



CURRICULUM VITAE OF GABRIELLA MAZZULLA

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PERSONAL INFORMATION

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Publications	http://www.scopus.com/authid/detail.uri?authorId=6506549346 https://scholar.google.it/citations?user=ne-WvDQAAAAJ
Current role and affiliation	Associate Professor of the Department of Civil Engineering at the University of Calabria
Scientific-Disciplinary Sector	ICAR/05 - Transportation
Academic field for Italian University national recruitment	08/A3 – Infrastructural and Transportation Engineering, Real Estate Appraisal and Investment Valuation
Academic Area	Area 08 - Civil Engineering and Architecture 08/A - Landscape and Infrastructural Engineering

EDUCATION

February, 2002	Ph.D. in “Infrastrutture viarie e sistemi di trasporto” achieved from University of Naples “Federico II”, Italy. Doctoral Thesis: “I modelli avanzati di simulazione del deflusso nella analisi delle interazioni traffico stradale - ambiente”; Doctoral Coordinator: prof. Tommaso Esposito; Supervisor: prof. Demetrio C. Festa.
April, 1995	Five-year Degree in Civil Engineering with orientation in Transportation Engineering, achieved from University of Calabria. Degree Thesis: “Analisi sperimentale di modelli di simulazione dell’inquinamento acustico da traffico”. Thesis Director: prof. Demetrio C. Festa.

REVIEWING ACTIVITIES

2016	Italian Research and University Evaluation Agency (ANVUR), Invited Reviewer for the evaluation of the Italian research system for the period 2011-2014 (VQR 2011-2014).
2016	TRB AP010 Committee on Transit Management and Performance, Committee Paper Reviewer , Transportation Research Board.
2016	TRB AP015 Committee on Transit Capacity and Quality of Service, Committee Paper Reviewer , Transportation Research Board.
Since 2016	Expert Systems with Applications, An International Journal (ISSN 0957-4174), published by Elsevier.
Since 2016	Journal of Advanced Transportation (ISSN (Online) 2042-3195), published by Hindawi Publishing Corporation
Since 2016	Sustainability (ISSN: 2071-1050), published by Multidisciplinary Digital Publishing Institute (MDPI).
Since 2016	Ain Shams Engineering Journal (ISSN 2090-4479), published by Elsevier.
Since 2016	International Journal of Management and Decision Making (Print ISSN 1462-4621, Online ISSN 1741-5187), published by Inderscience.
2015	CIT 2016, XII Conference on Transport Engineering (Member of the Scientific Committee)
Since 2015	Transportation Research Part B, Methodological (ISSN 0191-2615), published by Elsevier.
Since 2015	Transportation Research Part C, Emerging Technologies (ISSN 0968-090X), published

