

CURRICULUM VITAE

PERSONAL INFORMATION	
SURNAME	MILIOTI
NAME	CHRISTINA
e-mail	C.MILIOTI@UNIWA.GR

CURRENT POSITION(S)	
2020 -today	Assistant Professor Department of Civil Engineering, University of West Attica, Greece.

PREVIOUS POSITION(S)	
2018 -2020	Adjunct Assistant Professor (Design of Airports, Intelligent Transportation Systems, Road Design) Department of Civil Engineering, University of West Attica, Greece
2017 -2019	Post-Doctoral Researcher School of Rural and Surveying Engineering, National Technical University of Athens
2016-2017	Adjunct Assistant Professor (Design of Airports) Department of Civil Engineering, University of Patras, Greece
2016-2018	Senior Researcher Department of Management Science and Technology. Athens University of Economics and Business
2016-2018	Adjunct Assistant Professor (Operational Research, Cost Analysis of Structures) Department of Civil Engineering, Technological Educational Institute of Piraeus, Greece
2010-2014	PhD student Department of Transportation Planning and Engineering, School of Civil Engineering, National Technical University of Athens
2007-2015	Researcher Department of Transportation Planning and Engineering, School of Civil Engineering, National Technical University of Athens

EDUCATION	
2010-2014	Ph.D in Civil Engineering and Transportation , National Technical University of Athens, Department of Transportation Planning and Engineering, Greece, Development of Methods for Estimating Public Transport shares under Complementary Operating conditions. Supervisor: Matthew G. Karlaftis
2008-2010	Master in Business Mathematics . National and Kapodistrian University of Athens (Department of Mathematics and Department of Economics) and Athens University of Economics and Business (Department of Informatics).
2001-2007	Diploma in Civil Engineering , National Technical University of Athens.

PUBLICATIONS

Papers in International peer-reviewed journals

- Milioti, C., Kepaptsoglou, K., Deloukas, A., & Apostolopoulou, E. (2022). Valuation of man-made incident risk perception in public transport: The case of the Athens metro. *International Journal of Transportation Science and Technology*, 11(3), 578-588
- Milioti, C., Kepaptsoglou, K., Kouretas, K., & Vlahogianni, E. I. (2022). Driver perceptions on taxi-sharing and dynamic pricing in taxi services: Evidence from Athens, Greece. *Journal of Public Transportation*, 24, 100022.
- Asimakopoulou, M. N., Mitropoulos, L., & Milioti, C. (2022). Exploring factors affecting ridesharing users in academic institutes in the region of Attica, Greece. *Transportation Planning and Technology*, 1-24. DOI:[10.1080/03081060.2022.2122465](https://doi.org/10.1080/03081060.2022.2122465)
- Kopsidas, A., Milioti, C., Kepaptsoglou, K., & Vlachogianni, E. I. (2021). How did the COVID-19 pandemic impact traveler behavior toward public transport? The case of Athens, Greece. *Transportation Letters*, 13(5-6), 344-352
- Milioti, C., Pramataris, K., & Zampou, E. (2020). Choice of prevailing delivery methods in e-grocery: A stated preference ranking experiment. *International Journal of Retail & Distribution Management*, 49, 2, 281-298. <https://doi.org/10.1108/IJRDM-08-2019-0260>
- Milioti, C., Panoutsopoulos, A., Kepaptsoglou, K., & Tyrinopoulos, Y. (2020). Key drivers of fare evasion in a metro system: Evidence from Athens, Greece. *Case Studies on Transport Policy*, 8(3), 778-783
- Chioni, E., Iliopoulou, C., Milioti, C., & Kepaptsoglou, K. (2020). Factors affecting bus bunching at the stop level: a geographically weighted regression approach. *International Journal of Transportation Science and Technology*, 9, 3, 207-217.
- Iliopoulou, C., Milioti, C., Vlahogianni, E. and Kepaptsoglou, K (2020). Identifying spatio-temporal patterns of bus bunching patterns in urban networks. *Journal of Intelligent Transportation Systems: Technology, Planning, and Operations*. <https://doi.org/10.1080/15472450.2020.1722949>.
- Milioti, C., Fouteris, A. Didaskalou, E. Georgakellos, D. (2020). Eco-Certification as a Tool of Sustainable Tourism: A Preliminary Approach Volume 9, Issue 4.
- Chita, E., Drimili, E., Gareiou, Z., Milioti, C., Vranna, A., Pouloupoulos, S., & Zervas, E. (2020). Impact of Economic Crisis on Passenger Transportation—Case of Travelling to the Greek Mainland from Crete. *Promet-Traffic & Transportation*, 32(3), 347-360.
- Milioti, C., Kelepouri, I., and Pramataris K. (2020). Modeling consumers' acceptability for the click and collect service. *Journal of Retailing and Consumer Services*, <https://doi.org/10.1016/j.jretconser.2020.102149>.
- Milioti, C., Kepaptsoglou, K, Deloukas, A., Prodromitis, M. and C. Iliopoulou (2019). Modeling Traveler Recovery Time following Man-made Incidents: The case of the Athens Metro. *Journal of Transportation Security*, 12, 103-117.
- Kepaptsoglou, K. Milioti, C., Spyropoulou, D., Heider F., and Karlaftis A. G. (2020). Comparing traveler preferences for LRT and BRT systems in developing countries: Evidence form Multan, Pakistan. *Journal of Traffic and Transportation Engineering (English Edition)*, 7, 3, 384-393, <https://doi.org/10.1016/j.jtte.2018.10.013>
- Mantouka, E., Barmponakis, E., Milioti, C. and Vlahogianni, E. (2018). Gamification in mobile applications for transportation: The case of airports. *Journal of Intelligent Transportation Systems: Technology, Planning, and Operations*. <https://doi.org/10.1080/15472450.2018.1473157>
- Konstantakis, K., Milioti, C. and Michaelides, P (2017). Modeling the Dynamic Behavior of Automobile Sales in troubled times: A Real-Time Vector Autoregressive Analysis with Causality Testing for Greece. *Transport Policy*, 59, 75-81
- Gkotsis, I., C.Milioti, D. Triantafyllos, E. I. Vlahogianni, K. Kepaptsoglou, I. Golias (2016). An Ex-Ante Evaluation Framework of Dynamic Congestion Pricing: Application to Athens, Greece. *Advances in Transportation Studies*, 40, Section B, 87-100

