and Regional Studies, Department of Economics, 156 Egnatia Street, GR-546 36 Thessaloniki, Greece

Freelancer Engineer – Urban & Transportation Planner

33 Zacharia Papantoniou str., 54248, Thessaloniki, Greece

COST - European Cooperation in Science and Technology - External Expert & Working Group Member in Actions:

CA20109: Modular Energy Islands for Sustainability and Resilience (MODENERLANDS)

CA19107: Unifying Approaches to Marine Connectivity for improved Resource Management for the Seas (SEA-UNICORN)

CA19124: Rethinking Packaging for Circular and Sustainable Food Supply Chains of the Future (CIRCUL-A-BILITY)

CA21158: Enhancing Small-Medium Islands resilience by securing the sustainability of Ecosystem Services (SMILES)

CA22122: Rethinking the Blue Economy: Socio-Ecological Impacts and Opportunities (RethinkBlue)

Women on Top – Mentor

WORK EXPERIENCE

October 2023-
Today

Visiting Professor

University of Macedonia, School of Economics and Regional Studies,
Department of Economics, 156 Egnatia Street, GR-546 36 Thessaloniki,
Greece

Course:

“Maritime Economics”

Fall Semester, Year of study: 3rd/4th

October 2020-
October 2023

Teaching Instructor

University of Macedonia, School of Economics and Regional Studies,
Department of Economics, 156 Egnatia Street, GR-546 36 Thessaloniki,
Greece

Courses:

“Maritime Economics”

Fall Semester, Year of study: 3rd/4th

“Supply Chain & Logistics”

Spring Semester, Year of study: 3rd/4th

“Transport Economics”

Spring Semester, Year of study: 3rd/4th

February
2022-
June 2022

Visiting Lecturer

Frederick University, Department of Civil Engineering, 7 Y. Frederickou
Str., Pallouriotisa, 1036, Nicosia, Cyprus.

Course:

“Transportation Engineering”

Spring Semester, Year of study: 3rd

Member of COST Actions- European Cooperation in Science and Technology

- **Action CA20109: Modular Energy Islands for Sustainability and Resilience (MODENERLANDS)**

Member of WG 3. NETWORK, ENERGY STORAGE and RESILIENCE ANALYSIS

- **Action CA19107: Unifying Approaches to Marine Connectivity for improved Resource Management for the Seas (SEA-UNICORN)**

Member of WG 2. Incorporating Marine Functional Connectivity knowledge into forecasting, WG 3. Producing relevant Marine Functional Connectivity data for management and policy-making and WG4. Promoting awareness on Marine Functional Connectivity and its ecological and economic importance

- **Action CA19124: Rethinking Packaging for Circular and Sustainable Food Supply Chains of the Future (CIRCUL-A-BILITY)**

Member of WG 1. Fruits and Vegetables, WG 2. Fish and Meat, WG 3. Dairy (and alternatives) products, WG 4. Cereal and confectionary and WG 5. Dissemination, Communication and Stakeholder Engagement.

- **CA21158: Enhancing Small-Medium Islands resilience by securing the sustainability of Ecosystem Services (SMILES)**

Member of WG3. Effects of Land use and climate changes (LU/CC) on ES, WG4. Nature-based solutions (NbS) for safeguarding ES of small-medium islands, WG5. Policy and Governance of Small-Medium Islands for ES provision, WG6. Dissemination, Participatory and user-centered design processes.

- **CA22122: Rethinking the Blue Economy: Socio-Ecological Impacts and Opportunities (RethinkBlue)**

Member of WG3. Port cities & coastal communities and WG5. Climate change & natural hazards

December
2019–
February 2022

Post-Doctoral Research Associate – HEAD of Laboratory D1: Intelligent and personalized algorithms for combined transport and tourism services

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

- **“Security, Safety and Comfort Monitoring in AV Cabin (SESAMI)”**

Services Project (Subcontract). Assigned to the Hellenic Institute of Transport / Centre for Research and Technology Hellas.

