



CV

2012-present: Coordinator and Tutor of Ph.D. Course in Engineering and Economics of Transport at the University of Palermo. Lecturer of System Transport Theory and Sustainable Mobility. Coordinator of the Erasmus agreement with the Transport Faculty of the University of Zagreb.

2012-2015: involved in the creation of a network of laboratories for Safety, Sustainability and Efficiency of Transport of the Sicilian Region. Project financed by PO FESR 2007-2013.

2012: Lecturer of "Regulatory aspects and calculation methodology for the estimation of environmental indicators" (8 hours) within the Master's degree course in "Transport Systems: management modal integration and sustainable mobility" promoted by the University of Catania .

Lecturer of Naval Transport "module" (25 hours) as part of the training course "training program for engineering techniques in the field of naval transport" related to the research project "Innovative boat to support efficient wing and high passenger comfort", code PON01_01605 project, financed on a PON research and Competitiveness 2007-2013.

Lecturer of Transport Economics and Technique (20 hours) within the Master's degree course in "management and operation of transportation of goods: logistics and intermodal infrastructure" sponsored by the University of Palermo.

Lecturer of the module "the necessity of recourse to air transport in emergency conditions" (6 hours) within the Master in "Expert IN TRAUMATIC DISASTER MANAGEMENT" promoted by the University Consortium UNISOM.

2005-2012: Vice Coordinator and Tutor of Ph.D. Course in Engineering and Economics of Transport at the University of Palermo.

2011-present: Reviewer for international journals "Environmental Pollution" and "Science of the Total Environment" published by Elsevier.

2009-2010: Involved in the working group within the framework of the agreement between the municipality of Palermo and the Transport Engineering Department of the University of Palermo to the drafting of the General Urban Traffic Plan.

Involved in the working group within the framework of the agreement between the municipality of Castellammare del Golfo and the Transport Engineering Department of the University of Palermo to the drafting of the General Urban Traffic Plan.

2009: Senior Scientific collaborator of Meridionale Innovazione Trasporti scarl.

2008: Involved in the working group within the framework of the agreement between the AGUSTA Westland and the Transport Engineering Department of the University of Palermo to the use of VTOL in civil aviation.

Involved in the working group within the framework of the agreement between the transport mobility company of Trapani and the Transport Engineering Department of the University of Palermo to the restructuring of the collective transport network in the urban area of Trapani.

Participates in the planning and in the realization (as lecturer and as figure) of the path of EXCELLENCE for the TRAINING of PROFESSIONALS in the FIELD of Transport and Logistics. "Voucher for excellent paths/Transport Area" Educational Action: POR Sicilia 2000-2006 — Measure 3.13.

2007-2012: General Secretary of the Bachelor and Master's Degree in Civil Engineering and member of the Educational Committee of the same Course.

2007: Involved in the working group within the framework of the agreement between the transport mobility company of Trapani and the Transport Engineering Department of the University of Palermo to the Parking Pricing Plan in the urban area of Trapani

Involved in the working group within the framework of the agreement between the city of Trapani and the Transport Engineering Department of the University of Palermo on optimal localization of urban railway station.

Involved in the working group within the framework of the agreement between the municipality of Castelbuono and the CIRCES of the University of Palermo for the drafting of the General Urban Traffic Plan.

2006: Lecturer of Transport Planning module (20 hours) within the framework of the International Master's degree course in Tourism Integrated Relational and territorial planning, promoted by the Faculty of architecture of the University of Palermo.

Lecturer of Transport Planning module (4 hours) within the Master in procedures and techniques of Environmental

Assessment, promoted by the University of Palermo.

2005-2014: Scientific consultant for the drafting of the General Urban Traffic Plan and the Parking Pricing Plan for the summer season of the municipality of San Vito Lo Capo

2003: Lecturer of the "Territorial Use and mobility" module (9 hours) within the Master in Road Safety Engineering organized by CERISDI

2002: Invited speaker to the Post-Graduate Course "Techniques for urban security" held in Desenzano del Garda (Brescia)

2002-2003: Involved in the working group for the definition of "Logistics Platform Plan in Sicily for the road freight transport", agreement between the Department of Tourism, Transport and Communications of the Sicilian Region and the Department of Aeronautical Engineering and Transportation at the University of Palermo.