<ul style="list-style-type: none"> ▪ Milioti, C., Karlaftis M., Christoforou, Z. (2016). Financial Recession and Congestion Pricing: Has the acceptability been affected? <i>European Transport</i>, issue 60
<ul style="list-style-type: none"> ▪ Michaelides, P., Konstantakis, K., Milioti, C. and Karlaftis, M. (2015). Modelling Spillover Effects of Public Transportation Means: A state- of -the -art intra-industry GVAR approach for Athens. <i>Transportation Research Part E, Logistics and Transportation Review</i>, 82, 1-18
<ul style="list-style-type: none"> ▪ Milioti, C., Karlaftis M and Akkogiounoglou, E. (2015). Traveler perceptions and airline choice: A multivariate probit approach. <i>Journal of Air Transport Management</i>, 49, 46-52
<ul style="list-style-type: none"> ▪ Milioti, C. and Karlaftis M and Spyropoulou, D. (2015). Impact of financial recession on taxi market: Perceptions of travelers and taxi drivers. <i>Journal of Transportation Research Record (TRR)</i>, 2536,1, 67-75.
<ul style="list-style-type: none"> ▪ Milioti, C. and Karlaftis, M. (2014). Estimating Multimodal Public Transport Demand: A Cointegration Time Series Approach. <i>International Journal of Transport Economics</i>, vol. XLI, no. 3, 2014
<ul style="list-style-type: none"> ▪ Milioti, C. and Karlaftis, M.G. (2014). Estimating Multimodal Public Transport Shares in Athens, Greece, <i>Journal of Transport Geography</i>, Vol. 34, 88–95
<ul style="list-style-type: none"> ▪ Christoforou, Z., Milioti, C., Perperidou, D.G., Karlaftis, M.G. (2012). Investigation of taxi travel time characteristics, <i>Advances in Transportation Studies</i>, Vol. 27, Section A, 17-30
<ul style="list-style-type: none"> ▪ Kepaptsoglou, K., Pyrialakou, D., Milioti, C., Karlaftis, M., Tsamboulas, D. (2011). Bus Lane Violations: An exploration of causes, <i>European Transport</i>, 48, 87-98
<ul style="list-style-type: none"> ▪ Rentziou, A., Milioti, C., Gkritza, K., Karlaftis, M.G. (2011). Urban Road Pricing: Modeling Public Acceptability, <i>ASCE Journal of Urban Planning and Development</i>, 137(1), 56–64
<p>Selected papers in International peer-reviewed conferences</p>
<ul style="list-style-type: none"> ▪ Milioti C., Varsamou A., Kouloumperi, S. Nanou, C. and Tyrinopoulos, Y. (2021). Investigating the effects of Covid-19 on air travel behavior and airline choice. 9th International congress on Transportation Research, 2019, Athens
<ul style="list-style-type: none"> ▪ Verikokkou, A., Kaika, D., & Milioti, C. (2021). Analysis of the impact of tourism flows on environmental degradation. Case study: Municipality of Naxos & Small Cyclades, Greece. In <i>IOP Conference Series: Earth and Environmental Science</i> (Vol. 899, No. 1, p. 012051). IOP Publishing
<ul style="list-style-type: none"> ▪ Iliopoulou, C, Milioti, C., Vlahogianni, E. and Kepaptsoglou, K (2019). Network-wide bus bunching hot spot detection. <i>Transportation Research Board, Annual Meeting</i>, Washington DC.
<ul style="list-style-type: none"> ▪ Milioti, C., Katopodis, B. Kepaptsoglou, K and, Y. Tyrinopoulos (2019). Assessing the influence of social media in tourists mobility: The case of Greece. <i>Transportation Research Board, Annual Meeting</i>, Washington DC.
<ul style="list-style-type: none"> ▪ Zampou E., Milioti C., Liapis A., Rodrigalvarez V., Flocke F, Dimitrakopoulos G (2018). Big data analytics in e-commerce logistics: Findings from a systematic review and a case study. <i>Transport Research Arena</i>, April 2018, Vienna
<ul style="list-style-type: none"> ▪ Milioti, C., Iliopoulou, C, and Kepaptsoglou, K. Modeling the effect of subway strikes on bus operations using Automatic Vehicle Location Data. <i>HEART 2018 – 7th Symposium of the European Association for Research in Transportation conference</i>.
<ul style="list-style-type: none"> ▪ Milioti, C., Karlaftis M and Akkogiounoglou, E. (2015). A Multivariate Probit Model for Analyzing Travelers’ Choice of Airline Carrier. <i>Proceedings of ICTR</i>, November 2015, Athens
<ul style="list-style-type: none"> ▪ Milioti, C, Pnevmatikou, A., and Karlaftis M. (2014). Mobility Patterns, User Behavior and Financial Crisis: An Exploratory and Revealed Preference Analysis, <i>European Transport Conference</i>, September 2014, Frankfurt, Germany.
<ul style="list-style-type: none"> ▪ Pnevmatikou, A., Milioti, C. and Karlaftis M. (2014). Economic Recession and the impact of ICT on Integrated Mobility during Disruptive Events. <i>Conference on Engineering and Applied Sciences Optimization (OPT-i)</i>, Greece, June 2014
<ul style="list-style-type: none"> ▪ Milioti, C. and Karlaftis M. (2014). Demand for gasoline in Greece: the effect of economic recession. <i>Transport Research Arena</i>, April 2014, Paris

