

Dr. Athena Tsirimpa

Transport Economist and Modeler

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SUMMARY

Dr. A. Tsirimpa is a transportation economist and modeler. She works as an independent transportation consultant and as a part time lecturer at the American College of Greece. She has served as the C.E.O. of the Institute of Shipping and Transport Applications K.M.Lo (IN.ST.A.L. S.A.) (2009-2011). She holds a Bachelor Degree in Shipping and Business Administration and a MSc. and PhD in Shipping, Trade and Transport from the University of Aegean. Her Phd thesis was entitled “Development of a Simulation Model of Individuals Daily Activity Travel Patterns in an Information Rich Environment.” She is currently a shareholder and Head of Research and Development of MOBY X, a start-up located in Cyprus which develops transportation related software solutions and data analytics.

Her areas of research include travel behavior analysis, transportation demand modeling, simulation, logistics, transportation systems analysis, simulation models, safety and security in shipping, port operations, market research and econometrics. She has extensive experience in survey design, sampling design, large dataset handling, data mining and developing discrete choice models, as well as latent variable models in which the attitudes and perceptions of decision makers are taken into account in the choice process.

She has participated as a main researcher in several EU and national funded projects such as: WE-TRANSFORM, EN.I.R.S.S.T., HARMONY, MaaS4EU, OPTIMUM, POET, iPORTS, PACTS, HERMES, RURAL Inclusion, Green Transport in Islands (GRETIA), USMART. As a consultant she has worked for a number of reputable private companies and public agencies in transportation including IBI Group in Boston, UK, and Athens, The American College of Greece and CERN-Switzerland.

EDUCATION

- Ph.D., at Business School, of University of the Aegean, Department of Shipping, Trade and Transport, Title: « *Development of a simulation model for individuals daily activity travel patterns in an information rich environment* ». (**September 2009**)
- Master of Science in Intermodal Transportation and New Technologies, MSc Program on Shipping , Transport and International Trade, University of the Aegean (**October 2003**).
- Bachelor in Shipping and Business Administration, Department of Shipping, Trade and Transport, University of the Aegean (**December 2002**).

CONSULTING EXPERIENCE

1. National Transport Plan for Greece, University of the Aegean, July 2017-December 2017. Development of the stated preference experiments for mode choice and estimation of mode choice models for calculating the values of time for intercity trips in Greece (both passengers and freight).
2. Parking Study for the American College of Greece, The American College of Greece, December 2015-January 2016. Analysis of the ACG community needs and development of an appropriate parking plan.
3. Development of the Fare Zoning Systems for the American College of Greece, The American College of Greece, May-June 2014.

4. “Moscow Transportation Master Plan”, Consultant, IBI Group (UK) Limited, February 2012 – May 2012. Consulting on the development of the freight transport model in VISUM for the Moscow region. Development of the methodological framework for data collection, intercept surveys, etc., as well as providing high-level information on various aspects upon client requests.
5. C.E.O of the Institute of Shipping and Transport Applications, KMLo S.A. Responsible for the business development of the Institute, February 2010 – December 2011.
6. “Study on CERN’s transportation requirement and related infrastructure”, Consultant, Institute of Shipping and Transport Applications, K.M.Lo S.A, June 2010-December 2011. Demand modeler for parking and mode choice from/to CERN.
7. “Study on CERN’s transportation requirement and related infrastructure”, Consultant, National Technical University of Athens, December 2010-June 2011. Transport simulation of CERN network.
8. “Integrated Transportation Plan of Athens”, Consultant, IBI Group (Hellas) Limited, June 2007 – December 2009. Development/Application of future transportation scenarios in VISUM for the Attica Region, forecasting demographic trends and participation on the development of the strategic plan of the organisation (goals, objectives, measures).
9. “Investigating the willingness to attend a MSc Programme in Maritime and Transport Law at the University of the Aegean in Chios Island”, Study, University of the Aegean, March 2007 – July 2007.
10. “Investigating the feasibility of Freight Villages of local interest. Pilot application in the Prefectures of: Aitolokarnania, Argolida and Kozani”, Researcher, University of the Aegean for the Ministry of Transportation and Communication, January 2004 to May 2004. Analysis of the potential demand, economic/financial evaluation.

RESEARCH EXPERIENCE

1. **WE-TRANSFORM (December 2019 – today)**–*EU H2020 funded program*. Senior Researcher. WE-TRANSFORM aims at establishing a durable, openly shared knowledge on the effects of automation on transport labour and to ensure durable and effective innovations matching the evolving reality of workers. This will be done by formalizing methodologies and tools in collaboration with research laboratories, industrial actors and social partners at EU level and overseas (Japan, Canada, USA and Korea).
2. **EN.I.R.I.S.S.T. (Intelligent Research Infrastructure for Shipping, Supply chain, Transport and Logistics) (May 2019-today)** – Senior Researcher. EN.I.R.I.S.S.T. is funded by the Greek General Secretariat of Research and Technology in the context of the National Strategy for Research, Technological Development and Innovation (2014-2020) in the National Roadmap of Large Scale Research Infrastructures. The project aims at formulating a business intelligent platform in Shipping, Transport, Logistics and Supply chain management that will combine business analytics, visualization techniques and technology advanced knowledge, innovation processes, by offering high quality research services to users from different countries, including the peripheral and outermost regions of Europe.
3. **HARMONY (Holistic Approach for Providing Spatial & Transport Planning Tools and Evidence to Metropolitan and Regional Authorities to Lead a Sustainable Transition to a New Mobility Era) (May 2019-today)**. – *EU H2020 funded program*. Senior Researcher. The HARMONY project envisages developing a new generation of harmonised spatial and multimodal transport planning tools which comprehensively model the dynamics of the changing transport sector and spatial organisation, enabling metropolitan area authorities to lead the transition to a low carbon new mobility era in a sustainable manner. Small-scale demonstrations with Autonomous Vehicles (AVs) and drones take place to understand in real-life their requirements and collect data to be used for modelling. The HARMONY model suite is also linked to the EC's EU-wide model TRIMODE to further identify the impact of the concepts and technologies on the TEN-T