Activities and responsibilities: Support cost analysis of the proposed solutions in order to monitor the safety and comfort of passengers in the autonomous vehicle cabin (D1.3).

- **“Autonomous Vehicles to Evolve to a New Urban Experience (AVENUE)”**

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

Activities and responsibilities: Evaluation of the application of innovative technological solutions and services in pilot tests for the development of vehicle - road infrastructure communication system. Support of cost-benefit analysis for the development of innovative business models for the integration of the selected technological solutions in the field of transport and specifically in the application of autonomous vehicles as Public Transport (WP9). Support dissemination actions of the project results (WP10). Support the development of the final plan for the management and protection of sensitive and personal data within the project. Assistance in the development and submission of the relevant periodic reports on all the above issues that arise etc. during the project (WP1).

- **“Strengthening synergies between Aviation and maritime in the area of human Factors towards achieving more Efficient and resilient MODE of transportation (SAFEMODE)”**

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

Activities and responsibilities: Support the evaluation and validation of risk assessment models developed in the context of the project for the maritime transport sector, which aim to minimize the error caused by the human factor. Support the process of integrating the findings from the case cases (domain case studies) in the framework of HURID (HUMAN Risk Informed Design) and formulation of the practical guide to the end users. Support the implementation of the Communication Strategy and the actions of diffusion and utilization of the results of the project. Support the implementation of the stakeholder analysis and involvement strategy of the relevant stakeholders.

- **“BIODIVERSITY AND INFRASTRUCTURE SYNERGIES AND OPPORTUNITIES FOR EUROPEAN TRANSPORT NETWORKS (BISON)”**

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

Activities and responsibilities: Identification and involvement of relevant stakeholders for the dissemination and utilization of the project results. Identification of needs, best practices and possible solutions for the support and integration of biodiversity protection in future transport and infrastructure projects. Participation in management and quality assurance of project results, development of relevant policies in the context of the future European Biodiversity Strategy in the field of transport.

- **“SHared automation Operating models for Worldwide adoption (SHOW)”**.

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

Activities and responsibilities: Participation in capturing the operational needs of the users. System requirements and Use Cases identification. Developments of personalized services for the end users. Risk assessment. Support real-time pilot testing and data analysis. Project technical management support and project results dissemination.

- **“ Infrastructure for the Future (infra4DFuture)”**.

Project co-funded by the European Union’s Horizon 2020, Coordination and Support Action. Assigned to the Hellenic Institute of Transport / Centre for Research and Technology Hellas by the European Commission.

Activities and responsibilities: Participation in the implementation of the communication strategy and quality control of the project results. Coordination of actions for the dissemination of the research results of the project (Pre-Launch Event, TEN-T Days 2020). Participation in risk assessment in relation to the involvement and participation of stakeholders and taking measures to approach them.

November
2012–
December
2019

Research Associate

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

- **“ Mobility as a Service in a multimodal European cross-border corridor (MyCorridor)”**.

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: Participation in pilot applications results evaluation. Development of innovative business models by adopting personalized services in transport (Mobility Services Aggregator) and based on pilot findings. Participation in project dissemination and exploitation activities. Support project management and manage the advisory board of experts activities/involvement.

- **“An integrated Parking-as-a-Service platform for facilitating search of vacant parking lots based on crowd-sourced Information (SocialPARK)”.**

General Secretariat for Research and Technology, 2018-2020. National project co-funded by National and European Union’s funds.

Activities and responsibilities: Participation in capturing the operational needs of the users. System requirements and Use Cases identification. Support management of parking availability data by and for citizens, citizen groups, businesses or public entities wishing to use parking services through the platform. Participation in the development of the necessary support services to provide parking as a service. Support in integrating all services on one platform as well as in the pilot implementation of the platform in the Municipality of Thessaloniki.

- **“AUTOMated driving Progressed by Internet Of Things (AUTOPILOT)”.**

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: Coordination, monitoring and evaluation of the functionality and impact of the project pilots.

- **“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: Development of the SocialCar system architecture. Risk assessment.

