

Silvio Nocera

Curriculum Vitae

Department of Architecture and Arts
Università IUAV di Venezia

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Professor of Transport Engineering and Planning

PhD, Technische Universität München, 2004

PERSONAL DATA

Born: J

Residence: Verona, Italy

Citizenship: I

Gender: Male

Marital Status: M

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BRIEF BIO

Silvio Nocera is a Full Professor of Transport Engineering and Planning at the Università Iuav di Venezia. He graduated in Civil Engineering from University of Basilicata in 2000 and earned his PhD in Transport Planning at the Technische Universität München (2004).

At the Università Iuav di Venezia, he teaches undergraduate and graduate courses on Transport (since 2007), and Transport Planning (since 2014). In addition, he held lectures and seminars at the Technical University of Munich (2008-2016), at the Technical University of Vienna (2015), at the University of British Columbia in Vancouver (2016), at the Technical University of Vilnius (2016), at Drexel University of Philadelphia (2017), at the National Technical University of Athens (2017), again at the Technical University of Vienna (2018), at the School of Economics of the University Panthéon-Sorbonne of Paris (2018), at the School of Civil Engineering of the University College Dublin (2019), at the Institute of Transport Studies of Monash University in Melbourne (2020), and at the Institute for Transport and Logistics Studies of the University of Sydney (2020).

His research interests are quite extensive, spanning the economic evaluation of transport systems, the external costs of transportation (he delved particularly deep into the evaluation of carbon dioxide and its effects on global warming), big data and transport, demand responsive transport systems, freight and intermodal transport, intelligent transport systems, and transit quality evaluation. Silvio has published widely, his most recent works having been published in some major journals, and his work is highly cited, with a Scopus H-index of 22. His contributions have been internationally recognised, for example he earned the 2016 Canadian-Italian Innovation Award from the Government of Canada. He serves on the editorial advisory boards of Elsevier journals *Transportation Research Interdisciplinary Perspectives* and *Case Studies on Transport Policy*, on the editorial board of Bentham *The Open Transportation Journal*, and on the editorial boards of MDPI journals *Sustainability* and *Future Transportation*.

Silvio's research has attracted substantial funding within a research grant portfolio that includes EU funded research projects with a combined income generation of over 560,000 EUR.

ACADEMIC POSITIONS
Università IUAV di Venezia - Venice, Italy

- **Professor of Transport Engineering and Planning (w/tenure)** (since July 2020, open ended)
- **Associate Professor of Transport Economics (w/tenure)** (June 2016 – June 2020)
- **Assistant Professor of Transportation Engineering (w/tenure)** (October 2010 – May 2016)
- **Lecturer** (March 2007 - September 2010)
- **Research Fellow** (January 2004 – September 2010)

EURAC European Academy of Applied Research - Bolzano, Italy – Institute for Regional Development and Location Management

- **Research Fellow** (February 2009 – September 2010)

Technische Universität München - Munich, Germany – Lehrstuhl für Verkehrstechnik

- **Post-Doctoral Research Fellow** (July 2009 - September 2010)
- **Research Associate and PhD Student** (January 2003 - December 2003)

Technische Universität München - Munich, Germany – Lehrstuhl für Verkehrs- und Stadtplanung

- **Research Associate and PhD Student** (June 2000 - December 2002)

ACADEMIC VISITS AND FELLOWSHIPS

- **Visiting Professor** at the Institute for Transport and Logistics Studies - **University of Sydney**, Australia, February 2020
- **Visiting Professor** at the Institute of Transport Studies - **Monash University, Melbourne**, Australia, February 2020
- **Visiting Professor** at the School of Civil Engineering – **University College Dublin**, Ireland, April 2019
- **Visiting Professor** at the UFR Economie - **Université Paris 1 Panthéon-Sorbonne**, France, September 2018
- **Visiting Professor** at the Institut für Verkehrswissenschaften - **Technische Universität Wien**, Vienna, Austria, June 2018
- **Visiting Professor** at the Department of Transport – **National Technical University of Athens**, Athens, Greece, September 2017
- **Visiting Professor** at the Faculty of Civil, Architectural, and Environmental Engineering – **Drexel University**, Philadelphia, PA, USA, May 2017
- **Visiting Professor** at the Transporto inžinerijos fakultetas - **Vilnius Gediminas Technical University**, Vilnius, Lithuania, September 2016
- **Visiting Professor** at the Sauder School of Business – **University of British Columbia**, Vancouver, British Columbia, Canada, July 2016
- **Visiting Professor** at the Fachbereich für Verkehrssystemplanung - **Technische Universität Wien**, Vienna, Austria, September 2015
- **Professorial Lecturer** in the Master of Science “Transportation Systems”, **Technische Universität München**, Munich, Germany, June 2008 – January 2016 (7 terms)