- level. HARMONY's concepts and the model suite are applied and validated on six EU metropolitan areas on six TEN-T corridors: 1. Rotterdam (NL), 2. Oxfordshire (UK), 3. Turin (IT), 4. Athens (GR), 5. Trikala (GR), 6. Upper Silesian-Zaglebie Metropolis (PL).
4. **MaaS4EU (End to End Approach for Mobility as a Service tools, business models, enabling framework and evidence for European seamless mobility) (June 2017-November 2019)** – *EU H2020 funded program*. Senior Researcher. MaaS4EU will provide quantifiable evidence, frameworks and tools to remove the barriers and enable a cooperative and interconnected EU single transport market for the MaaS concept, by addressing challenges under four pillars: 1. Business, 2. End-Users, 3. Technology, and 4. Policy. The developed MaaS4EU solutions will be tested in real life to also quantify the impact of MaaS services on end-users' short-term (activity patterns) and mid-term (car-ownership) travel choices, and on energy demand for transport. The case study areas are the Greater Manchester (UK), Luxembourg-Germany, and Budapest (Hungary).
 5. **Urban Mobility Research at the city center of Chios, Greece (April 2016-June 2016)**. Project Manager – Principal Investigator. The aim of this research was to study in depth the urban mobility and parking characteristics at the city of Chios in order to develop the most sustainable solutions to cover users' needs. For this purpose, through data collection on individuals' travel characteristics, Origin - Destination data were collected, parking demand was determined and the most suitable parking locations around the city were chosen.
 6. **OPTIMUM (Multisource Big Data Fusion Driven Proactivity for Intelligent Mobility) (June 2015 – August 2018)**. Principal Investigator. The project aim to provide the required interoperability, adaptability and dynamicity in modern transport systems for a proactive and problem-free transportation system. OPTIMUM will establish a largely scalable, distributed architecture for the management and processing of multisource big-data enabling continuous monitoring of transportation systems needs and proposing proactive decisions and actions in an (semi-) automatic way.
 7. **Evaluation of the installation of countdown systems in pedestrian traffic lights (July 2014 – December 2015)** Researcher. The countdown pedestrian unit is an electronic device is associated with the pedestrian traffic lights and displays with bright figures the remaining time before the expiration of the green light. These systems are designed to reduce accidents and optimize the time available for pedestrians to cross the intersection. The objectives of the study are: (a) The pilot application of the countdown in pedestrian intersections in Greece; (b) Research and evaluate the impact of countdown systems on the pedestrians road safety and (c) Investigate the behaviour of the pedestrians while crossing intersection equipped with countdown systems.
 8. **Program USMART (Personalized Smart Travel Services on Urban Environments) (August 2014-September 2015)**. Principal Investigator and Project Manager. The project envisages developing a suit of novel smart mobility services (iServices) based on mobile technology, that will support city residents and visitors/tourists to reach their final destination in the most efficient and suitable way using public and/or private transportation means. All iServices will be developed & demonstrated for mega/sport/cultural events. Two pilot case studies will take place within the project lifetime. The first one will concern the validation of the UMove app and the estimation of advanced behavioural econometric models; while the second one will concern the deployment of the iServices during actual mega city events in Athens, Greece and Haifa, Israel.
 9. **“Development of an Integrated Research Program on Insularity” Action 6.3-Transport System and Tourist Development at the Aegean Islands University of the Aegean (March 2013-September 2015)**. Project Manager. The project is expected to set the foundations for the development of an observatory for transport and tourism in the Aegean islands. More specifically, the project will process existing data and develop the collection methodology to allow continuous updating and usage for supporting the decision making on critical issues for transport and tourism in the Aegean Islands.
 10. **Development of Containers' Movement Models in Port Terminal (February 2013-July 2014)**. Transport Modeler. Understanding and predicting when an import container will be picked up by a truck could greatly improve the efficiency of the operations and resource

allocation in a container terminal. This project aims at the development of forecasting models of containers' movements based on aggregate time series data from different ports of Middle-east and Asia.