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

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: Determination of the TRIP test protocol in geographic and topographic level for elderly drivers.

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

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: 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: 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 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: Development of an operational framework for urban transport interchanges. Project dissemination management. Project website and social media management.

- **“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: Final deliverables preparation. Website updating.

May 2011 –
December 2019

Research associate

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

- **“Enhancing excellence and innovation capacity in sustainable transport interchanges (ALLIANCE)”**

European Commission, HORIZON 2020 TWINN-2015, 2016-2018. Assigned to University of Thessaly by the European Commission.

Activities and responsibilities: Member of the Young Researchers Group of the project.

- **“i-mobi Volos - 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: Projects’ main researcher.

- **“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: 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. Assessment of opportunities for integrated BCP management between the Schengen area and Russia/Belarus. Identification of a list of road BCPs on the Schengen countries - Russia/Belarus border that are vitally requiring improvements. Spatial planning and management of border crossing points. Development of seamless mobility alternative scenarios for integrated border crossing points scenarios including single window scenarios.

- **“INTEGRATED ROAD SAFETY SYSTEM WITH APPLICATION OF ADVANCED TECHNOLOGIES FOR MONITORING, WARNING AND INFORMING DRIVERS”**

University of Thessaly, General Secretariat for Research and Technological Development, Ministry of Education.

Activities and responsibilities: Research on traveler behavior. Information scenarios development. Discrete choice and neural network modelling.

- **“Campaigns and awareness-raising strategies in traffic safety (CAST)”**

European (6th RTD Framework Programme)

Activities and responsibilities: Preparation and operation of actions in the context of road safety in public transport. Investigation of methods to improve road safety in public transport. Development of optimization models considering the effectiveness of road safety management. Documentation of research results.

April 2016-
January 2017

Participation in technical study- Volunteering support

**Preliminary Traffic Study of the Municipal Community of Chalastra (center)
"Proposals for Improving Traffic and Mobility Conditions and Regulations in the
Municipality of Chalastra and for Improving Quality of Life "**

Activities and responsibilities: Co-author of the study

January 2007-
December
2009

Work experience as fellow engineer in parallel with studies

Thessabniki's Integrated Transport Authority

- **Study for "Bicycle use in Thessabniki, Greece" (2009).**

Thessaloniki's Urban transport Authority, Aristotle University of Thessabniki-
Department of Spatial Planning and Development.

Activities and responsibilities: Survey implementation. Data collection and
Analysis

- **Study for "Assessing public transport ridership in Thessaloniki"
(2008).**

Activities and responsibilities: Survey implementation. Data collection and
Analysis.

January 2006-
December 2006

- **TEMKA- Construction company**

Activities and responsibilities: AutoCAD building designs. ALLPLAN building designs.

GRANTS- SCHOLARSHIPS

- 2022-2023 **Scholarship from the NSRF program entitled "Acquisition of Academic Teaching Experience in Young Scientists Holding a Doctorate 2022-2023"**
Department of Economics, University of Macedonia. Business Program Human Resources Development, Education and Lifelong Learning
- 2021-2022 **Scholarship from the NSRF program entitled "Acquisition of Academic Teaching Experience in Young Scientists Holding a Doctorate 2021-2022"**
Department of Economics, University of Macedonia. Business Program Human Resources Development, Education and Lifelong Learning
- 2020-2021 **Scholarship from the NSRF program entitled "Acquisition of Academic Teaching Experience in Young Scientists Holding a Doctorate 2020-2021"**
Department of Economics, University of Macedonia. Business Program Human Resources Development, Education and Lifelong Learning
- 2013-2015 **Targeted research action of young researchers "Intelligent Urban Mobility Management System for the Improvement of the Urban Environment in the Urban Complex of Volos"**
Research Committee of the University of Thessaly (2013-2015)
- 2011 **Scholarship in the frame of the FP6 European-funded project "Campaigns and Awareness-raising Strategies in Traffic Safety - CAST" (project code 3419C)**
Department of Civil Engineering, University of Thessaly, Pedion Areos, 38334, Volos, Greece (www.este.civ.uth.gr ; www.uth.gr)
- 2005 **1st (higher score) in the series of admissions through the National Examinations in the Department of Spatial Planning and Development Engineering of AUTH**

ACADEMIC EXPERIENCE

October 2023- Today

Visiting Professor

Department of Economics, School of Economics and Regional Studies, University of Macedonia, 156 Egnatia Street, GR-54636, Thessaloniki, Greece (www.uom.gr)

■ Teaching course: “**Maritime Economics**”. Undergraduate Program of the Department of Economics.