SPOKEN LANGUAGES

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|---------------------------|--------------------------|
| • Italian (Mother tongue) | • English (Fluent) |
| • German (Fluent) (**) | • Spanish (intermediate) |
| • French (basic) | |

(**) Silvio holds a full Italian-German bilingualism attestation (A-level) issued from the Autonomous Province of Bolzano, Italy on April 7, 2010

EDUCATION AND ACADEMIC TITLES

May 2019: **Habilitation and venia legendi** in Applied Economics (Full Professor)

April 2018: **Habilitation and venia legendi** in Transport Infrastructures, Transport Engineering and Evaluation (Full Professor)

January 2017: **Habilitation and venia legendi** in Transport Infrastructures, Transport Engineering and Evaluation (Associate Professor)

November 2014: **Habilitation and venia legendi** in Applied Economics (Associate Professor)

February 2004: **Doctoral Degree in Transportation Engineering (PhD), magna cum laude**, Technische Universität München - Munich, Germany. Thesis committee: Gunther Leykauf (president), Peter Kirchhoff (main supervisor), Michael G.H. Bell (opponent), Fritz Busch (supervisor) - Doctoral Program: June 2000 - December 2003

April 2000: **Graduate Degree in Civil Engineering (MSc), w/honors**. Università degli Studi della Basilicata - Potenza, Italy –Program: November 1992 - February 2000

POST-DOC EDUCATION

Winter School “The Essentials of ITS - Comprehensive insight into state-of-the-art methods, technologies and into the benefits of ITS on an academic level”

- *Institution:* Politecnico di Torino – Turin, Italy, December 2013
- *Faculty:* Prof. Fritz Busch (Technical University of Munich), Prof. Bruno Dalla Chiara (Politecnico di Torino), Prof. Nick Hounsell (University of Southampton), Dr. Albania Nissan (Kungliga Tekniska Högskolan)

Kuhmo Nectar Summer School on Transportation Economics 2012

- *Institution:* Deutsches Institut für Wirtschaftsforschung DIW - Berlin, Germany, June 2012
- *Faculty:* Prof. Jan K. Brueckner (University of California, Irvine), Prof. André de Palma (École Normale Supérieure Paris), Prof. C. Robin Lindsey (University of British Columbia), Prof. Kenneth A. Small (University of California, Irvine), Prof. Jos N. van Ommeren (VU Amsterdam), Prof. Erik T. Verhoef (VU Amsterdam)

2nd MULTITUDE-NEARCTIS Summer School “Assessment of ITS Solutions”

- *Institution:* European Commission Joint Research Centre - Ispra, Italy, June 2012
- *Faculty:* Prof. Constantinos Antoniou (National Technical University of Athens), Prof. Robert L. Bertini (Portland State University), Prof. Christine Buisson (Institut Français des Sciences et Technologies des Transports, de l'Aménagement et des Réseaux), Prof. Ennio Cascetta (Università di Napoli “Federico II”), Dr Khaled El-Araby (Transver), Prof. Serge Hoogendoorn (TU Delft), Prof. Vincenzo Punzo (Università di Napoli “Federico II”)

Advanced Course on “Discrete Choice Analysis: Predicting Demand and Market Shares”

- *Institution:* École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland, March 2005
- *Faculty:* Prof Moshe Ben-Akiva (Massachusetts Institute of Technology), Prof Michel Bierlaire (École Polytechnique Fédérale de Lausanne), Prof Denis Bolduc (University of Laval) e Prof Daniel McFadden (University of California at Berkeley)

AWARDS AND HONOURS

- **ICSSA (International Conference on Computational Science and its Applications)** awarded the paper “*Some considerations on the role of universities and research centers in EU-funded sustainable mobility projects*” by Francesco Bruzzone and Silvio Nocera the **Best Paper Award** “*in recognition of your outstanding contribution in the 20th International Conference on Computational Science and Applications (ICCSA 2020) and its associated workshops*”
- **Government of Canada. Winner of the 2016 Canadian-Italian Award for Innovation**
- **CIFI (Collegio Ingegneri Ferroviari Italiani – Italian Railway Engineer Association)** awarded the paper “*Un approccio operativo per la valutazione della qualità nei servizi di trasporto pubblico/ An Operational Approach for Quality Evaluation in Public Transport Services*” by Silvio Nocera the price for the **4th best paper appeared in the journal “Ingegneria Ferroviaria” in the year 2010**

RESEARCH HISTORY**PUBLICATIONS****BIBLIOMETRIC RECAP**

	SCOPUS	GOOGLE SCHOLAR	ISI – WEB OF SCIENCE
DOCUMENTS	57	88	38
CITATIONS	903	1,290	592
h-INDEX	22	23	16
I-10 INDEX	30	36	21

TOTAL IMPACT FACTOR: 79,835STAND: October 16th, 2021**PUBLICATIONS IN REFEREED JOURNALS [IMPACT FACTOR IN SQUARE BRACKETS]**