11. **Program GreTIA (Green Transport in Island Areas) (January 2012- November 2015).** Project Manager. This project creates a comprehensive green transport policy, research and development action plan for Aegean island areas, accounting for the unique characteristics and growth prospects of the area in its multiple dimensions. The project identifies the factors that affect the study area development by: a) defining the requirements of decision makers; b) investigating individual activity and travel patterns; and c) exploring island destination choice for tourists. Data collection includes network and use data that characterize living and traveling environments, surveys for residents and tourists, and atmospheric pollution data. Based on this information advanced integrated discrete and latent variable choice models for both tourists and residents to simulate their travel behavior are developed. Environmental and economic models to analyze and evaluate the impact of green transport policies are also developed. The final product will be a policy platform which includes environmental analysis, travel simulation, and economic analysis.
 12. **Program PACTS (Policy Analysis for Complex Transport Systems) (September 2010 – September 2012).** Experienced Researcher. Funded by EU / US Cooperation Programme in Higher Education and Vocational Education and Training, Actions for Transatlantic Links and Academic Networks in Training and Integrated Studies (ATLANTIS), for Policy Oriented Measures: Collaboration between two United States universities (MIT and UMASS) and three European universities (University of the Aegean, University of Antwerp, and IST Lisbon) in the area of “Policy Analysis for Complex Transport Systems” for the organisation and offering of one-week intensive course in Azores.
 13. **Program HERMES (High Efficient and Reliable arrangements for CroSSmodal Transport) January (2010 – 2012).** Experienced Researcher. Funded by the European Commission 7th Framework: HERMES project provides the development and analysis of new mobility schemes and associated organisational patterns at the interface and interconnection between long distance transport networks and local/regional transport network.
 14. **Evaluation of Rural Inclusion Services – Chamber of Chios (June 2011 – December 2011).** The main objective of this project is the validation of the existing RURAL INCLUSION projects services at the Chamber of Chios.
 15. **Program FLABEL - Food Labelling to Advance Better Education for Life (October 2010 - December 2010) -** Modeler. Development of discrete choice models for label choice taking into consideration individuals' preferences and perceptions.
 16. **Project MET3 (Mediterranean Transnational Technology Transfer) (June 2009-December 2009),** MED Programme project concerning the exploitation and development of a toolkit for the uptake of innovative research. - Researcher.
 17. **Project of Reinforcement of the Research Workforce (RRW), (September 2005-June 2009).** Researcher. Funded by the General Secretariat for Research and Technology: The main objective of this program was to: (1) Find the factors that influence commuter's behaviour in an environment rich in information, such as socioeconomic characteristics, attitudes and perceptions of individuals, transportation information and telecommunication systems. (2) The development of a new methodological approach concerning the modelling of commuter behaviour and their choices in the greater area of Athens.
 18. **Project PYTHAGORAS II - Aid to Research Teams in Universities, (January 2005-June 2008),** Funded by the Ministry of Education and Religions: Research team “ERMIS”. Researcher. The aim of this project was to examine the level of usage of Information and Communication Technologies (ICTs) by women and identify their effect on the programming of their daily activities (such as education, leisure, transactions, entertainment) along with their career development. Emphasis is given on the comparison between women that live in rural and less favoured areas in order to examine the differences in perceptions and attitudes towards new technologies.
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19. **Program iPORTS, (June 2005 – June 2008)**, Funded by INTERREG IIB (European Commission). Experienced Researcher. iPORTS main objective was the use of ICTs and telematics for ports to regain their competitive edge and become intelligent and secure development gateways by: developing a strategic plan for iPORTS deployment based on stakeholders requirements and priorities; implementing iPORTAll, a proof of concept pilot application; and defining the exploitation and commercial value of iPORTS products.
20. **Program POET, (January 2003 – June 2005)**, Funded by the 7th Framework (European Commission). Researcher. The main objective of the program was the development of a comprehensive conceptual model that integrates physical elements of the transport structure with behavioural aspects of choices, made by various actors (firms and businesses, households and individuals, and governments), related to the movement of freight and passengers.
21. **Competition of Passenger Shipping and Aviation: A case study for the Northern Aegean Area (September 2001 – today)**. Researcher. Yearly study of the competitiveness among traditional ship, high speed ship and airplane as the modes serving the Greek islands and connecting them with the mainland, taking place from 2001 up to today.
22. **“RailTrade” Program (September 1999 – September 2000)**. Data collection for competition among train, airplane and bus for inter-urban travel between Athens and Thessaloniki.

TEACHING EXPERIENCE

Courses:

1. Lecturer on “Intermodal Transportation”, Undergraduate Program, National and Kapodistrian University of Athens, Spring Semester 2019-2020
2. Lecturer on “Transportation Economics”, Undergraduate Program, National and Kapodistrian University of Athens, Spring Semester 2019-2020
3. Lecturer on “Demand Analysis”, Undergraduate Program, University of the Aegean, Spring Semester 2016-2017, 2018-2019
4. Lecturer on “Advanced Transportation Systems” Postgraduate Program, University of the Aegean, Spring Semester 2016-2017
5. Lecturer on “Research Methods” Postgraduate Program, University of West Attica (Former Technological Education Institute of Piraeus), Spring Semester 2015-2016, 2016-2017, 2017-2018, 2018-2019
6. Lecturer on “Transportation Systems”, Undergraduate Program, University of the Aegean, Fall Semester 2016-2017, 2018-2019
7. Lecturer on “Logistics and Supply Chain Management”, Postgraduate Program, University of West Attica, Spring Semester 2017-2018
8. Lecturer on “Transportation System Analysis”, Postgraduate Program, University of West Attica, Fall Semester 2018-2019, 2019-2020
9. Lecturer on “Data, Models and Decision Making” Postgraduate Program, University of the Aegean, Fall Semester 2015-2016, 2016-2017
10. Lecturer on “Advances in Data Collection and Modelling” to the STT Camp 2015: “Shipping, Transportation and Trade: Current Advances and Market Perspectives”, July 2015.
11. Instructor of *Introduction to Logistics and Supply Chain Management*, The American College of Greece, 2016-2017, 2018-2019, 2019-2020, 2020-2021
12. Instructor of *The Logistics of Supply Networks*, The American College of Greece, 2018-2019, 2020-2021
13. Instructor of *Business Research Methods*, The American College of Greece, 2016-2017
14. Instructor of *Transportation Systems*, The American College of Greece, 2016-2017, 2017-2018, 2018-2019, 2020-2021
15. Instructor of *Marine Insurance*, The American College of Greece, 2013-2014, 2014-2015
16. Instructor of *Safety and Security in Shipping*, The American College of Greece, 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018, 2018-2019