Activities and responsibilities: Teaching instructor. Students support and course examination.

October 2020- October 2023

Teaching instructor

Department of Economics, School of Economics and Regional Studies, University of Macedonia, 156 Egnatia Street, GR-54636, Thessaloniki, Greece (www.uom.gr)

■ Teaching course: “**Maritime Economics**”. Undergraduate Program of the Department of Economics.

Activities and responsibilities: Teaching instructor. Students support and course examination.

■ Teaching course: “**Supply Chain and Logistics**”. Undergraduate Program of the Department of Economics.

Activities and responsibilities: Teaching instructor. Students support and course examination.

■ Teaching course: “**Transport Economics**”. Undergraduate Program of the Department of Economics.

Activities and responsibilities: Teaching instructor. Students support and course examination.

February 2022–
September 2022

Visiting Lecturer

Frederick University, Department of Civil Engineering, 7 Y. Frederickou Str., Pallouriotisa, 1036, Nicosia, Cyprus (www.frederick.ac.cy)

■ Teaching course: “**Transportation Engineering**”. Undergraduate Program of the Department of Civil Engineering.

Activities and responsibilities: Teaching instructor. Students support and course examination.

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: Teaching assistant. 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: Teaching assistant. Assistant supervisor in diploma theses of undergraduate studies and master theses.

Supervisor of Diploma Theses (3-member Committee)

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

- Fourkas Spyros, Mesionis Giorgos (2016): Formulation of a transportation model for the urban agglomeration of city of Volos.
- Siozou Lefki, Ntaseniou Georgia (2013): Simulation of traffic impacts of transportation infrastructure interventions in the city of Ioannina.

EDUCATION & TRAINING

2019

Doctor of Philosophy (PhD)

Department of Civil Engineering, University of Thessaly, Pedion Areos, 38334,

Volos, Greece (www.este.civ.uth.gr ; www.uth.gr)

- Research Topic: “*Modeling the impact of transit quality of service on user mode and route choices*”
- Level in international classification: Level 6 (ISCED 1997, UNESCO).

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	<p>Training School on Modelling Public Transport Passenger Flows in the Era of Intelligent Transport Systems Vols, Greece</p>
22- 25 April 2013	<p>■ TransITS Training school on transit assignment/ VISUM Martin-Niemöller-Haus, Frankfurt, Germany</p>
May 2012	<p>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)</p> <p>■ Research field: The impact of ITS in passenger perception on Quality of Service.</p>
2010	<p>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/plandevl)</p>
2010	<p>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/plandevl)</p>

PERSONAL SKILLS

Mother tongue

Greek

Other language(s)

English

Understanding
C2 Proficient user

Speaking
C2 Proficient user

Reading
C2 Proficient user

Writing
C2 Proficient user

Spoken Interaction
C2 Proficient user

Italian

B1 Intermediate user

A2 Elementary user

B1 Intermediate user

A1 Basic user

A2 Elementary user

Chinese

A1 Basic user

A1 Basic user

A1 Basic user

A1 Basic user

A1 Basic user

COMPUTER SKILLS

Computer	<ul style="list-style-type: none"> • MS OFFICE (ECDL Degree holder) • MS WINDOWS (ECDL Degree holder) • INTERNET (ECDL Degree holder) • IOS 	Transportation	<ul style="list-style-type: none"> • VISUM • VISSIM
Programming	<ul style="list-style-type: none"> • Mathematica • Visual Basic • C & C++ • Java & JavaScript • Prolog • Python 	Data analysis	<ul style="list-style-type: none"> • WEKA • SPSS
Web	<ul style="list-style-type: none"> • xml - html -xhtml 	Planning & Design	<ul style="list-style-type: none"> • AutoCAD • ALLPLAN • ArcGIS • Photoshop