- [37] Cavallaro F., **Nocera S.** (2022). Integration of passenger and freight transport: a concept-centric literature review. *Research in Transportation Business & Management*: 100178. doi: 10.1016/j.rtbm.2021.100718 **[IF: 2,740]**
- [36] Cavallaro F., **Nocera S.**, Sommacal G. (2022): Appropriateness of the “small-scale corridor terminals” scheme for rail-road combined transport: evidence from the Brenner axis. *Research in Transportation Economics*. doi: 10.1016/j.retrec.2020.100995 **[IF: 2,627]**
- [35] **Nocera S.**, Pungillo G., Bruzzone F. (2022): How to evaluate and plan the freight-passengers first-last mile. *Transport Policy*. doi: 10.1016/j.tranpol.2020.01.007– **[IF: 4,674]**
- [34] Bruzzone F., Scorrano M., **Nocera S.** (2021): The combination of e-bike-sharing and demand-responsive transport systems in rural areas: A case study of Velenje. *Research in Transportation Business & Management* 40: 100570. doi: 10.1016/j.rtbm.2020.100570 **[IF: 2,740]**
- [33] Cavallaro F., Irranca Galati O., **Nocera S.** (2021): Climate change impacts and tourism mobility: a destination-based approach for coastal areas. *International Journal of Sustainable Transportation* 15-6: 456-473. doi: 10.1080/15568318.2020.1762951 **[IF: 3,929]**
- [32] Ferretto L., Bruzzone F., **Nocera S.** (2021): Pathways to active mobility planning. *Research in Transportation Economics* 86: 101027. doi: 10.1016/j.retrec.2020.101027 **[IF: 2,627]**
- [31] Cavallaro F., Bruzzone F., **Nocera S.** (2021): The integration of passenger and freight transport for first-last mile operations. *Transport Policy* 100: 31-48. doi: 10.1016/j.tranpol.2020.10.009 **[IF: 4,674]**
- [30] Cavallaro F., Bruzzone F., **Nocera S.** (2020): Spatial and social equity implications for High-Speed Railway lines in Northern Italy. *Transportation Research Part A: Policy and Practice* 135: 327-340. doi: 10.1016/j.tra.2020.03.028 **[IF: 5,594]**
- [29] **Nocera S.**, Fabio A., Cavallaro F. (2020): The adoption of grid transit networks in non-metropolitan contexts. *Transportation Research Part A: Policy and Practice* 132: 256-272. doi: 10.1016/j.tra.2019.11.020 **[IF: 5,594]**
- [28] La Notte A., Tonin S., **Nocera S.** (2019): A screening procedure to measure the effect of uncertainty in air emission estimates. *Mitigation and Adaptation Strategies for Global Change* 24-6: 1073-1100. doi: 10.1007/s11027-018-9798-8 **[IF: 3,230]**
- [27] Cavallaro F., Irranca Galati O., **Nocera S.** (2019): A tool to support transport decision making in tourist coastal areas. *Case Studies on Transport Policy* 7-3: 540-553. doi: 10.1016/j.cstp.2019.07.009
- [26] **Nocera S.**, Cavallaro F., Irranca Galati O. (2018): Options for Reducing External Costs from Freight Transport along the Brenner Corridor. *European Transport Research Review* 10-53: 1-18. doi: 10.1186/s12544-018-0323-7 **[IF: 1,727]**