17. Instructor of *International Shipping Policy*, The American College of Greece, 2019-2020, 2020-2021
18. Instructor of *Carriage of Goods by Sea*, The American College of Greece, 2014-2015, 2015-2016, 2016-2017, 2018-2019
19. Lecturer to the Summer Course: “Aegean Summer Training in Transport – Competitiveness Assessment & Management Policies”, from August 24th till September, 2nd, 2012.
20. Lecturer to the Summer Course: “Policy Analysis for Complex Transport Systems”, June, 2nd till June, 7th 2012, Azores, Sao Miguel Island organised by PACTS consortium. (<http://www.pacts-eu-us.net/index.php/summer-course-2012>)
21. Teaching Assistant for the summer course of “Transport Markets and Businesses”, organised by TRANSPORTNET, from October 29th till November 9th, 2007.
22. Teaching Assistant in: “*Transportation System Analysis*”. 1st year course in Department of Shipping, Trade and Transport, University of the Aegean, 2003-2010.
23. Teaching Assistant in: “*Demand Analysis*”. 3rd in Department of Shipping, Trade and Transport, University of the Aegean, 2003-2010.
24. Teaching Assistant in: “*Data, Models and Decision Making*”, MSc Program on Shipping, Transport and International Trade, University of the Aegean, 2004-2010.
25. Teaching Assistant in: “*Analysis of Complex Transport Systems*”, MSc Program on Shipping, Transport and International Trade, University of the Aegean, 2004-2005, 2008-2010.
26. Teaching Assistant in: “*Advanced Transportation System Analysis*”. MSc Program on Shipping, Transport and International Trade, University of the Aegean, 2004-2010.

Invited Lectures:

1. “MaaS Business Models”, IRF, New Delhi, November 2017
2. “Discrete Choice Modeling”, MSc Program on Shipping, Transport and International Trade, University of the Aegean, November 2014
3. “Athens Public Transport Master Plan”, MSc Program on Shipping, Transport and International Trade, University of the Aegean, April 2012.
4. “The Impact of Traffic Information Acquisition on the Traffic Conditions of the Athens Greater Area”, University of California Santa Barbara, November 2011.
5. “Formulating a Public Transport Master Plan”, University of California Santa Barbara, November 2011.
6. “Methodology for Investigating the feasibility of Freight Villages of local interest”, University of Piraeus, 2007.

PUBLICATIONS

Peer Reviewed Book Chapters:

1. Tsirimpa, A and S. Kapros (2020). Evolution of logistics and modelling findings in the era of economic crisis in Greece. Book *Emerging Economies* by Elsevier, Editors: Tavasszy, L. and I. Kourouniotti.
2. Polydoropoulou, A., I. Pagoni, A. Tsirimpa, I. Tsouros (2019). “Modelling traveller's behaviour in the presence of reward schemes offered for green multimodal choices”. In “Data analytics: Paving the way to sustainable urban mobility”, Book series on Advances in Intelligent Systems and Computing, by Springer, Editors: Nathanail, E. and I.D. Karakikes.
3. Rouboutsos, A., A. Tsirimpa, I. Pagoni, A. Polydoropoulou. “MaaS: The Revenue Allocation Challenge”. Accepted for publication in UNECE Report “Transport Trends and Economics 2018–2019: Mobility as a Service”.
4. Polydoropoulou A., M. Kamargianni, and A. Tsirimpa (2013). Car Use Addiction versus Ecological Consciousness: Which Prevails in Mode Choice Behavior for Young People? Book of the 13th International Association of Travel Behavior Research, Chapter 28.
5. Polydoropoulou A., and A. Tsirimpa (2013). “Traveler’s Security Perceptions and Port Choices.” In *Securing Transportation Systems*, by John Wiley and Sons.

Peer Reviewed Papers in International Journals:

1. Pagoni, I., Gatto, M., Tsouros, I., Tsimpa, A., Polydoropoulou, A., Giuseppe, G., Stefanelli, T. (2020). Mobility-as-a-Service: Insights to policy makers and prospective MaaS operators. *Transportation Letters: the International Journal of Transportation Research*.
2. Polydoropoulou, A., I. Tsouros, I. Pagoni, A. Tsimpa, A. (2020). Exploring Individual Preferences and Willingness to Pay for Mobility as a Service. *Transportation Research Record*.
3. Polydoropoulou, A., Pagoni, I., Tsimpa, A., Roumboutsos, A., Kamargianni, M., Tsouros, I. (2020). Prototype Business Models for Mobility-as-a-Service. *Transportation Research Part A: Policy and Practice*, Volume 131, pp 149-162, doi.org/10.1016/j.tra.2019.09.035.
4. Tsimpa, A., Polydoropoulou, A., Pagoni, I., Tsouros, I. (2019). A reward-based instrument for promoting multimodality. *Transportation Research Part F: Psychology and Behaviour*, 65, 121-140.
5. Tsimpa, A., A. Polydoropoulou, I. Tsouros (2019). Route choice preferences: Insights from Portuguese freight forwarders and truck drivers. *Journal of Transportation Planning and Technology*, Volume 42, Issue 7, 2019.
6. Polydoropoulou, A., I. Pagoni, A. Tsimpa (2018). Ready for Mobility as a Service? Insights from Stakeholders and End-users. *Journal of Travel Behaviour and Society* (in press).
7. Tsimpa, A. (2015). "Modelling the impact of traffic information acquisition from mobile devices during the primary tour of the day". *Journal of Intelligent Transportation Systems: Technology, Planning, and Operations*, Volume 19, Issue 2, 2015.
8. Polydoropoulou, A., and A. Tsimpa (2013). "Women's Time Use with ICT and Physical Travel in Greek Urban and Rural Areas". *SPOUDAI, Journal of Economics and Business* Vol 62, No 1-2.
9. Tsimpa, A., and A. Polydoropoulou (2014). "The Impact of Traffic Information Acquisition on the Traffic Conditions of the Athens Greater Area." Special Issue Entitled "Operation Research and its Application in Transportation" *International Journal of Operations Research and Information Systems, IJORIS* 5(2), 2014.
10. Polydoropoulou, A. and A., Tsimpa (2010). Green Transport in Island Areas. *Euro-Asian Journal of Sustainable Energy Development Policy*.
11. Tsimpa, A., A. Polydoropoulou, and C. Antoniou (2007). "Development of a Mixed MNL Model to Capture Commuters' Response to Travel Information." *Journal of Intelligent Transportation Systems*, 11(2): 1-11.
12. Polydoropoulou, A., A. Tsimpa, I. Lagoudis (2009). "The Use Of Information And Communication Technologies By Women And Their Policy Implications: What Are The Challenges For Greece?" *Journal of Studies in Regional & Urban Planning*, Vol 3.
13. Tsimpa, A., A. Polydoropoulou, and C. Antoniou (2009). "Modeling the Effect of Risk Aversion on Travellers' Switching Behavior." *Journal of Choice Modeling*, Vol.3, No1. ISSN 1755-5345. March 2010.