2001: Involved in the working group for the "Modeling of urban and extra-urban roads," agreement between CETENA S.P.A and the University of Palermo.

Involved in the working group for the "feasibility study of automatic light rail of Palermo", agreement between the regional province of Palermo and the Engineering Department of road infrastructures of the University of Palermo.

Involved in the working group for the study on mobility of passengers on leaders Palermo – Catania – Palermo and

Agrigento, agreement between Railway National Company - Infrastructure Division and the Universities of Palermo, Catania, Trieste.

2001-present: Lecturer of Urban and Metropolitan Transport and Experimental Laboratory of Transport. Bachelor and Master's Degree in Civil Engineering. University of Palermo.

2001: Ph.D. in Engineering and Economics of Transport at the University of Palermo.

2000: Academic visitor. Institute for Transport Studies. University of Leeds (UK).

List of the main publications:

1. CASTELLUCCIO F, MARITANO L, AMOROSO S, **MIGLIORE** M (2016). A comparative analysis between helicopter and seaplane for passenger transport. AIRCRAFT ENGINEERING AND AEROSPACE TECHNOLOGY, vol. 88, p. 580-590, ISSN: 1748-8842, doi: 10.1108/AEAT-01-2015-0024

2. CASTELLUCCIO F, D'ORSO G, **MIGLIORE** M, SCIANNA A (2016). GIS infomobility for travellers. In: COMPUTATIONAL SCIENCE AND ITS APPLICATIONS - ICCSA 2016, PT III. LECTURE NOTES IN COMPUTER SCIENCE, vol. 9788, p. 519-529, ISSN: 0302-9743, Beijing, China, JUL 04-07, 2016, doi: 10.1007/978-3-319-42111-7_41

3. Castelluccio F., Maritano L., Amoroso S., **Migliore** M. (2015). Cost analysis for a future helicopter for passenger transport. AIRCRAFT ENGINEERING AND AEROSPACE TECHNOLOGY, vol. 87, p. 139-146, ISSN: 1748-8842, doi: 10.1108/AEAT-12-2013-0240

4. Castelluccio F, Catalano M, Fichera D, **Migliore** M, Amoroso S (2015). Standardization of road danger signs in the European union. PROMET, vol.27, p. 1-11, ISSN: 0353-5320

5. CATALANO M, **MIGLIORE** M (2014). A Stackelberg-game approach to support the design of logistic terminals. JOURNAL OF TRANSPORT GEOGRAPHY, vol. 41, ISSN: 0966-6923, doi: 10.1016/j.jtrangeo.2014.08.010

6. **MIGLIORE** M, LO BURGIO A, DI GIOVANNA M (2014). Parking pricing for a sustainable transport system. In: 17th Meeting of the EURO-Working-Group on Transportation (EWGT). TRANSPORTATION RESEARCH PROCEDIA, vol. 3, p. 403-412, ISSN: 2352-1465, Sevilla, SPAIN, JUL 02-04, 2014, doi: 10.1016/j.trpro.2014.10.021

7. **Migliore** M, Catalano M, Castelluccio F, Lo Burgio A, Di Giovanna M (2014). The latent factors behind the urban travel behaviour.. PROCEDIA: SOCIAL & BEHAVIORAL SCIENCES, vol. 111, p. 282-291, ISSN: 1877-0428, doi: 10.1016/j.sbspro.2014.01.061