- by Elsevier.
- Since 2015 Transportation (ISSN 0049-4488 (Print) 1572-9435 (Online)), published by Springer.
 - Since 2015 Traffic Injury Prevention (ISSN (Print) 1538-9588, (Online) 1538-957X), published by Taylor&Francis Group.
 - Since 2015 Advances in Transportation Studies, An International Journal (ISSN 1824-5463), published by Aracne editrice.
 - Since 2015 SpringerPlus (ISSN 2193-1801 (Online)), published by Springer.
 - Since 2015 Eurasian Business Review (ISSN (Print) 1309-4297, (Online) 2147-4281), published by Springer.
 - Since 2015 Discrete Dynamics in Nature and Society (ISSN: 1026-0226 (Print), ISSN: 1607-887X (Online), published by Hindawi Publishing Corporation.
 - Since 2014 Transport (ISSN 1648-4142), **Member of Editorial Board**, published by Taylor&Francis Group.
 - Since 2014 Renewable & Sustainable Energy, (Print ISSN 2249-1694, Online ISSN 2249-1708), **Member of Advisory Board**, published by Bioinfopublications.
 - 2014 XVIII Congreso Panamericano de Ingeniería de Tránsito, Transporte y Logística
 - 2014 18th Online World Conference on Soft Computing in Industrial Applications (program committee member) 18th Online World Conference on Soft Computing in Industrial Applications (**Program Committee Member**)
 - Since 2014 Journal of Intelligent Transportation Systems: Technology, Planning, and Operations (ISSN (Print) 1547-2450, (Online) 1547-2442), published by Taylor&Francis Group.
 - Since 2014 European Transport Research Review: An Open Access Journal (ISSN 1867-0717), published by Springer.
 - Since 2014 African Journal of Business Management (ISSN 1993-8233), published by Academic Journals.
 - Since 2013 Transport Policy (ISSN 0967-070X), published by Elsevier.
 - Since 2013 Transportation Research A, Policy and Practice (ISSN 0965-8564), published by Elsevier.
 - Since 2013 Transportation Science (ISSN 0041-1655), published by INFORMS (Institute for Operations Research and the Management Sciences).
 - Since 2013 Transportmetrica A: Transport Science (ISSN (Print) 2324-9935, (Online) 2324-9943), published by Taylor&Francis Group.
 - Since 2013 Transport (ISSN 1648-4142), published by Taylor&Francis Group.
 - Since 2013 International Journal of Transportation (ISSN 2287-7940), published by SERSC (Science and Engineering Research Support Society).
 - Since 2013 Journal of Civil Engineering and Architecture (ISSN 1934-7359), published by David Publishing Company, El Monte, CA, USA.
 - Since 2013 International Journal of Innovations in Information Technology (ISSN 1308-6022), **Member of Editorial Board**, published by Edugait Press.
 - Since 2013 Econometrics (Print ISSN 2328-5044, Online ISSN 2328-5052), **Member of Editorial Board**, published by SCIKNOW Group, NY, USA.
 - 2013 Road Safety and Simulation (RSS) 2013 International Conference
 - 2013 Scientific Research Programs funded by Italian Ministry for Education, Universities and Research (PRIN 2012).
 - 2012 WCTR 2013 International Conference, Brazil.
 - Since 2012 Modern Traffic and Transportation Engineering Research, **Member of Editorial Board**, published by the American V-King Scientific Publishing, LTD.
 - Since 2012 Transactions on Intelligent Transportation Systems and Intelligent Transportation Systems Magazine, published by IEEE
 - 2012 17th Online World Conference on Soft Computing in Industrial Applications. Special Session on Emerging Theories and Applications in Transportation Science (**Program**

Committee Member)

- Since 2011 International Journal of Sustainable Transportation, Taylor&Francis Group. ISSN 1556-8318.
- Since 2010 The Service Industries Journal, Routledge, Taylor&Francis Group. ISSN 0264-2069.
- 2010 SIDT 2010 International Conference, Italy.
- 2009 SIDT 2009 International Conference, Italy.
- Since 2009 European Journal of Transport and Infrastructure Research, Delft University of Technology, The Netherlands. ISSN 1567-7141.
- Since 2008 Urban Studies, An International Journal for Research in Urban and Regional Studies, University of Glasgow, Scotland, UK. ISSN 0042-0980.
- Since 2008 Journal of Public Transportation, Center for Urban Transportation Research (CUTR), Tampa, Florida, USA. ISSN 1077-291X.
- 2008 Workshop on "Infrastrutture e Paesaggio. Riflessioni, esperienze, prospettive di ricerca". Department of Land Use Planning, University of Calabria, Italy.
- 2008 SIDT 2008 National Conference, Italy.
- 2008 Scientific Research Programs funded by Italian Ministry for Education, Universities and Research (PRIN 2007).
- Since 2007 European Transport, International Journal of Transport Economics, Engineering and Law, Institute for the Study of Transport within the European Economic Integration (ISTIEE), Trieste, Italy. ISSN 1825-3997.
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TEACHING ACTIVITIES

**DEGREE AND POST-DEGREE COURSES
(AS TEACHER)**

- Since 2010 Transit Systems.
- Since 2010 Fundamental Elements of Transportation.
- From 2004 to 2010 Traffic Flow Theory.
- From 2003 to 2010 Urban and Metropolitan Transport.
- From 2002 to 2004 Transport System Designing.
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**DEGREE AND POST-DEGREE COURSES
(AS TUTOR)**

- From 1997 to 2003 Transportation Planning.
- From 1997 to 2001 Transport System Theory.
- From 2000 to 2001 Introduction to Civil Engineering.
- From 2000 to 2001 Statistics and Probabilities Calculation.
- From 1996 to 2000 Transportation Technique and Economics.
- From 1996 to 1997 Traffic Flow Theory.
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RESEARCH ACTIVITIES

RESEARCH TOPICS

Passenger transportation demand.

Design of transportation networks and simulation of traffic flow.

Transit systems analysis, with particular regard to service quality evaluation.