Publications in Conference Proceedings with Evaluation of Full Articles

1. Kantartzoglou, M., Tsimpa, A., Stefani, D., Sarantopoulos, G., Diamanteas, K. (2020). Maritime Digitalization: Opportunities and Challenges for Greek Shipping Companies. IAME Conference "Sustainable Development of Shipping and Trade" , 10-13 June 2020 (online event)
2. Tsimpa A., Tsouros, I., Pagoni, I., Polydoropoulou, A., (2020). Modelling MaaS plans and commitment length: Experience from two European cities. 5th Conference on Sustainable Urban Mobility - Virtual CSUM2020.
3. Polydoropoulou, A. I. Pagoni, I. Tsouros, A. Tsimpa, (2020). Exploring Individual Preferences and Willingness to Pay for Mobility as a Service. Paper presented at the

- Transportation Research Board 99th Annual Meeting, Washington, D.C., January 13–17, 2020.
4. Tsirimpa, A., A. Polydoropoulou, I. Pagoni, I. Tsouros, Ramos, A., and Proios, G. (2020). Dynamic Pricing via a Web-based Platform for Commercial Vehicles. Paper presented at the Transportation Research Board 99th Annual Meeting, Washington, D.C., January 13–17, 2020.
 5. Tsirimpa, A., A. Polydoropoulou, I. Pagoni, I. Tsouros (2019). Promoting Multimodality Through Rewards. Paper presented at the Transportation Research Board 98th Annual Meeting, Washington, D.C., January 13–17, 2019.
 6. Polydoropoulou, A., I. Pagoni, A. Tsirimpa, I. Tsouros (2018). “Modelling travelers’ behavior in the presence of reward schemes offered for green multimodal choices”. Paper presented at the 4th Conference on Sustainable Urban Mobility (CSUM2018), 24-25 May 2018, Skiathos Island, Greece.
 7. Tsirimpa, A., Christodoulou, D., Karagkounis, A., Tsoukistou, L., Lagoudaki, D., Pallas, D. (2018). Relationship between personality and work stress among Greek seafarers. Presented at the IAME2018 Conference, Mombasa-Kenya.
 8. Polydoropoulou, A., I. Pagoni, A. Tsirimpa, I. Tsouros (2017). Can Incentives Motivate Users Towards the Use of Environmental Friendly Modes? Paper presented at the 8th International Congress on Transportation Research (ICTR 2017), Thessaloniki, Greece, 27-29 September 2017.
 9. Tsouros, I., A. Polydoropoulou, A. Tsirimpa (2017). Multimodal alternatives: How do users perceive different combination of modes? Paper presented at the 5th International Conference on Models and Technologies for Intelligent Transportation Systems (MT-ITS 2017), Napoli, 2017.
 10. Krousouloudi, N., A. Polydoropoulou and A Tsirimpa (2017). “Is a Temporary Change in Mode Choice a Motivation to Switch Individual's Travel Behavior? Findings from a Latent Class Model”, Paper presented at the Transportation Research Board 96th Annual Meeting, Washington, D.C., January 8-12, 2017.
 11. Krousouloudi N., A. Polydoropoulou, A. Tsirimpa and I.N. Lagoudis (2016). “The Importance of the Port of Entry in the Overall User Satisfaction Experience”. Paper presented at the GPRA Conference, [Hamburg](#), May 2016
 12. Tsouros, I., A. Polydoropoulou, K. Goulias, A. Tsirimpa (2015). “Rhythms in urban and island areas”. Paper presented at the 7th International Conference on Transport Research, Athens, Greece, 5-6 November 2015..
 13. Tsouros, I., A. Polydoropoulou, A. Tsirimpa (2015) A Hybrid Choice Model for Alternative Fuel Vehicle Purchase, In Proceedings of the International Choice Modelling Conference 2015, Austin, Texas. Available at: <http://repositories1.lib.utexas.edu/handle/2152/29823>
 14. Polydoropoulou, A., I. Lagoudis, and A. Tsirimpa (2012). “Improve Connectivity through Alternative Ferry Connections”. Presented at TRA2012 – Transport Research Arena Conference, Athens, Greece, April 2012.
 15. Polydoropoulou, A., and A. Tsirimpa (2012). “Women’s Time Use with ICT and Physical Travel in Greek Urban and Rural Areas.” Paper presented at 91st Annual Meeting of the Transport Research Board (TRB), Washington D.C., 17-21 January, 2012.
 16. Polydoropoulou, A., A., Tsirimpa, N., Litinas, and M. Kamargianni (2011). "Impact of Security Measures on the Travelers’ Feelings at Ports." Presented at ECONSHIP, Chios, Greece, 22-24 June, 2011.
 17. Τσιρίμπα, Α., και Α. Πολυδωροπούλου (2010). «Η επίδρασή της Κυκλοφοριακής Πληροφόρησης στις Μεταφορικές Συνθήκες της Ευρύτερης Περιοχής των Αθηνών.» 5ο Διεθνές Συνέδριο Έρευνας στις Μεταφορές, Βόλος, 30 Σεπτεμβρίου-1 Οκτωβρίου 2010.
 18. Polydoropoulou, A., and A. Tsirimpa (2010). “An Analysis of Women’s Time Use and Travel Behavior in Urban and Rural Areas: A Case Study from Greece.” Presented at the Second Workshop on Time Use Observatory, Chile 17-19, March 2010.