8. Bergantino AS, Bierlaire M, Catalano M, **Migliore** M, Amoroso S (2013). Taste heterogeneity and latent preferences in the choice behaviour of freight transport operators. *TRANSPORT POLICY*, vol. 30, p. 77-91, ISSN: 0967-070X, doi: 10.1016/j.tranpol.2013.08.002
9. **Migliore** M, Catalano M, Lo Burgio A, Maritano L, Zangara A. (2013). MODELLING THE ACCESSIBILITY TO PUBLIC LOCAL TRANSPORT FOR INCREASING THE EFFICIENCY AND THE EFFECTIVENESS OF THE SERVICE. THE CASE STUDY OF ROCCELLA AREA IN PALERMO. In: 19th International Conference on Urban Transport and the Environment. p. 193-203, ISBN: 978-1-84564-716-2, Kos (Greece), 29-31 Maggio 2013
10. Amoroso S, **Migliore** M, Catalano M, Galatioto F (2012). The interaction between rail stations and urban area in medium-sized towns. A case study for Trapani. *INGEGNERIA FERROVIARIA*, vol. 11, p. 923-941, ISSN: 0020-0956
11. Amoroso S, **Migliore** M, Catalano M, Castelluccio F (2012). Vertical take-off and landing air transport to provide tourist mobility.. *JOURNAL OF AIR TRANSPORT MANAGEMENT*, vol. 24, p. 49-53, ISSN: 0969-6997, doi: 10.1016/j.jairtraman.2012.06.006
12. **Migliore** M, Catalano M, Lo Burgio A, Maritano L (2012). The analysis of urban travellers' latent preferences to explain their mode choice behaviour. In: *Environmental Impact 2012*. vol. 2012, p. 193-203, doi: 10.2495/EID120181
13. Amoroso S, **Migliore** M, Catalano M, Galatioto F (2010). A demand-based methodology for planning the bus network of a small or medium town. *EUROPEAN TRANSPORT/TRASPORTI EUROPEI*, vol. 2010, ISSN: 1825-3997
14. GALATIOTO F, ZITO P, **MIGLIORE** M (2009). TRAFFIC PARAMETERS ESTIMATION TO PREDICT ROAD SIDE POLLUTANT CONCENTRATIONS USING NEURAL NETWORKS. *ENVIRONMENTAL MODELING & ASSESSMENT*, vol. 2009, p. 365-374, ISSN: 1420-2026, doi: 10.1007/s10666-007-9129-z
15. **MIGLIORE** M, CATALANO M (2007). Urban public transport optimization by bus ways: a neural network-based methodology. In: (a cura di): C. A. BREBBIA, *Urban Transport XIII: Urban Transport and the Environment in the 21st Century*. p. 347-356, SOUTHAMPTON:C. A. Brebbia, ISBN:978-1-84564-087-3
16. AMOROSO S., **MIGLIORE** M, SALERNO S., ZITO P. (2005). Analysis of the traffic management policy measures adopted in the Central Business District of Palermo. In: C.A. BREBBIA, L. WADHWA. *URBAN TRANSPORT XI*. p. 3-13, WIT PRESS, ISBN: 1-84564-008-X
17. ZITO P, SALERNO S, **MIGLIORE** M, AMOROSO S (2003). Electric car: a tool to reduce environmental impact. To purchase or to share it ?. In: L.J. SUCHAROV C.A. BREBBIA. *Urban Transport IX*. *ADVANCES IN TRANSPORT*, vol. 14, p. 303-312, SOUTHAMPTON:WIT Press, ISBN: 1-85312-961-5, ISSN: 1462-608X
18. SALERNO S, ZITO P, **MIGLIORE** M, AMOROSO S (2003). Environmental impact of electric cars in the urban area of Palermo. In: C.A. BREBBIA F. PATANIA. *Air Pollution XI*. *ADVANCES IN AIR POLLUTION*, p. 643-652, ISBN: 1-85312-982-8, ISSN: 1369-5886

19. **MIGLIORE M** (2002). The perception of network congestion by using parking fees. In: L.J. SUCHAROV, C.A. BREBBIA F. BENITEZ. Urban Transport VIII. ADVANCES IN TRANSPORT, p. 449-458,SOUTHAMPTON:WIT Press, ISBN: 1-85312-905-4, ISSN: 1462-608X
20. AMOROSO S, **MIGLIORE M** (2001). Neural networks to estimate pollutant levels in canyon roads. In: L.J. SUCHAROV AND C.A. BREBBIA. Urban Transport VII. ADVANCES IN TRANSPORT, p. 381-388,SOUTHAMPTON:WIT Press, ISBN: 1-85312-856-1, ISSN: 1462-608X