Communication skills

Excellent communication skills gained through my experience as member of the dissemination manager team in a number of EU funded projects (i.e. i4Df, City-HUB etc.). Additionally, communication skills gained through my participation as organizing committee member in a number of conferences and events. Finally, I also have working experience in a number of promotion companies and branded market products.

Personal characteristics

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

Other skills

Sailing, windsurfing, poetry (with national & international distinctions), painting, modern dance.

Driving licence

Passenger car (category B)

Research interests - expertise

- Machine Learning Algorithms in Transport Applications
- Personalized solution-finding Algorithms
- Decision Support Frameworks and Solutions
- Transportation and Urban Mobility Planning
- Sustainable & Resilient Urban Development
- Intelligent Transport Systems
- Transit Assignment Modelling
- Design and Operation of Urban Transport Interchanges
- Intermodal Passenger Transportation
- Public Transportation Planning, Services, Solutions and Quality
- Soft Modes of Transport
- Mobility as a Service
- Supply Chain and Logistics
- Transport and Tourism services
- Transport and Maritime Economics

Memberships

- Member of the Society for Macedonian Studies.
- Member of the Technical Chamber of Greece.
- Member of the Hellenic Institute of Transportation Engineers (HITE).
- Mentor of the Women on Top organization.
- Member of the Offshore Nautical Club of Thessaloniki.
- Alumni of the University of Thessaly; the Open University of Cyprus and the Aristotle University of Thessaloniki.
- Reviewer of the Universal Journal of Management (ISSN: 2331-950X (Print))

PUBLICATIONS

Theses – dissertations

1. **Maria Tsami** (2019) “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, Volos, 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 Communication Computer Systems, Open University of Cyprus, Faculty of Pure and Applied Sciences, Latsia, Cyprus.
3. **Maria Tsami** (2010). 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. **Tsami, M.**, Giannakari, O., Panou, M., Papandreou, M. (2022). "Development of Advanced, Safe and Sustainable Micro-mobility Solutions". In: Kabashkin, I., Yatskiv, I., Prentkovskis, O. (eds). Lecture Notes in Networks and Systems, vol 410. Springer, Cham. https://doi.org/10.1007/978-3-030-96196-1_32.
2. Giannakari, O., **Tsami, M.**, Panou, M., Papandreou, M. (2022). "Best Practices of E-Scooters' Operation Across Europe". In: Kabashkin, I., Yatskiv, I., Prentkovskis, O. (eds). Lecture Notes in Networks and Systems, vol 410. Springer, Cham. https://doi.org/10.1007/978-3-030-96196-1_31.
3. **Tsami, M.**, & Bekiaris, E. (2022). Enhancing Mobility as a Service (MaaS) concept through Social Interaction and Crowdsourcing applications. *Ekistics and The New Habitat*, 81(1), 25- 27. <https://doi.org/10.53910/26531313-E2021811507>.
4. **Tsami M.**, Nathanail E. (2021) Gender Impact on Transit Quality of Service Importance and Performance Assessment. *Advances in Intelligent Systems and Computing*, vol 1278. Springer, Cham. https://doi.org/10.1007/978-3-030-61075-3_1
5. Adamos G., Nathanail E., Budilovich E., Yatskiv I., **Tsami M.** (2019). Measuring Travellers' and Stakeholders' Satisfaction on Perceived Sustainability of a Transport Interchange. *Transport and Telecommunication Journal* 20 (4), 379-388.
6. Magginas V., Nathanail E., Adamos G., **Tsami M.**, Yatskiv (Jackiva) I., Budilovich (Budiloviča) E. (2019) Environmental Friendly Transport Interchanges: Active Travel Accessibility and Policy. *Lecture Notes in Networks and Systems*, vol 68. Springer, Cham
7. Budilovich (Budiloviča) E., Magginas V., Adamos G., Yatskiv (Jackiva) I., **Tsami M.** (2019) Investigating the Accessibility Level in Riga's International Coach Terminal: A Comparative Analysis with European Interchanges. *Data Analytics: Paving the Way to Sustainable Urban Mobility. Advances in Intelligent Systems and Computing*, vol 879. Springer, Cham.
8. **Tsami Maria**, Adamos Giannis, Nathanail Eftihia, Evelina Budilovich (Budiloviča), Yatskiv (Jackiva) Irina & Magginas Vissarion (2018). "A decision tree approach for achieving high customer satisfaction at urban interchanges", *Special Issue of the Transport and Telecommunication Journal "Sustainable Transport Interchanges"*, De Gruyter, 19(3), pp. 194-202. doi:10.2478/ttj-2018-0016.
9. Nathanail Eftihia, Adamos Giannis, **Maria Tsami** & Yatskiv (Jackiva) Irina (2018). "Green urban interchanges: stakeholder and user perspectives", *Special Issue of the Transport and Telecommunication Journal "Sustainable Transport Interchanges"*, De Gruyter, 19(3), pp. 183-193. doi:10.2478/ttj-2018-0015.
10. **Tsami M.**, Budilovich (Budiloviča) E., Magginas V., Adamos G., Yatskiv (Jackiva) I. (2018) Assessing the Design and Operation of Riga's International Coach Terminal. *Lecture Notes in Networks and Systems*, vol 36. Springer, Cham.