Environmental impact appraisal of transportation facilities, with particular regard to atmospheric and noise pollution from road traffic.

Land Use and Transport interactions.

Freight transportation.

Road safety, with particular regard to accident risk analysis and driving behaviour.

RESEARCH PROJECTS
(AS COORDINATOR)

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|-------------------|---|
| From 2016 to 2018 | Scientific Research Project sponsored by Spanish Ministry of Economy and Competitiveness "Public transport evaluation techniques from users' perspective: Comparative analysis for service management implementation", Plan Nacional I+D+I (2013-2016) TRA2015-66235-R, as local Coordinator. |
| From 2014 to 2015 | Scientific Research Project sponsored by China Scholarships Council (CSC) "Transportation of Passengers and Service Quality Assessment for Rail Transport". |
| From 2013 to 2015 | Scientific Research Project sponsored by Agencia de Obras Publicas de Andalucía, (España) "Mejora de la calidad del TP para fomentar la movilidad sostenible. Aplicación al Metro de Sevilla", as local Coordinator. |
| From 2013 to 2015 | Scientific Research Project sponsored by University of Calabria (ARUE Program, PO CALABRIA FSE 2007-2013) "Accessibilità e Trasporti Sostenibili (ATraS)". |
| From 2011 to 2013 | National Program 01_01541 "M2M-Mobile to Mobility: the use of smartphones in the implementation of a cooperative road traffic safety information system", as Coordinator of the Industrial Research activities. |
| From 2010 to 2013 | Scientific Research Project sponsored by University of Calabria (ex M.U.R.S.T. 60%): "La modellazione delle interazioni tra il sistema territoriale e il sistema dei trasporti tramite tecniche di analisi spaziale e GIS". |
| 2011 | Scientific Research Project sponsored by the Transit Agency "Autoservizi Preite": "Rilevamento della qualità dei servizi eserciti dall'Azienda Autoservizi Preite finalizzato all'analisi delle percezioni dei passeggeri sui sistemi innovativi di bigliettazione automatica". |
| From 2008 to 2009 | Scientific Research Project sponsored by University of Calabria (ex M.U.R.S.T. 60%): "Studio delle interazioni tra il sistema dei trasporti ed il sistema delle attività alla scala urbana". |
| From 2007 to 2008 | Scientific Research Project sponsored by the Transit Agency "Autoservizi Preite": "L'analisi della qualità dei servizi eserciti dall'Azienda Autoservizi Preite". |
| From 2006 to 2007 | Scientific Research Project sponsored by University of Calabria (ex M.U.R.S.T. 60%): "Metodologie e strumenti per la valutazione della qualità dei servizi di trasporto collettivo". |
| From 2004 to 2005 | Scientific Research Project sponsored by University of Calabria (ex M.U.R.S.T. 60%): "Metodologie e strumenti per l'analisi e la valutazione del trasporto delle merci". |
| From 2003 to 2004 | Community Program 2000/06 "Interreg IIIB Mediterraneo occidentale", Project "Mèrope: strumenti telematici per servizi innovativi di mobilità e logistica per le aree urbane e metropolitane". |

RESEACH PROJECTS (AS MEMBER)

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| From 2011 to 2013 | National Program 01_01541 "M2M-Mobile to Mobility: the use of smartphones in the implementation of a cooperative road traffic safety information system". |
| From 2007 to 2008 | National Program 2000/06 "Centri di Competenza Tecnologica", Project "Laboratorio per la Mobilità Sostenibile - Nodo Calabria del Centro di Competenza Innovazione Trasporti MIT". |