19. Polydoropoulou, A., and A. Tsirimpa (2010). "Stated Preference Applied to Market Research for Travel Information Systems: A Case Study for Athens Urban Area." Presented at 13th International IEEE Conference on Intelligent Transportation Systems - ITSC 2010, Madeira Island, Portugal, September 19 – 22, 2010.
20. Tsirimpa, A., and A. Polydoropoulou (2009). "Modeling Intention and Acquisition of ATIS." CD Proceedings of the 12th International Conference on Travel Behavior Research, Jaipur, India, December, 2009.
21. Polydoropoulou, A., I. Lagoudis, and Tsirimpa A., (2009). "*Bridging the Gap: The effect of Information and Communication Technologies*", Equal Opportunities International Conference, Istanbul, August 2009.
22. Tsirimpa, A., and A. Polydoropoulou (2009). "Travelers Response to VMS in the Athens Area." Presented at the International Conference "Prospects for Research in Transport and Logistics on a Regional – Global Perspective", Dogus University, Istanbul, February 2009.
23. Polydoropoulou, A., I. Lagoudis, A. Tsirimpa (2008). "*The Impact Of Information And Communication Technologies On Female Activities: The Case Of Greece.*" Women's Worlds 2008 Conference, Spain, July 2008.
24. Tsirimpa, A., A. Polydoropoulou, C. Antoniou (2008). "*Modelling Advanced Traveller Information Systems (ATIS) Acquisition And Effect On Travellers Choices: An Extended Literature Review.*" AATT Conference, Athens, June 2008.
25. Tsirimpa, A., A. Polydoropoulou, C. Antoniou (2008). "*Development of a Latent Variable Model to Capture the Impact of Risk Aversion on Travelers' Switching Behavior.*" Proceedings of the 11th World Conference on Transport Research, Berkeley, CA, June 2007.
26. Polydoropoulou, A., N. Litinas, A. Tsirimpa (2007). "*Ports in Small Regional Areas and Islands: User Evaluations for Ports as Efficient Intermodal Gateways.*" Proceedings of the 1st International Scientific Conference: "Competitiveness and Complementarity of Transport Modes, Perspectives for the Development of Intermodal Transport", Chios, May 2007.

Conference Presentations with Evaluation of Abstracts

1. Seimeni, K and Tsirimpa, A. Challenges and Prospects of City Logistics in the City of Athens. Abstract accepted for presentation at the 2nd International Conference for Intermodal Transports, March 2020, Alexandroupolis, Greece.
2. Polydoropoulou, A., Tsirimpa, A., Pagoni, I., Kouniadi, D. Setting the basis of an Intelligent Research Infrastructure for Shipping, Supply chain, Transport and Logistics (ENIRISST): A Comparative State-of-the-art Review of e-Infrastructures. Abstract accepted for presentation at the 2nd International Conference for Intermodal Transports, March 2020, Alexandroupolis, Greece.
3. Polydoropoulou, A., Maragkoudakis, M., Kalyvas, C., Tsouros, I., Pagoni, I., Tsirimpa, A. Big Data in Transport: Designing the Data Architecture for the "EN.I.R.I.S.S.T." Research Infrastructure. Abstract accepted for presentation at the 2nd International Conference for Intermodal Transports, March 2020, Alexandroupolis, Greece.
4. Pagoni, I., Tsirimpa, A., Polydoropoulou, A., Tsouros, I. Long-Distance Travel: Influence of App-based Personalized Services on Smart Motorhome Users' Decision Making. Abstract accepted for presentation at the 2nd International Conference for Intermodal Transports, March 2020, Alexandroupolis, Greece.
5. Polydoropoulou, A., Tsirimpa, A., Pagoni, I., Tsouros, I. Exploring demand for Mobility-as-a-Service: Insight from two European cities. Abstract accepted for presentation at the 2nd International Conference for Intermodal Transports, March 2020, Alexandroupolis, Greece.
6. Tsouros, I., Polydoropoulou, A., Pagoni, I., Tsirimpa, A. (2020). Menu-Based, stated-preference experiments: Advantages and challenges. To be presented at the 12th International Conference on Transport Survey Methods, May 31 - June 5, 2020, Portugal.

