

CURRICULUM

NAME

Marco MAZZARINO

CURRENT POSITION

Associate professor of Applied Economics at the Faculty of Planning – University IUAV of Venice

EDUCATION

1998-2000, post-doc fellowship in transport and logistics at the Economics Department of the University of Trieste

1997, Doctoral Programme in “Transport, Traffic and Environment” at the University of Trieste. Thesis subject: port efficiency assessment through a short-run linear stochastic model.

1996, research period at the Institute for Transport Studies - University of Leeds (MSc (Eng) degree and postgraduate diploma in Transport Planning and Engineering).

1995, Summer Program in “Modeling and Simulation for Dynamic Transportation and Management System” at MIT (Boston).

1992, degree in Economics at the University of Trieste. Thesis subject: maritime transport and the container problem with reference to the Trieste port.

EDUCATIONAL ACTIVITIES

Professor of Transport Economics and Logistics and Land Use at the Faculty of Planning of the University IUAV of Venice

Promoter of the international three-years degree project in “Global Economics and Logistics”. The project is jointly carried out by the Faculty of Planning of the University IUAV of Venice, the Faculty of Architecture of the University of Trieste, the Institute of Technology of Carlow (Ireland) and the Hellenic Institute of Transport.

Director of the Master programme “Logistics and Transport” at University IUAV of Venice. The initiative is carried out with the cooperation of the University of Trieste and the University Ca' Foscari of Venice.

<http://iuav.inet2.it/dp/formazione/master/0708/MLogistica0708.html>

(2006-7) Professor at the Master Programme in “Sustainable Transport, Geographic Information, Logistics and Economic Integration with the Central and South-East Europe”. The initiative is promoted by the University of Trieste with the cooperation of the University IUAV of Venice.

(2005-6) Director of the Master programme “International Master Programme in Transport, Logistics and Economic Integration with the Balkan Area” at the University of Trieste. The initiative is promoted by the University of Trieste in cooperation with the University IUAV of Venice and ICE.

(2005-6) Director of the Master programme “Economics, law and policy of maritime transport” at the University of Trieste. The initiative is promoted by the University of Trieste with the cooperation of the University IUAV of Venice and Confitarma (the National Shipowners Association).

(2003) Professor in charge of the permanent educational programme “Cities and transport: the success of public transport in Europe” at the Department of Planning of IUAV (University of Venice)

(1998-2004) Professor of Economics of Tourism at the University of Trieste

SCIENTIFIC RESEARCH ACTIVITIES

Director of the **Transport Research Laboratory** at the Department of Planning of IUAV (University of Venice)

Director of **TLSU (Transport, Logistics and Supply chain management Unit)** at Venice International University – Tedis Center

(<http://www.univiu.org/research/tedis/research/logistics/>)

Chairman of **SETREF (South-East Transport Research Forum)**. The South East European Transport Forum is an international non-governmental non-profit association of organisations devoted to the promotion of transport research and/or education, based in South East European countries

(<http://hermes.civil.auth.gr/setref/index.html>)

Vice-coordinator of “Logistics, transport, environment and energy” doctoral programme within the **Doctoral School in “Human, society and territory sciences”** at the University of Trieste

(http://esse3web.units.it/esse3/CorsoDiStudio.do?sessionId=E8A927FF382BF5B20642262AEF24E47A?cds_id=10114)

Visiting professor at the Aristotle University of Thessaloniki and at the Hellenic Institute of Transport HIT/CERTH (Interdepartmental Postgraduate Course in “Planning, Organization and Management of Transport Systems)

Member of joint Commission Venice International University – Institute for Foreign Trade (ICE)/Ministry of Production Activities for the development and promotion of research and educational programmes in the field of logistics and transport

Associate Editor of *European Transport review*

Member of the Advisory Board of the SMART-CM (Smart supply chain management intermodal door-to-door container transport) Project – Integrated Project funded by the European Commission – DG TREN under the 7th Framework Programme.

Member of NITEL – National Interuniversity Consortium for Transport and Logistics

(2006) Evaluator of RTD project proposals for the Hellenic General Secretariat for Research and Technology (Greece)

International research

(2007-2010) EURIDICE Project (EUROpean Inter-Disciplinary Research on Intelligent Cargo for Efficient, Safe and Environment-friendly Logistics) – Integrated Project funded by the European Commission – Information Society and Media Directorate – General under the 7th Framework Programme [WP leader]

(2000-2006) I-LOG (Industrial Logistics) Project – Interreg IIIB CADSES Programme [scientific coordinator for the Regione Veneto]

(2005-2007) PREMIA Project (R&D, demonstration and incentive PProgrammes Effectiveness to facilitate and secure Market Introduction of Alternative Motor Fuels AMF) – funded by the European Commission – Directorate General Energy & Transport (DG TREN) under the 6th Framework Programme [SETREF researcher].