- [25] Cavallaro F., Danielis R., **Nocera S.**, Rotaris L. (2018): Should BEVs be subsidized or taxed? A European perspective based on the economic value of CO₂ emissions. *Transportation Research Part D: Transport and Environment* 64: 70-89. doi: 10.1016/j.trd.2017.07.017 [IF: 4,051]
- [24] **Nocera S.**, Ruiz-Alarcón Quintero C., Cavallaro F. (2018): Assessing carbon emissions from road transport through traffic flow estimators. *Transportation Research Part C: Emerging Technologies* 95: 125-148. doi: 10.1016/j.trc.2018.07.020 [IF: 5,775]
- [23] Cavallaro F., Giaretta F., **Nocera S.** (2018): The Potential of Road Pricing Schemes to Reduce Carbon Emissions. *Transport Policy* 67: 85-92. doi: 10.1016/j.tranpol.2017.03.006 [IF: 3,190]
- [22] **Nocera S.**, Irranca Galati O., Cavallaro F. (2018): On the Uncertainty in the Economic Evaluation of Carbon Emissions from Transport. *Journal of Transport Economics and Policy* 52-1: 68-94 [IF: 1,027]
- [21] **Nocera S.**, Cavallaro F. (2017): A Two-Step Method to Evaluate the Well-To-Wheel Carbon Efficiency of Urban Consolidation Centres. *Research in Transportation Economics* 65: 44-55. doi: 10.1016/j.retrec.2017.04.001 [IF: 0,992]
- [20] Kuflik T., Minkov E., **Nocera S.**, Grant-Muller S.M., Gal-Tzur A., Shoor I. (2017): Automating a framework to extract and analyse transport related social media content: the potential and the challenges. *Transportation Research Part C: Emerging Technologies* 77: 275-291. doi: 10.1016/j.trc.2017.02.003 [IF: 3,968]
- [19] Ayyildiz K., Cavallaro F., **Nocera S.**, Willenbrock R. (2017): Reducing Fuel Consumption and Carbon Emissions through Eco-Drive Training. *Transportation Research Part F: Psychology and Behaviour* 46: 96-110. doi: 10.1016/j.trf.2017.01.006 [IF: 1,935]
- [18] Cavallaro F., Ciari F., **Nocera S.**, Prettenhaler F., Scuttari A. (2017): The Impacts of Climate Change on Tourism Mobility in Mountain Areas. *Journal of Sustainable Tourism* 25-8: 1063-1083. doi: 10.1080/09669582.2016.1253092 [IF: 3,329]
- [17] **Nocera S.**, Cavallaro F. (2016): Economic Valuation of Well-to-Wheel CO₂ Emissions from Freight Transport along the main Transalpine Corridors. *Transportation Research Part D: Transport and Environment* 47: 222-236. doi: 10.1016/j.trd.2016.06.004 [IF: 2,341]
- [16] **Nocera S.**, Cavallaro F. (2016): The competitiveness of alternative transport fuels for CO₂ emissions. *Transport Policy* 50: 1-14. doi: 10.1016/j.tranpol.2016.05.013 [IF: 2,269]
- [15] Tonin S., La Notte A., **Nocera S.** (2016): A use-chain model to deal with uncertainties. A focus on GHG emission inventories. *Carbon Management* Volume 7 Issue 5-6: 347-359. doi: 10.1080/17583004.2016.1249217 [IF: 1,661]
- [14] Cappelli A., Libardo A., **Nocera S.**, Salerno G., Sardena A. (2016): Risultati di un modello euristico per la valutazione della qualità dei sistemi di trasporto ferroviari/Results of a heuristic model to evaluate perceived quality of railway travels. *Ingegneria Ferroviaria* 71-10: 743-767
- [13] **Nocera S.**, Tonin S., Cavallaro F. (2015): Carbon Estimation and Urban Mobility Plans: Opportunities in a Context of Austerity. *Research in Transportation Economics* 51: 71-82. doi: 10.1016/j.retrec.2015.07.009 [IF: 0,781]
- [12] **Nocera S.**, Tonin S., Cavallaro F. (2015): The Economic Impact of Greenhouse Gas Abatement through a Meta-Analysis: Valuation, Consequences and Implications in Terms of Transport Policy. *Transport Policy* 37: 31-43. doi: 10.1016/j.tranpol.2014.10.004 [IF: 2,269]
- [11] Grant-Muller S.M., Gal-Tzur A., Minkov E., **Nocera S.**, Kuflik T., Shoor I. (2015): Enhancing Transport Data Collection through Social Media Sources: Methods, Challenges and Opportunities for Textual Data. *IET Intelligent Transport Systems* 9(4): 407-417. doi: 10.1049/iet-its.2013.0214 [IF: 1,194]
- [10] Gal-Tzur A., Grant-Muller S.M., Kuflik T., Minkov E., **Nocera S.**, Shoor I. (2014): The Potential of Social Media in Delivering Transport Policy Goals. *Transport Policy* 32: 115-123. doi: 10.1016/j.tranpol.2014.01.007 [IF: 2,269]

- [9] **Nocera S.**, Tonin S. (2014): A Joint Probability Density Function for reducing the Uncertainty of Marginal Social Cost of Carbon Evaluation in Transport Planning. *Advances in Intelligent Systems and Computing* 262: 113-126. doi: 10.1007/978-3-319-04630-3_9
- [8] **Nocera S.**, Cavallaro F. (2014): A Methodological Framework for the Economic Evaluation of CO₂ Emissions from Transport. *Journal of Advanced Transportation* 48: 138-164. doi: 10.1002/atr.1249 **[IF: 1,813]**
- [7] Cappelli A., Libardo A., **Nocera S.** (2013): Teorie, Strategie ed Iniziative per lo sviluppo efficiente dei servizi di trasporto pubblico regionale/Theories, Strategies and Actions for the Efficient Development of Regional Transit. *Ingegneria Ferroviaria* 68-11: 943-962
- [6] **Nocera S.**, Maino F., Cavallaro F. (2012): A heuristic Method for evaluating CO₂ Efficiency in Transport Planning. *European Transport Research Review* 4: 91-106. doi: 10.1007/s12544-012-0073-x **[IF: 0,962]**
- [5] Bell M.G.H., Kaparias I., **Nocera S.**, Zavitsas K. (2012): Risultati di una recente indagine sulla presenza in Europa di architetture di sistemi telematici per i trasporti/Presence of Urban ITS Architectures in Europe: Results of a Recent Survey. *Ingegneria Ferroviaria* 67-5: 447-467
- [4] **Nocera S.** (2010): Un approccio operativo per la valutazione della qualità nei servizi di trasporto pubblico/An Operational Approach for Quality Evaluation in Public Transport Services. *Ingegneria Ferroviaria* 65-4: 363-383
- [3] **Nocera S.** (2009): A heuristic solution for the yearly capacity of an intermodal terminal, *Journal of Interdisciplinary Mathematics* 12-3: 367-393. doi: 10.1080/09720502.2009.10700631
- [2] **Nocera S.** (2007): Deriving Convergence of Vehicle Routing Problems using a Fictitious Play approach, *Journal of Information & Optimization Sciences* 28-6: 997-1011
- [1] Libardo A., **Nocera S.**, Trabucco D. (2005): A new Approach for the Transportation System of Freight in Venice, *European Transport\Trasporti Europei*, 31: 129-142