7. Viopoulou, A. and Tsirimpa, A. Perceptions, attitudes and stated intentions towards autonomous vehicles: The case of Greece. Presented at the 9th International Congress on Transportation Research, Athens, Greece, 24-25 October, 2019
8. Tsouros, I., Polydoropoulou, A., Tsirimpa, A., Pagoni, I. MaaS for tourists? Modelling user preferences in two European cities. Presented at the 9th International Congress on Transportation Research, Athens, Greece, 24-25 October, 2019
9. Polydoropoulou, A., A. Tsirimpa, I. Tsouros, I. Pagoni (2018). "Choice of multimodal travel modes: Does personality matter?". Poster presented at the 7th Symposium of the European Association for Research in Transportation Conference (hEART 2018), 5-7 September, 2018, Athens, Greece
10. Polydoropoulou, A., A. Tsirimpa, I. Pagoni, I. Tsouros (2018). "Mobility-as-a-Service Ecosystem: Insights to policy makers". Paper presented at the 7th Symposium of the European Association for Research in Transportation Conference (hEART 2018), 5-7 September, 2018, Athens, Greece.
11. Tsirimpa, A., Polydoropoulou, A., Pagoni, I., Anagnostopoulou, E., Magoutas, B., Bothos, E., and I. Tsouros (2018). "Using persuasive technology and reward schemes to promote sustainable travel choices". Presented at the International Association of Travel Behaviour Research, Santa Barbara, July 2018.
12. Χριστοδούλου, Δ., Καραγκούνης, α., Τσούκστου, Λ., Λαγουδάκη, Δ. Πάλλας, Δ., Νικητάκος, Ν. και Τσιρίμπα, Α. (2017). Οι επιδράσεις του ναυτικού επαγγέλματος στην ψυχική κατάσταση των ναυτικών. Ετήσια Συνάντηση Ναυτικής Τεχνολογίας 2017.
13. Tsirimpa, A., and I. Tsouros (2016) An integrated dynamic toll system: From models to application – A case study in Portuguese highways, paper accepted for presentation at the International Choice Modelling Conference, South Africa, 2017
14. Krousouloudi, N., Polydoropoulou, A. and A. Tsirimpa, (2015). "How does ferry connections affect tourists' destination choice", Poster presented in IMIC Conference, Santorini, Greece 2015.
15. Goulias, K., Davis, A., Lee J.H., Polydoropoulou, A., Tsirimpa, A., Tsouros, I. (2015) Measurement of sense of place and comparison with social media data in a Greek island, poster presented in IMIC Conference, Santorini, Greece 2015
16. Tsouros, I., A. Polydoropoulou, S. Kapros, A. Tsirimpa (2015), Development of a policy analysis tool to evaluate green transport policies, presented at the European Transport Conference, Frankfurt, Germany, September 2015.
17. Krousouloudi, N., A. Polydoropoulou, A. Tsirimpa, I. Tsouros (2015). "Travel behavior switching; destination with electric bicycles", presented at the European Transport Conference, Frankfurt, Germany, September 2015.
18. Tsouros, I., A. Polydoropoulou, and A. Tsirimpa (2015). "*Rhythms In Urban And Island Areas: Does Lifestyle Affect Daily Dynamics?*" Presented at 14th International Conference on Travel Behaviour Research (IATBR), London, 19-23 July 2015.
19. Tsirimpa, A., A. Polydoropoulou, N. Krousouloudi, and M. Kamargianni (2015). "*A Hybrid Choice Model to Capture the effects of Attitudes on Travel Mode Switching Behavior*" Presented at 14th International Conference on Travel Behaviour Research (IATBR), London, 19-23 July 2015.
20. Tsirimpa, A. and A. Polydoropoulou (2015). "*UMove: A Smart Mobile Application for Travel Data Collection*". Presented at 14th International Conference on Travel Behaviour Research (IATBR), London, 19-23 July 2015.
21. Tsouros, I., A. Polydoropoulou, and A. Tsirimpa (2015). "*A Hybrid Choice Model for Alternative Fuel Vehicle Purchase*". International Choice Modeling Conference, May 2015, Texas, USA. Available at:<http://repositories1.lib.utexas.edu/handle/2152/29823>
22. Krousouloudi, N., A. Polydoropoulou, A. Tsirimpa, I. Tsouros (2015) Is a temporary change in mode choice a motivation to switch individuals travel behavior? Findings from a Latent Class Model, presented at International Choice Modelling Conference, Texas, 2015
23. Krousouloudi, N., A. Polydoropoulou, and A. Tsirimpa (2015). "*Behavioral Change Monitoring; Experiment with Electric Bicycles*". International Choice Modeling Conference, May 2015, Texas, USA.