CONFERENCES/WORKSHOPS/etc

Conferences

- Member of the Scientific Committee. 10th International Conference on Transport Research (10th ICTR), 2021, Rhodes island, Greece
- Member of the Organization Committee. 9th International Conference on Transport Research (9th ICTR), 2019, Athens, Greece
- Member of the Organization Committee. 8th International Conference on Transport Research (8th ICTR), 2017, Thessaloniki, Greece
- Member of the Organization Committee. 10th International Conference on the Applications of Advanced Technologies in Transportation (AATT 2008), Athens, Greece.
- TRA. Transport Research Arena, April 2014, Paris
- Annual Meeting of the Transportation Research Board, Washington DC, (2009), (2010), (2011), (2013)
- 10th International Conference on Applications of Advanced Technologies Transportation

Educational Seminars

- Business Analytics & Big Data, Athens University of Economics and Business, October-December 2011
- Cemmap Training Course: Panel Time Series Data. UCL, London, Economics Department, May 2010
- Marathon Data Systems. ArcGIS, May 2013

MEMBERSHIPS & REVIEWING ACTIVITIES

2017	Evaluator at the National Exams for Air Traffic Controllers run by the Supreme Council for Civil Personnel Selection (ASEP) for the Ministry of Infrastructure, Transport and Networks
2012-today	Journal Reviewer: Journal of Transport Geography, Advances in Transportation Studies, Transportation Research Part C, International Journal of Transport Economics, ASCE. Journal of Transportation Engineering Part A: systems, International Journal of Transportation Science and Technology. Journal of Retailing and Consumer Services. International Journal of Retail & Distribution Management. Journal of traffic and Transportation Engineering (English edition), Transport Policy, Case studies on Transport Policy. Conference Reviewer: International IEEE Conference on Intelligent Transportation Systems, International Conference on Transportation Research, Annual Meeting of the Transportation Research Board.
2008	Technical Chamber of Greece
2010	Hellenic Institute of Transportation Engineers
2008	Hellenic Society of Civil Engineers