OTHER REFEREED CONTRIBUTIONS

- [35] **Nocera S.** (2021) Externalities and External Costs in Transport Planning. In: Vickerman R. (Ed.): *International Encyclopedia of Transportation*. vol. 6, pp. 191-197. Elsevier Ltd., UK. doi: 10.1016/B978-0-08-102671-7.10639-6
- [34] Bruzzone F., **Nocera S.** (2021): Issues in Modelling Traffic-Related Air Pollution: Discussion on the State-Of-The-Art. In: Gervasi O. et al. (Editors.): *Computational Science and Its Applications – ICCSA 2021*. Lecture Notes in Computer Science, vol 12950. Springer, Cham ICCSA 2021, LNCS 12250, pp. 337-349, 2021. doi: 10.1007/978-3-030-86960-1_24
- [33] Shibayama T., Pungillo G., Lemmerer H., **Nocera S.** (2020): Stakeholder involvement in decision-making process: a test assessment towards transition to autonomous vehicles. *Transportation Research Procedia* 48: 2550-2568. doi: 10.1016/j.trpro.2020.08.255
- [32] Bruzzone F., Cavallaro F., **Nocera S.** (2020): Keys to effective transit strategies for commuting. *Transportation Research Procedia* 47C: 688-695. doi: 10.1016/j.trpro.2020.03.148
- [31] Cavallaro F., Irranca Galati O., Bruzzone F., **Nocera S.** (2020): Il trasporto merci lungo il Brennero e la potenziale riduzione dei costi esterni. In Marson A., Rakowitz G., Vanore M. (Editors): *Territori del Triveneto. Verso un approccio integrato al progetto*. Mimesis Edizioni Sesto San Giovanni (MI). ISBN: 978-88-992-4397-5, pp. 62-75
- [30] Bruzzone F., **Nocera S.** (2020): Some considerations on the possible role of universities and research centers in EU-funded sustainable mobility projects. In: Gervasi O. et al. (Editors.): *Computational Science and Its Applications – ICCSA 2020*. Lecture Notes in Computer Science, vol 12250. Springer, Cham ICCSA 2020, LNCS 12250, pp. 204–217, 2020. doi: 10.1007/978-3-030-58802-1_15