11. **M Tsami**, E Nathanail (2017). Guidance Provision for Increasing Quality of Service of Public Transport. *Procedia Engineering*, Volume 178, 2017, Pages 551-557.
12. E Gaitanidou, **M Tsami**, E Bekiaris (2017). A review of resilience management application tools in the transport sector. *Transportation Research Procedia*, Volume 24, 2017, Pages 235-240.
13. E Bekiaris, **M Tsami**, M Panou (2017). A “Greening Mobility” framework towards sustainability. *Transportation Research Procedia*, Volume 24, 2017, Pages 131-136.
14. 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.

Chapters in Books

1. Joao de Abreau e Silva, Giannis Adamos, Domokos Esztergar-Kiss, Jasna Mariotti, **Maria Tsami** and Mario Cools, (2020). “Travel behaviour and social networks interactions with the urban environment, a review”, in book “Digital Social Networks and Travel Behaviour in Urban Environments” PART II The urban perspective of information and communication technology social networks and travel behavior. Editors Pnina O. Plaut and Dalit Shach-Pinsly. (2020). Taylor & Francies. ISBN: 978-1-138-59463-0 (hbk) ISBN: 978-0-429-48871-9 (ebk).
2. Bekiaris E., Gaitanidou E., **Tsami M.**, Gemou M., Iakovidis G., Symeonidis, I., Tsioutras A., (2016). “Getting ready to be driver- Senior high school students”. E-drive Academy. Greek Ministry of Infrastructure, Transport and Networks (available: www.edrive.yme.gov.gr).
3. Bekiaris E., **Tsami M.**, (2016). Senior high school parent’s handbook of “Getting ready to be a driver”. E-drive Academy. Greek Ministry of Infrastructure, Transport and Networks (available: www.edrive.yme.gov.gr).
4. Bekiaris E., **Tsami M.**, (2016). Senior high school teacher’s handbook of “Getting ready to be a driver”. E-drive Academy. Greek Ministry of Infrastructure, Transport and Networks (available: www.edrive.yme.gov.gr).
5. Bekiaris E., Gaitanidou E., **Tsami M.**, Tsioutras A., (2016). “Travelling with safety- Junior High School”. E-drive Academy. Greek Ministry of Infrastructure, Transport and Networks (available: www.edrive.yme.gov.gr).
6. Bekiaris E., **Tsami M.**, Loukea S., (2016). Junior high school teacher’s handbook of: “Travelling with safety”. E-drive Academy. Greek Ministry of Infrastructure, Transport and Networks (available: www.edrive.yme.gov.gr).
7. Bekiaris E., **Tsami M.**, Loukea S., (2016). Junior high school parent’s handbook of: “Travelling with safety”. E-drive Academy. Greek Ministry of Infrastructure, Transport and Networks (available: www.edrive.yme.gov.gr).