TEACHING ACTIVITIES

	Undergraduate
2020 - today	Assistant Professor - Design of Airports, Intelligent Transportation Systems, Road Design, Analysis of Transportation Systems. Department of Civil Engineering, University of West Attica, Greece
2018-2020	Adjunct Assistant Professor - Design of Airports, Intelligent Transportation Systems, Road Design, Department of Civil Engineering, University of West Attica, Greece
2017-2018	Adjunct Assistant Professor – Supply Chain Management, Department of Civil Engineering, University of West Attica, Greece
2017	Adjunct Assistant Professor - Design of Airports, Department of Civil Engineering, University of Patras, Greece
2016-2017	Adjunct Assistant Professor - Operational Research, Cost Analysis of Structures, Department of Civil Engineering, Technological Educational Institute of Piraeus, Greece
2017-2018	Teaching Assistant - Transportation Systems, Design of Transportation Systems - Transport Economics. School of Rural, Surveying and Geoinformatics Engineering, NTUA.
	Postgraduate
2019-today	“Applied Environmental Protection policies and techniques”. University of West Attica, Greece.
2018-2020	“Environmental Design of Infrastructure Works” Hellenic Open University, Greece.
2017-2019	“Master in Business Administration”. University of West Attica, Greece. (course: Demand Analysis and Forecasting)

SUPERVISION OF GRADUATE STUDENTS & POSTDOCTORAL FELLOWS

2020-today	Supervision of more than 10 diploma thesis in the Department of Civil Engineering, University of West Attica, Greece.
2020	Ph.D Committees participation. Title: Model development for the optimization of network operation in the aftermath of a catastrophic event (Supervisor: A. Stathopoulos, Professor NTUA).
2018-2020	Supervision of Master Theses, Master "Environmental Design of Infrastructure", Hellenic Open University, Greece.
2010-2019	Supervision of diploma theses as a teaching assistant in the Schools of Civil Engineering/ School of Rural, Surveying and Geoinformatics Engineering of NTUA.

FELLOWSHIPS and AWARDS

2017 - 2019	Scholarship for Post-Doctoral Studies, Hellenic State Scholarships Foundation (selection among 5% of applicants). Title "Big data analysis for efficient public transport demand management
2009	Scholarship for Postgraduate Studies, Athens University of Economics and Business.

RESEARCH GRANTS

Participation in more than international/national **15 research projects since 2007**.

Main research areas: Transport demand analysis, transportation planning, feasibility analysis of transportation systems and infrastructures, airport design, travel behavior, transport economics, congestion pricing.

Main research activities: Data modeling with the aid of statistical and econometric packages. Statistical and econometric analysis of transportation data. Big data analytics.

Selected research projects are summarized in the following Table.

Project Title	Funding source	Period	Role of the PI
Workforce Europe - Transformation Agenda for Transport Automation” (WE-TRANSFORM)	European Commission under the Horizon 2020 Research and Innovation program. Total Budget:2.499.396 euros	2021-2023	Scientific Consultant of the UNIWA team jointly with Prof Tyrinopoulos
Issues Associated with the Current Slot Allocation Process in Europe <u>PI:</u> Prof Amedeo Odoni, MIT	Airports Council International	2019	Senior Researcher
Big data analysis for efficient public transport demand management Supervisor: Professor K. Kepaptsoglou, NTUA	Hellenic State Scholarships Foundation	2017-2019	Senior Researcher
TT -Transforming Transport. Horizon 2020. Big Data Value Lighthouse project.	European Commission	2017-2018	Senior Researcher
Feasibility study and Master plan for the runway expansion of the Airport in Kythira.	Region of Attica	2017-2018	Member of the consulting group of ARMENIS SA
U-TURN Rethinking Urban Transportation Through Advanced tools and supply chain collaboration	European Commission	2016-2018	Senior Researcher

Investigation of the perceived risk of travelers against incidents: The case of the Athens metro	Athens Metro S.A	2017	Senior Researcher
The effects of the financial recession on the transport sector: the case of Greece.	General secretariat for research and Technology, Greece	2013-2015	Researcher
EERNV-Energy Efficiency of Road Networks and Vehicles: Measurement, Pricing, Regional and Environmental Effects	Ministry of Education, Life-long Learning and Religious Affairs	2012-2015	Researcher
Procurement of Consultancy Services to Conduct Transport Modeling and Feasibility Study for Mass Transit in Faisalabad, Pakistan	Punjab Metrobus Authority	2014	Member of the consulting group of Osmani Consulting – ADK SA
Investigation of the Potential of Exclusive Use of Panepistimiou Corridor by Public Transportation Modes	Greek Ministry of Environment, Energy and Climate Change.	2011	Researcher
Development of CERN's Campus Sustainable Mobility Plan	European Organization for Nuclear Research	2010-2011	Researcher
Policy Measures for facing congestion in urban areas: Design of a congestion pricing scheme for the city of Athens	Institute for Local Government in Athens	2008-2009	Researcher
Evaluation of the potential of introducing night time bus lines at the Athens area	Athens Urban Transport Organization	2008	Researcher