- [29] **Nocera S.**, Bruzzone F. (2019): The Effectiveness of Strategies to Reduce External Costs from Commuting in Central Europe. In: Misra S. et al. (Editors): *Computational Science and Its Applications – ICCSA 2019*. Lecture Notes in Computer Science, vol 11620. Springer, Cham. ISBN: 978-3-030-24296-1, pp. 105-119. doi: 10.1007/978-3-030-24296-1_11
- [28] **Nocera S.**, Dianin A., Cavallaro F. (2018): Greenhouse gas emissions and transport planning: toward a new era? In: Shiftan Y., Kamargianni M. (Editors): *Preparing for the New Era of Transport Policies: Learning from Experience*. Elsevier Academic Books, Oxford, UK. ISBN: 978-0-128-152-94-2, pp. 245-280. doi: 10.1016/bs.atpp.2018.07.009
- [27] Cavallaro F., Irranca Galati O., **Nocera S.** (2017): Policy Strategies for the Mitigation of GHG Emissions Caused by the Mass-Tourism Mobility in Coastal Areas. *Transportation Research Procedia* 27: 317-324. doi: 10.1016/j.trpro.2017.12.062
- [26] **Nocera S.**, Basso M., Cavallaro F. (2017): Micro and Macro Modelling Approaches for the Evaluation of the Carbon Impacts of Transportation. *Transportation Research Procedia* 24C: 146-154. doi: 10.1016/j.trpro.2017.05.080
- [25] **Nocera S.**, Gal-Tzur A., Grant-Muller S.M., Kuflik T., Minkov E., Cavallaro F. (2017): Il ruolo dei social media e dei contenuti generati dagli utenti nella politica dei trasporti del XXI secolo. In: Marcucci E. e Gatta V. (eds.), *Le politiche per la mobilità urbana sostenibile – Le sfide del futuro*. Istituto di Studi Politici S. Pio V, Roma. ISBN: 978-88-72331-xx-x, pp. 96-122
- [24] Grant-Muller S.M., Galtzur A., Minkov E., Kuflik T., **Nocera S.**, Shoor I. (2015): Transport Policy: Social Media and User-Generated Content in a Changing Information Paradigm. In: Nepal S., Paris C., and Georgakopoulos D. (eds.), *Social Media for Government Services*. Springer-Verlag GmbH, Heidelberg, Germany. ISBN: 978-3-319-27235-1, pp. 325-366. doi: 10.1007/978-3-319-27237-5_15
- [23] Cappelli A., Libardo A., **Nocera S.**, Sardena A. (2015): Accessibilità e qualità dei nodi di interscambio per lo sviluppo dei servizi di trasporto ferroviario regionale. In: *Convegno SEF “Sicurezza ed Esercizio Ferroviario”* 2015: 65-98. Aracne Editrice, Roma. ISBN: 978-88-548-8772-5
- [22] Grant-Muller S.M., Gal-Tzur A., Minkov E., **Nocera S.**, Kuflik T., Shoor I. (2014): Efficacy of Mining Social Media Data for Transport Policy and Practice. In: *Proceedings of the 93rd Transportation Research Board Congress*, paper no. 14-1716. Washington, D.C., USA, January 12-16, 2014. Online at: <http://AMOnline.TRB.org>
- [21] **Nocera S.**, Murino M., Cavallaro F. (2014): On the Perspective of using Multiple Agent Multi Criteria Decision Making for determining a fair Value of Carbon Emissions in Transport Planning. *Procedia - Social and Behavioral Science* 160: 274-283. doi: 10.1016/j.sbspro.2014.12.139
- [20] **Nocera S.**, Cavallaro F. (2014): The Ancillary Role of CO₂ Reduction in Urban Transport Plans. *Transportation Research Procedia* 3: 760-769. doi: 10.1016/j.trpro.2014.10.055
- [19] Gal-Tzur A., Grant-Muller S.M., Minkov E., **Nocera S.** (2014): The Impact of Social Media Usage on Transport Policy: Issues, Challenges and Recommendations. *Procedia - Social and Behavioral Science* 111: 937-946. doi: 10.1016/j.sbspro.2014.01.128
- [18] **Nocera S.** (2014): Le emissioni di anidride carbonica nel settore dei trasporti. In: Musco F. e Fregolent L. (editors): *Pianificazione urbanistica e clima urbano – Manuale per la riduzione dei fenomeni di isola di calore urbano*. Il Poligrafo, Padua, Italy pp. 112-116. ISBN: 978-88-7115-867-9
- [17] **Nocera S.** (2013): La qualità del servizio di trasporto pubblico. In: Fabian L. (editor): *New Urban Question. Ricerche sulla città contemporanea - 2009-2014*. Università Iuav di Venezia - Dipartimento di Culture del Progetto. Quaderni della ricerca. Aracne editrice, Rome, Italy: pp. 48-53
- [16] Tsakarestos A., **Nocera S.**, Kaparias I., Eden N. (2013): Performance evaluation of urban traffic management and ITS: The Rome case study. In: Cappelli A., Libardo A., and Nocera S. (editors): *Environment, Land Use and Transportation Systems*. Franco Angeli Editore, Milan, Italy. ISBN 978-88-204-5655-9: pp. 260-271

- [15] Fornasiero E., Libardo A., **Nocera S.** (2013): The Use of Scenario Analysis as a tool for long-term transport planning: a review. In: Cappelli A., Libardo A. e Nocera S. (editors): *Environment, Land Use and Transportation Systems*. Franco Angeli Editore, Milan, Italy. ISBN 978-88-204-5655-9: pp. 121-132
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- [13] Libardo A., **Nocera S.** (2012): Exploring the Perceived Security in Transit: The Venetian Students' Perspective. In: Pacetti M., Passerini G., Brebbia C.A. e Latini G. "*Sustainable City VIP*". The Wit Press Series, Southampton, UK. ISBN: 978-1-84564-578-6. ISSN: 1746-4498: pagg. 943-952. doi: 10.2495/SC120792
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- [9] **Nocera S.** (2010): Economical Evaluation of Transport Projects. In: Nocera S. (Editor): *Feasibility Analysis in Transportation Engineering and Economics*. McGraw Hill Editore. ISBN: 978-8-83-866307-9
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- [5] Cappelli A., **Nocera S.** (2006): Freight modal split models: data base, calibration problem and urban application. In: Brebbia C.A. & Dolezel V. (Editors): *Urban Transport XII – Urban Transport and the environment in 21st Century*. The Wit Press, Southampton, UK. ISBN: 1-84564-179-5. doi: 10.2495/UT060371
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PUBLICATIONS IN NON-REFEREED JOURNALS