(2000-2004) THEMIS Project (THematic Network in Optimising the Management of Intermodal Transport Services) - funded by the European Commission – Directorate General Energy & Transport (DG TREN) under the 5th Framework Programme [SETREF researcher].

(2006-2010) FREIGHTWISE Project (Management Framework for Intelligent Intermodal Transport) – Integrated Project funded by the European Commission – Directorate General Energy & Transport (DG TREN) under the 6th Framework Programme [SETREF researcher].

(2005) EARD (European Airport Regions Development) - Interreg IIIC Programme [scientific coordinator for ISTIEE]

(2000-2002), METNET Project (Thematic Network on Maritime Education, Training and Certification) nell'ambito del 5th Framework Programme della UE - Competitive and Sustainable Growth (GROWTH) Programme [WP leader].

(1997-2000) METHAR Project (Harmonization of European Maritime Education and Training Schemes) funded by the European Commission – DG VII – Transport RTD Programme under the 4th Framework Programme [WP leader].

(1997-98) "Neptune Supporting Cooperation" Project – European Consortium NEPTUNE, funded by the European Commission – DG VII.

National research

2003, inter-university national programme "Rebalancing and integrating transport modes in the freight sector". Responsible of the Venice unit with the programme: "Strategies of mode rebalancing: development of combined transport on the Italy-Greece axis via the Adriatic Corridor".

2002, research programme: "Rebalancing transport modes and sustainable mobility: strengthening Italy-Greece combined transport"

2001, inter-university national research programme "The architecture of railway stations in Italy". Responsible of the unit "The relationship between urban form and rail nodes: economic and urbanistic aspects"

2000, inter-university national research programme "Economic rationale of rebalancing transport modes in Italy in the freight sector".

2000, research programme "Regional impact of port traffic with reference to European ports"

1997-2000, Transport National Project (PFT2) "Methodologies for logistics: assessment, innovation and integration" – National Council of Research (CNR)

Consulting activities

(2007) University IUAV of Venice, "Strategic and Transport Plan for the Friuli-Venezia Giulia Region". The study is promoted by the Regione Autonoma Friuli-Venezia Giulia. [coordinator for the Transport Plan].

(2007) University IUAV of Venice, "Strategic Study for the development of the Veneto logistics system". The project is promoted by the Regione Veneto and the Metadistretto Logistico Veneto [coordinator of the logistics section].

(2007) University IUAV of Venice, TLSU (Transport, Logistics and Supply Chain Management Unit) - VIU "The logistics platform of Valle Ufita – prefeasibility study" [coordinator of the logistics and macro-economic section].

- (2006) Venice International University – TLSU, “The logistics of the furniture cluster in the Treviso area: a benchmark analysis and some strategic policy indications”, National Logistics Observatory
- (2006) ISTIEE, “Territorial opportunities for logistics in the furniture cluster in the Friuli-Venezia Giulia area”, National Logistics Observatory
- (2006-7) Venice International University – TLSU, “Master Plan for a logistics platform in the North Adriatic”
- (2005-on going) CORILA, “The MOSE Project: Monitoring Plan of the effects of construction activities at the lagoon inlets” (scientific coordinator for the Economy Area – port, tourism, fishing)
- (2005), ISTIEE – VIU TLSU, “The wood sector: some examples of logistics innovation”, National Logistics Observatory
- (2002) ISTIEE, “Maritime flows in the wood and paper logistics chain”, for CNEL.
- (2001) ISTIEE, “Study on logistics in Italy”, for ISFORT
- (2000) ISTIEE, Feasibility study of a distripark in the port of Trieste, for EZIT
- (2000) ISTIEE, Project “Logistics City Center”, for the Trieste Municipality
- (2000) ISTIEE, Feasibility study of a public transport system Trieste-Muggia, for the Trieste county
- (2000) ISTIEE, Feasibility study on the new high-speed rail line Milan-Venice;
- (2000) ISTIEE, Study on the socio-economic impact of a touristic project in the Sistiana bay;
- (2000) ISTIEE, Regional integrated transport plan, for the Friuli-Venezia Giulia Region;
- (1999) ISTIEE, Feasibility study of the new high-speed rail line Venice-Trieste-Lubljana, for ITALFERR;
- (1998) ISTIEE, Feasibility study on the multi-modal transport Corridor V;
- (1997) ISTIEE, Regional land-use plan, for the Friuli-Venezia Giulia Region;
- (1997) ISTIEE, Cost-benefit and multi-criteria analysis for the road by-pass of Mestre (Venice);
- (1997-98) ISTIEE, Feasibility study of the Adriatic Corridor.