From 2006 to 2007	Community Program 2000/06 "Interreg IIIB Archimed", Project "FREEMED: New mobility scenarios in the FREE trade zone in MEDiterranean basin".
From 2004 al 2006	Community Program 2000/06 "Interreg IIIB Mediterraneo occidentale", Project "REMOMED: Réseau européen intermodal pour un développement intégré des espaces de la Méditerranée occidentale".
From 2003 al 2004	Community Program 2000/06 "Interreg IIIB Mediterraneo occidentale", Project "Regions On Line (ROL): Portales d'information integree pour le citoyen".
From 2003 al 2004	Community Program 2000/06 "Interreg IIIB Mediterraneo occidentale", Project "Accessibilità e Intermodalità: la coesione del bacino del Mediterraneo attraverso la gestione dei sistemi di trasporto regionali, nazionali e transfrontalieri per garantire l'intermodalità e l'accessibilità ai servizi e ai poli attrattivi regionali dei flussi passeggeri e merci".
From 2002 to 2004	Scientific Research Programs funded by Italian Ministry for Education, Universities and Research (PRIN 2002) "Sistemi di trasporto non convenzionali; campi applicativi e analisi di fattibilità".
2001	Community Program 1997/99 "Interreg IIC Mediterraneo occidentale & Alpi Latine", Project "Accessibilità: analisi e studio delle infrastrutture di trasporto transnazionali – garantire l'accessibilità ai flussi passeggeri e merci per la coesione del bacino del Mediterraneo".
From 2000 to 2002	Scientific Research Programs funded by Italian Ministry for Education, Universities and Research (PRIN 2002) "Influenza sulla sicurezza stradale della manutenzione delle sovrastrutture".
From 1998 to 2001	National Program 1994/99 "Interventi pilota per la riqualificazione ambientale ed economica di aree campione del litorale tirrenico cosentino e del basso Ionio reggino".
From 1995 to 1999	Transport Project sponsored by the Italian National Research Council "Governo della mobilità e strumenti per la pianificazione", Topic "Trasporti e ambiente", Research Project "Metodi operativi per la V.I.A. delle infrastrutture di trasporto".

PH.D. SUPERVISOR

November 2014-October 2017	Giuseppe Pungillo, Ph.D. Thesis "Lo studio della sicurezza stradale per una mobilità sostenibile. Analisi del comportamento di guida dei conducenti delle autovetture", Ph.D. Course in "Ingegneria Civile e Industriale", University of Calabria, Italy.
July 2012-December 2012	Rocio de Oña Lopez, Ph.D. Thesis "Análisis de la calidad del servicio percibida por los usuarios del transporte público metropolitano en autobús mediante Árboles de Decisión", Research Project "Q-METROBUS – Quality of service indicator for METROpolitan public BUS transport services", founded by Junta de Andalucía (proy. Excelencia-08) P08-TEP-03819. Ph.D. Course in "Seguridad, calidad y optimización de recursos en infraestructuras y su relación medioambiental (242.99.2)", University of Granada, Spain.
November 2009-October 2012	Forciniti Carmen, Ph.D. Thesis "La modellazione delle interazioni tra il sistema territoriale e il sistema dei trasporti", Ph.D. Course in "Tecnologie e pianificazione ambientale", University of Calabria, Italy.
November 2004-October 2007	Eboli Laura, Ph.D. Thesis "Modelli avanzati per la simulazione delle scelte di viaggio degli utenti del trasporto pubblico locale", Ph.D. Course in "Tecnologie e pianificazione ambientale", University of Calabria, Italy.

RESEARCH TUTOR

November 2015-October 2017	Carmen Forciniti, Research Program "Accessibilità ai trasporti collettivi: analisi delle interazioni trasporti-territorio nel caso della rete metropolitana della città di Madrid" (24 months), University of Calabria, Italy.
May 2014-April 2015	Giuseppe Pungillo, Research Program "L'influenza dei fattori psico-fisici sullo stile di guida dei conducenti delle autovetture" (12 months), University of Calabria, Italy.
November 2013-April 2014	Carmen Forciniti, Research Program "Accessibilità e trasporti sostenibili" (18 months), University of Calabria, Italy.

December 2012-November 2013	Carmen Forciniti, Research Program “Studio delle interazioni tra il sistema dei trasporti e il sistema territoriale” (16 months), University of Calabria, Italy.
May 2012-October 2013	Domenico Walter Edwige Mongelli, Research Program “Analisi dei parametri cinematici e motoristici dei veicoli finalizzati al miglioramento della sicurezza della circolazione stradale” (18 months), University of Calabria, Italy.
February 2008-November 2008	Laura Eboli, Research Program “Metodi e modelli per lo studio dei trasporti collettivi”. (14 months), University of Calabria, Italy.

ACADEMIC PUBLICATIONS

More than 140 publications, divided into	53 paper in refereed journal 4 books as co-author or editor 35 paper in Conference proceedings 41 book chapters 9 research reports
Main scientific international journals	Transportation Research part A Transportation Research part C Transportation Research part F Transport Reviews Transport Policy International Journal of Sustainable Transportation Transportation Planning and Technology Journal of Public Transportation Accident Analysis and Promotion International Journal of Injury Control and Safety Promotion European Journal of Operational Research European Transport European Transport Research Review