- [11] Gal-Tzur A., Kuflik T., Minkov E., Shoor I., Grant-Muller S.M., **Nocera S.** (2015): Can we understand traveler's needs based on the content of social media? *Tichmun* 12(2): 84-101 (published in Hebrew)
- [10] Cappelli A., Libardo A., **Nocera S.** (2014): A Deterministic Model for Measuring the Attraction of the Railway. *Traffic Engineering and Control* 55-3: 51-62
- [9] **Nocera S.**, Tonin S., Murino M., Cavallaro F. (2014): La complessità della valutazione della CO₂ nella pianificazione dei trasporti. *Rivista di economia e politica dei trasporti (REPoT)* 2-2014: 1-21
- [8] **Nocera S.** (2011): The key task of quality assessment in public transport policy. *Traffic Engineering & Control* 52-9: 394-398
- [7] **Nocera S.** (2008): Terminalkapazität im kombinierten Verkehr, *Internationales Verkehrswesen* 60-11: 450-455
- [6] Libardo A., **Nocera S.** (2008): Transportation Elasticity for the Analysis of Italian Transportation Demand on a Regional Scale. *Traffic Engineering and Control* 49-5: 187-192
- [5] Longhi P., **Nocera S.**, Pacciani G. (2005): La gestione della sicurezza stradale di veicoli ed utenti deboli nelle intersezioni a rotatoria. *Le Strade*, 1405: 118-123
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- [3] **Nocera S.**, Tsakarestos A. (2004): Demand responsive transport systems for rural areas in Germany - an overview of the projects MOBINET and MOB². *Traffic Engineering and Control*, 45-10: 378-383
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- [1] **Nocera S.** (2002): Un modello per simulare i processi decisionali. *Le Strade*, 1378: 114-120

OTHER NON-REFEREED CONTRIBUTIONS

- [3] **Nocera S.** (2008): Verfahren für die Berechnung des Fassungsvermögens eines Güterverkehrszentrums. In: FGSV (Editor): Heureka – Optimierung in Verkehr und Transport. Forschungsgesellschaft für Straßen- und Verkehrswesen e.V., Cologne, Germany. ISBN: 978-3-939715-48-1
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SELECTED CONFERENCE PRESENTATIONS

- [36] Bruzzone F., Cavallaro F., **Nocera S.** (2021). Combining passengers and cargo flows for a more efficient First-Last mile. *XXIII Scientific Meeting of the Italian Association of Transport Economics and Logistics*. Rome, Italy, September 30-October 1, 2021
- [35] Borsati M., **Nocera S.**, Percoco M. (2021). Questioning the spatial association between the spread of COVID-19 and transit usage in Italy. *XXIII Scientific Meeting of the Italian Association of Transport Economics and Logistics*. Rome, Italy, September 30-October 1, 2021
- [34] Bruzzone F., Cavallaro F., **Nocera S.** (2021). Mobility solutions for peripheral areas. *World Conference on Transport Research Society, SIG G2 National and Regional Transport Planning and Policy, Mid-Term Workshop "Ensuring sustainable mobility in urban periphery and rural areas and remote regions"*. On-line conference – September 27-29, 2021

- [33] Cavallaro F., Bruzzone F., **Nocera S.** (2021). The effects of High-Speed Rail on Regional Accessibility. *1st International Workshop on High-Speed Rail Socioeconomic Impacts*. On-line conference – September 14-15, 2021
- [32] Bruzzone F., **Nocera S.** (2021). Issues in modelling traffic-related air pollution: Discussion on the state-of-the-art. *The 21st International Conference on Computational Science and its Applications – ICCSA 2021*. Cagliari, Italy - September 13-16, 2021.
- [31] Bruzzone F., **Nocera S.**, Cavallaro F. (2020). Impacts of High Speed Railways on Equity and Quality of Life. *XXII Scientific Meeting of Italian Society of Transport and Logistics Economists (SIET) "Transport in a changing world"*. On-line conference – September 17-18, 2020
- [30] Bruzzone F., **Nocera S.** (2020). Some considerations on the role of universities and research centers in EU-funded sustainable mobility projects. *The 20th International Conference on Computational Science and its Applications – ICCSA 2020*. On-line webinar - July 1-4, 2020
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- [25] **Nocera S.**, Pungillo G. (2019). How to evaluate and plan the freight-passenger First Mile-Last Mile. *15th World Conference on Transport Research – WCTR 2019*. Mumbai, India - May 26-31, 2019
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- [23] Cavallaro F., Irranca Galati O., **Nocera S.** (2018): Policy measures to reduce the external costs of freight transport. *XX Scientific Meeting of Italian Society of Transport and Logistics Economists (SIET) "Mobility and the city: policies for sustainability"*. Technical University of Milan. Milan, Italy - June 21-22, 2018
- [22] **Nocera S.**, Irranca Galati O., Cavallaro F. (2018): A long-term strategy to reduce externalities caused by freight transport in South Tyrol. *NECTAR cluster meeting "The Future of Freight Transport"*. University IUAV of Venice. Venice - March 8-9, 2018
- [21] **Nocera S.**, Irranca Galati O., Cavallaro F. (2017): The Improvement of the Carbon Efficiency in Transport through the Development of EU-Funded Projects. *XIX Scientific Meeting of Italian Society of Transport and Logistics Economists (SIET) "Growth and Mobility: the transport challenge"*. University of Bari. Bari, Italy - October 5-6, 2017
- [20] Cavallaro F., Irranca Galati O., **Nocera S.** (2017): Policy Strategies for the Mitigation of GHG Emissions caused by the Mass-Tourism Mobility in Coastal Areas. *20th EURO Working Group on Transportation – EWGT 2017*. Budapest, Hungary - September, 2-4, 2017
- [19] **Nocera S.**, Cavallaro F. (2017): Uncertainty in the Economic Valuation of Climate Change and Consequences for Transport Policy. *Transport in a Networked Society - Nectar XIV International Conference*. Madrid, Spain. May 31 – June 2, 2017