8. Bekiaris E., Symeonidis I., **Tsami M.**, (2016). "Buses -Training of Professional Drivers". E-drive Academy. Greek Ministry of Infrastructure, Transport and Networks (available: www.edrive.yme.gov.gr).
9. Bekiaris E., Symeonidis I., **Tsami M.**, (2016). "Trucks- Training of Professional Drivers". E-drive Academy. Greek Ministry of Infrastructure, Transport and Networks (available: www.edrive.yme.gov.gr).
10. Bekiaris E., Symeonidis I., **Tsami M.**, (2016). "Fast but safe – Professional Drivers – Delivery". E-drive Academy. Greek Ministry of Infrastructure, Transport and Networks (available: www.edrive.yme.gov.gr).
11. Andrés Monzón, Floridea Di Ciommo, Sara Hernández, Eftihia Nathanail, Giannis Adamos, **Maria Tsami**, Ricardo Poppeliers, Odile Heddebaout, Tuuli Jarvi, Marko Nokkala, Juno Kostianen, 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.

Conference
proceedings with
peer review

1. **M. Tsami**, O. Giannakari, M.Panou, M. Papandreou (2021). "Development of advanced, safe and sustainable micro-mobility solutions". 21th International Multi-Conference Reliability and Statistics in Transportation (RelStat-2021), October 13-16, Riga, Latvia.
2. O. Giannakari, **M. Tsami**, M.Panou, M. Papandreou (2021). "Best Practices of E-scooters' Operation Across Europe". 21th International Multi-Conference Reliability and Statistics in Transportation (RelStat-2021), October 13-16, Riga, Latvia.
3. O. Giannakari, **M. Tsami**, M. Papandreou, M. Panou (2021). "Needs, requirements and expectations for e-scooters: Planning challenges in the island of Rhodes", 10th INTERNATIONAL CONGRESS ON TRANSPORTATION RESEARCH (10th ICTR), September 1st - 3rd 2021, Rhodes, Greece.
4. **Tsami M.**, Nathanail E. (2020). Gender Impact on Transit Quality of Service Importance and Performance Assessment. 5th Conference on Sustainable Urban Mobility - CSUM2020, Virtual Conference, 17 – 19 June 2020
5. Kalogirou, K., Dimokas, N., **Tsami M.**, Dionysis Kehagias D., (2018). "Smart Mobility Combining Public Transport with Carpooling: An iOS Application Paradigm". 16th IEEE International Conference on Smart City (SmartCity-2018), 28-30 June 2018, Exeter, UK.
6. Adamos, G., Budilovich (Budiloviča), E., Yatskiv (Jackiva), I., Nathanail, E., **Tsami, M.** & Magginas, V., (2018). "Quality of service in urban transport interchanges: understanding the gaps between users and operators expectations". European Transport Conference 2018, Dublin, Ireland, 10-12 October 2018.
7. Magginas V., Nathanail, E., Adamos, G., **Tsami, M.**, Yatskiv (Jackiva) I., Budilovich (Budiloviča) E., (2018). "Transport interchange soft mode accessibility: a conceptual framework towards a comprehensive policy". 18th International Multi-Conference "Reliability and Statistics in Transportation and Communication".