SCIENTIFIC PAPERS

- (2007) L'accessibilità territoriale al trasporto intermodale: un caso studio di logistica distrettuale. IX Riunione Scientifica Annuale della Società Italiana di Economia dei Trasporti e della Logistica, Napoli 3-5 ottobre. [co-author: Porceddu, A.]
- (2007) La pianificazione strategica di area vasta per il governo della mobilità: nuovi strumenti e criteri per la definizione di scenari di policy. IX Riunione Scientifica Annuale della Società Italiana di Economia dei Trasporti e della Logistica, Napoli 3-5 ottobre. [co-author: Menegazzo, P.]
- (2007) L'Authority dei trasporti: quale modello regolativo? IX Riunione Scientifica Annuale della Società Italiana di Economia dei Trasporti e della Logistica, Napoli 3-5 ottobre.
- (2007) La pianificazione territoriale della logistica: alcuni sviluppi verso un nuovo modello concettuale. IX Riunione Scientifica Annuale della Società Italiana di Economia dei Trasporti e della Logistica, Napoli 3-5 ottobre.
- (2007) Pianificazione logistica e competitività dei distretti industriali: alcune evidenze nel Made in Italy. IX Riunione Scientifica Annuale della Società Italiana di Economia dei Trasporti e della Logistica, Napoli 3-5 ottobre. [co-author: Della Puppa, M.]
- (2007) Processi di internazionalizzazione e logistica di distretto: un'analisi di benchmark. In *“I trasporti ed il mercato globale”*, Ed. Franco Angeli, by G. Polidori, G. Borruso, R. Danielis.

- (2006) Monitoring socio-economic effects of a mega-project: the MOSE case. 6° National Congress CIRIAF, Perugia, 7-8 April. [in Italian]
- (2006) *Trasporti e Regolazione [Transport and Regulation]*. Ed. by Franco Angeli, Milan.
- (2006) Logistica, trasporti ed innovazione: il modello distrettuale e la grande impresa nella filiera del legno-arredo del Nord-Est. In *"I trasporti e l'Europa"*, ed. F. Angeli, by G. Polidori, E. Musso, E. Marcucci.
- (2006) *City logistics*. In Nuovo lessico urbano, by F. Indovina, Ed. Franco Angeli, Milan. [in Italian]
- (2005) Il ruolo dell'Università per la formazione di nuove professionalità creative nel settore della logistica. Seminario AILLOG "Logistica creativa", Venezia.
- (2005) Logistica e sviluppo competitivo: il caso di tre distretti veneti. Convegno "Interporti, scali merci, centri logistici e sviluppo competitivo", Venezia, Istituto Veneto di Scienze Lettere ed Arti, 18 novembre 2005.
- (2005) Costs and financing of MET in Europe: analysis and policy implications. *Transition Studies Review*, vol.12, n.1.
- (2005) La competitività dei porti italiani adriatici nei traffici ro-ro sull'asse Italia-Grecia – analisi e valutazione dei criteri di scelta marittimo-portuale. In *Riequilibrio ed integrazione modale nel trasporto delle merci*, a cura di Borruso G. e Polidori G., Franco Angeli, Milano, 219-240.
- (2004) Il rapporto tra i porti ed i grandi corridoi infrastrutturali: alcune linee strategiche. Convegno "Trieste come gateway per l'Europa Centrale – catena logistica tra Vienna e Trieste", Trieste, 20 ottobre.
- (2004) Port choice criteria in the ro-ro sector: a case study on the Italy-Greece axis. Refereed paper presented at the World Conference on Transport Research, July 4-8, Istanbul.
- (2004) Aspetti economico-funzionali e urbanistico-progettuali delle stazioni ferroviarie. In *Architettura ferroviaria in Italia – Novecento*, a cura di Godoli, E. e Iolanda Lima, A. Ed. Flacovio, Palermo, 453-468.
- (2004) Port competitiveness as a function of transshipment development in the Mediterranean Sea: the case of Trieste container terminal. In *Developing Transport, Economy and Infrastructures in Eastern and Southern Europe*. Eds Ashgate, London.
- (2004) Sistemi di trasporto e logistica *reverse*: un approccio olonico per un'economia sostenibile. In *Economia di mercato e trasporti*, Franco Angeli, Milano, 265-288.
- (2004) Strumenti per l'analisi e gestione della mobilità a fini ambientali e di efficienza economica. In *Diplomazia delle risorse*, Ed. Polistampa, Firenze, 449-460.
- (2004) La domanda di trasporto - modelli per il governo della mobilità merci e passeggeri. Dipartimento di Pianificazione – IUAV.
- (2003) The role of ports and maritime transport within the supply chain of the furniture sector in Italy: an empirical analysis. *European Transport*, n. 24, 3-14 (co-author: E. Maggi).
- (2003) Analysis and assessment of port/shipping choice criteria in the ro-ro sector: a case study on the Italy-Greece axis. *Annals of Maritime Studies*, 41, 1, 395-426.
- (2003) *Pianificazione dei sistemi di trasporto a rete e deregulation. Un approccio economico-comportamentale*. Ed. Giappicchelli, Torino.