24. Krousouloudi, N., Polydoropoulou, A. and A. Tsirimpa (2014). "How does ferry connections affect tourists' destination choice". Poster presented at the 1st International Conference on Experiential Tourism, Sanrotini, October 2015.
25. Goulias, K., Davis, A., Lee J.H., Polydoropoulou, A., Tsirimpa, A., Tsouros, I. (2015) Measurement of sense of place and comparison with social media data in a Greek island. Poster presented in IMIC Conference, Santorini, Greece 2015.
26. Kourouniotti, I., Polydoropoulou, A. and A. Tsirimpa (2015). "How Social Networks Affect Travel Behavior in Insular Areas? Findings from a Latent Variable Model", Paper presented at the hEART conference, September, 2015.
27. Krousouloudi, N., A. Polydoropoulou, A. Tsirimpa, I. Tsouros (2015). "Travel behavior switching; experiment with electric bicycles", presented at the European Transport Conference, Frankfurt, Germany, September 2015.
28. Kourouniotti, I., Polydoropoulou, A. and A. Tsirimpa, (2015). "Social Networks and Travel Behavior in Insular Areas- A Latent Class Model Application". Presented at the International Choice Modeling Conference, Austin, Texas, USA, 10-13 May, 2015.
29. Tsouros, I., A. Polydoropoulou, A. Tsirimpa (2015) Are tech-friendly users keener on buying an AFV? Exploring future car purchase choice. Presented in EWGT2015 Conference, Delft, 2015
30. Tsouros, I., A. Polydoropoulou, A. Tsirimpa (2015) Restrictions on the use of active transport – Findings from a latent variable model. Presented in EWGT2015 Conference, Delft, 2015
31. Polydoropoulou, A., I. Paravantis, A. Papatheodorou, A. Kotrikla, S. Kapros, E. Sambracos, A. Tsirimpa, K. Glyptou, A. Tzavali, N. Litinas and Goulias, K. (2013). "Expert Opinions for Promoting Green Transport in Islands." Presented at the World Conference on Transport Research (WCTR), July 2013, Rio, Brasil.
32. Polydoropoulou, A., K.G. Goulias, A. Tsirimpa, M. Kamargianni, I. Kourouniotti and I. Tsouros (2013). "Innovative Data Collection for Modeling Green Transport In Islands." Presented at the World Conference on Transport Research (WCTR), July 2013, Rio, Brasil.
33. Tsirimpa, A., M. Kamargianni, A. Polydoropoulou, K. Goulias, Paravantis, I. (2013). "Integrating Travel Needs with Environmental Impact Assessments and Ecological Footprint Computation." Presented at the World Conference on Transport Research (WCTR), July 2013, Rio, Brasil.
34. Polydoropoulou, A., M. Kamargianni, and A. Tsirimpa (2012). "Car Use Addiction vs. Ecological Consciousness: Which one Prevails on Mode Choice Behavior?" International Association of Travel behavior Research, Toronto, Canada, 15-19 July 2012.
35. Polydoropoulou, A., Tsirimpa. A., Kapros, S., "Forecasting demand on missing links for promoting passengers' intermodal service networks", Presented at the European Transport Conference 2012, 8-10 October 2012, Glasgow, Scotland.
36. Polydoropoulou, A., Lagoudis, I. and Tsirimpa, A. (2012)."Improve Connectivity through Alternative Ferry Connections". Transportation Research Arena, Athens, 2012.
37. Polydoropoulou, A. and Tsirimpa, A. (2012). "Women's Time Use with ICT and Physical Travel in Greek Urban and Rural Areas", Transportation Research Board, Washington, 2012.
38. Polydoropoulou, A., A., Tsirimpa, N., Litinas and Kamargianni, M. (2011). "Impact of Security Measures on the Travelers' Feelings at Ports." ECONSHIP, Chios, Greece, 22-24 June, 2011.
39. Polydoropoulou, A. and A. Tsirimpa (2010). "Stated Preference Applied to Market Research for Travel Information Systems: A Case Study for Athens Urban Area". 13th International IEEE Conference on Intelligent Transportation Systems - ITSC 2010, Madeira Island, Portugal, September 19 – 22, 2010.
40. Tsirimpa, A. and Polydoropoulou, A. (2010) "The Role of Flexibility on Traffic Information Acquisition". Presented at the 12th WCTR Conference in Lisbon, 11-15 July 2010.
41. Polydoropoulou, A., S. Limão, A. Tsirimpa, C. Garcia, and N. Litinas (2010). "Modelling Travel Well-Being and Mode Choice Behaviour". Presented at the 12th World Conference of Transport Research (WCTR), Lisbon, Portugal, July 2010.

42. Tsirimpa, A. and A. Polydoropoulou (2009). “*Modeling Intention and Acquisition of ATIS*”. CD Proceedings of the 12th International Conference on Travel Behavior Research, Jaipur, India, December, 2009.
43. S. Kapros, A. Tsirimpa, "Investigation on feasibility of Freight Villages of local interest", Proceedings of the 3rd International Congress on Transportation Research in Greece, Thessaloniki, 2006.
44. Mousikidou, A., A. Polydoropoulou, A. Tsirimpa, and A. Deloukas (2005). “*Public transport Demand and Revenues in Athens: the introduction of METRO and new tariff instruments.*” Presented at the European Transport Conference 2005, Strasburg, France, October 2005.

ATTENDANCE IN COURSES

1. MIT Professional Education's online program *Tackling the Challenges of Big Data*, held May 5 - June 16, 2015.
2. Summer Course «*Individual Choice Behavior: Theory and Application of Discrete Choice Analysis*», Massachusetts Institute of Technology, June 2005.
3. Summer Course "User Response to Innovative Transportation and Information Technologies”, organised by the University of the Aegean and Massachusetts Institute of Technology, Chios Island, August 2001.

REVIEWER INVITATIONS:

International Journals:

1. Transportation Research Part A
2. Journal of Choice Modeling
3. Transportation
4. Transportation Letters
5. Journal of Transportation Safety and Security
6. Annals of Tourism Research
7. Journal of Advanced Transportation
8. Transportation Research Part C
9. Aegean Working Papers
10. IEEE Journal on ITS
11. Journal of Transport and Logistics
12. Public Transport Journal
13. Travel and Behavior
14. Tourism and Leisure

PARTICIPATION IN CONFERENCES AND COURSE ORGANIZATION COMMITTEES:

1. PACTS Summer Course, Sao Miguel Island, Azores (June 2012). Organizers: University of the Aegean, Massachusetts Institute of Technology, University of Antwerp, Instituto Superior Técnico and University of Massachusetts.
2. 1st International Scientific Conference: “Competitiveness and Complementarity of Transport Modes, Perspectives for the Development of Intermodal Transport”, Chios, May 2007.

MEMBERSHIPS

1. Member of the Association for European Transport (AET)
2. Member of the Greek Transport Association
3. Member of the Greek Association of Economists

LANGUAGES

English : 10/10

Greek : Native

COMPUTATIONAL SKILLS

Microsoft:

Windows, Office, Explorer, Project, Publisher, FrontPage

Transportation Software:

VISUM, VISSIM, VISEM, SATURN, MATSIM, EMME2

Modeling Software:

ALOGIT, GAUSS, BIOGEME, Eviews, Python Biogeme, SST, Latent Gold, APOLOO

Statistics-Analytical Software:

SPSS, Minitab, NVivo

Management:

MS Project, Redmine (Alfresco)

Survey Packages:

MINT, Sawtooth, DroidSurvey

Operating Systems:

Windows, MacOS, LINUX and DOS.

The above-mentioned packages are used in both teaching and research.