8. Budilovich (Budiloviča), E., Magginas, V., Adamos, G., Yatskiv (Jackiva), I. & **Tsami, M.**, (2018). "Investigating the accessibility level of Riga's International Coach Terminal: A comparative analysis with European interchanges". 4th Conference on Sustainable Urban Mobility, May 2018, Skiathos Island, Greece.
9. Nathanail, E., **Tsami, M.** & Adamos, G., (2018). "Exploring and evaluating users' satisfaction and perceptions at an urban transport hub". 7th Transport Research Arena TRA 2018, Vienna, Austria, 16-19 April 2018.
10. E. Budilovica, **M. Tsami**, V. Magginas (2017). "Accessibility on long-distance terminals: case study Riga coach international terminal". "10th International Doctoral Student Workshop on Logistics" and "Workshop on Modeling and Simulation in Manufacturing, Logistics, Transportation and Traffic", 20- 21 June, 2017, Magdeburg, Germany.
11. **Maria Tsami**, Evelina Budilovich, Vissarion Magginas, Giannis Adamos, Irina Yatskiv (2017). Assessing the Design and Operation of Riga's International Coach Terminal Reliability and Statistics in Transportation and Communication (RelStat-2017), 18-21 October, Riga, Latvia.
12. **Maria Tsami**, Athena Dimou, Maria Panou and Evangelos Bekiaris (2017). SOCIALCAR Investment Community and Funding Sources. ICTR 2017- 8th International Congress on Transportation Research. September 28-29, 2017, Thessaloniki, Greece.
13. **Maria Tsami**, (2016). Providing Guidance for Transit Managers and Operators in Order to Increase the Quality of Their Services. "RELIABILITY and STATISTICS in TRANSPORTATION and COMMUNICATION" (RelStat-16), 19-22 October 2016, Riga, Latvia.
14. Bekiaris E., **Tsami M.**, (2016). A "greening" mobility framework towards sustainability. 3rd Conference on Sustainable Urban Mobility, Volos, Greece, 26-27 May 2016.
15. Gaitanidou E., **Tsami M.**, Bekiaris E., (2016). A review of resilience management applications in the transport sector. 3rd Conference on Sustainable Urban Mobility, Volos, Greece, 26-27 May 2016.
16. Bekiaris E., **Tsami M.**, (2015). Clean vehicles, innovative solutions and best practices. 2nd International Conference: Greening the Islands, Integrated sustainability energy & water for islands and remote locations. Malta, 29-30 October, 2015.
17. **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.

18. 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.
19. George A. Giannopoulos, **Maria T. Tsami** & Eftihia G. Nathanail, (2015). "Defining Common Goals For Future Intermodal Mobility", Transportation Research Board 94th Annual Meeting, Washington, D.C., January 11-15, 2015
20. 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, 6-7th November 2014.
21. **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.
22. **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.
23. **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.
24. Giannis Adamos, Eftihia Nathanail & **Maria Tsami**, (2014). "Designing sustainable urban transport interchanges". 2nd Conference of Sustainable Urban Mobility, 05-06 May 2014, Volos, Greece.
25. **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.
26. **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.
27. **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.
28. **Tsami, Maria** & Nathanail, Eftihia. (2013). A contribution of identifying how the gap between travellers' perceptions and transit operators' planning affect travel choices. 2nd Symposium of the European Association for Research in Transportation, At Stockholm, Sweden

29. **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.
30. **Tsami Maria**, Papoutsis Konstantinos, Gogas Michael and Nathanail Eftihia (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, Greece.
31. **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.
32. Petamides Ch., Nathanail E., **Tsami M.**, (2012), INNOVATIVE MODELING FOR ASSESSING DRIVER BEHAVIOR TOWARDS INFORMATION PROVISION: A COMPARISON BETWEEN NEURAL NETWORKS AND DISCRETE MODELING IN ROUTE CHOICE, Reliability and Statistics in Transportation and Communication International Conference, Riga, Latvia, October 17-20, 2012.
33. **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.

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.
3. **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.

1. **Maria Tsami** (2021). Lecture given to the University of Thessaly "Modeling the impact of transit quality of service on user mode and route choices", University of Thessaly, 02 June 2021, Volos, Greece.
2. **Maria Tsami** (2021). Invited speech in the First China-CEEC Forum for Young S&T Talents. 22 September 2021, Nigbo, China.

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