- (2002) A behavioral approach for logistics system analysis and design: a reverse logistics case. In *Quantitative Approaches to Distribution Logistics and Supply Chain Management*. Eds. Springer-Verlag. (Co-authors: Pesenti, R.; Ukovich, W.).
- (2000) Deregulating the economy: centralized vs. market-like systems – the principal agent perspective applied to the transport sector. *Trasporti Europei*, Anno VI, n.14, 46-52.
- (2000) The impact of the new onboard technologies on Maritime Education and Training schemes in Europe: some findings from the METHAR Project. *Maritime Policy and Management*, vol.27, n.4, 391-400. (Co-author: Maggi, E.)
- (2000) The economics of the greenhouse effect: evaluating the climate change impact due to the transport sector in Italy. *Energy Policy*, 28 (13), 957-966.
- (2000) A critical analysis of the Maritime Education and Training System in Italy with respect to international requirements and the EU situation. In "Maritime Industry into the Millenium: the Interaction of Theory and Practice – IAME Conference, Napoli, 13-15 sept. 2000. (Co-author: Maggi, E.).
- (1999) The support of the Maritime Education and Training systems for the implementation of the ISM Code, *Promet Traffic Traffico - Scientific Technical Journal for Traffic Theory and Practice*, vol. 11, no:4, Zagabria.
- (1999) Modelli normativi per i sistemi logistici reverse. Consiglio Nazionale delle Ricerche – Progetto Finalizzato Trasporti 2 (PFT2), 4° Convegno Nazionale, Roma, 3-5 novembre (co-autore: Pesenti).
- (1999) L'impatto da cambiamento climatico dovuto ai trasporti in Italia. *Economia delle fonti di energia e dell'ambiente*, Anno XLII, N. 3/1999, 35-58.
- (1999) A note on the Pan-European corridors in South-East Europe: the role of infrastructure development as a key issue for East-West cooperation. International Adriatic Conference, Trieste 1-2 luglio.
- (1999) Trasporto locale su ferro: una proposta di Rete Metropolitana Diffusa per il Friuli-Venezia Giulia. Collection of lectures - XL Corso Internazionale ISTIEE, 13-17 sett. 1999, Trieste.
- (1999) Modelling container terminal efficiency using stochastic methods (Un modello stocastico di equilibrio di breve periodo per la valutazione dell'efficienza portuale). *European Transport*, n.11, 35-40.
- (1998) Indicazioni metodologiche per gli studi di fattibilità relativi a corridoi di trasporto. *Trasporti Europei*, n. 10, 36-42.
- (1998) *Intermodalità e trasporto combinato - lineamenti teorici ed operativi*. I Quaderni di *Trasporti Europei*.
- (1998) A critical review of freight transport demand models. *Promet-Traffic-Traffico - Scientific Technical Journal for Traffic Theory and Practice*, Vol. 10, No. 5-6, Zagabria.
- (1998) Assessing the "enhanced" greenhouse effect due to CO₂ emissions from the transport sector: some guidelines for an integrated economic-ecological model. "Externalities in the Urban Transport: Assessing and Reducing the Impacts", International Symposium on Technological and Environmental Topics in Transports, Milano, 27-29 Ottobre 1998.
- (1997) *Modelling freight transport demand: a survey*. I Quaderni di *Trasporti Europei*, sept. 1997, Trieste.