- [18] **Nocera S.** (2017): The Issue of Greenhouse Gas Emissions in Transport Planning. *3rd Annual Urban Economic Policy Conference – Topics in Urban Infrastructure*. LeBow College of Business, Drexel University, Philadelphia, PA, USA. May 12, 2017 (invited)
- [17] **Nocera S.** (2016): The Issue of Greenhouse Gas Emissions in Transport Planning. *TUM Alumni Seminar „Energy and Mobility“*. Technische Universität München, Campus Garching. October 9 -13, 2016 (invited)
- [16] **Nocera S.**, Cavallaro F. (2016): Policy Suggestions To Reduce GHG Emissions in Urban Areas through Road Pricing Schemes. *XVIII Scientific Meeting of Italian Society of Transport and Logistics Economists (SIET)*. University of Genoa, June 4-5 2016
- [15] **Nocera S.**, Giaretta F., Cavallaro F. (2016): The potential of Road Pricing Schemes for Reducing Carbon Emissions. *Conferenza CIT 2016*, Valencia, Spain, 7-9 June 2016
- [14] **Nocera S.** (2016): Opportunities for Social Media in Transportation. *NECTAR Special Cluster 8 Workshop "Big Data: A New Opportunity for Urban Transport and Mobility Policies"*. European Commission. DG Joint Research Centre Economics of Climate Change, Energy and Transport Unit. Seville, Spain, 10-11 March 2016
- [13] La Notte A., Tonin S., Lucaroni G., **Nocera S.** (2016): The role played by uncertainty of GHG emissions in transport policy analysis. The case of Piedmont region in assessing direct and indirect emissions of road transport. *56th Ersa Congress*, Vienna, Austria 23-26 August 2016
- [12] Tonin S., La Notte A., **Nocera S.** (2015): How uncertainty of air emission inventories impacts policy decisions at sub-national level. A Shift-Share Analysis undertaken in Piedmont (Italy). *4th Workshop on Uncertainty in Atmospheric Emissions*. Krakow, Poland, October 7th-9th, 2015
- [11] **Nocera S.**, Cavallaro F. (2015): Assessment of Well-to-Wheel CO₂ Emissions from Freight Transport. *Conference URBE - URban freight and BEhavior change*, University of Roma Tre, October 1st-2nd, 2015
- [10] Tonin S., La Notte A., **Nocera S.** (2015): An Analysis on Uncertainty in Transport Carbon Policy: Current Status and Future Needs. *XVII Scientific Meeting of Italian Society of Transport and Logistics Economists (SIET)*. University Bocconi, Milan, June 29th-July 1st 2015
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- [6] **Nocera S.**, Maino F., Wagner M. (2010): Calculation of the Energy Consumption for the Construction of a Railway Tunnel. In: Fovus (Centre of Transportation Research University of Stuttgart), *Networks for Mobility 2010, Proceedings of 5th International Symposium*. Stuttgart, Germany. ISBN: 978-3-00-031958-7
- [5] Eboli L., Mazzulla G., **Nocera S.** (2010): Comparazione di Metodi di Misura nella Qualità dei Servizi di Trasporto Collettivo. In: *Proceedings of XII Conferenza Scientifica della Società Italiana di Economia dei Trasporti e della Logistica (SIET)*. June 17th and 18th, 2010. Rome (Italy), Facoltà di Scienze politiche della Università di Roma Tre
- [4] **Nocera S.** (2009): Performance Indicators for Transit Quality. In: *Proceedings of the XIII Euro Working Group on Transportation "Advances in Transportation Systems Analysis"* (digital version). Padua, Italy. September 23rd – 25th, 2009. ISBN: 978-88-903541-4-4
- [3] Libardo A., **Nocera S.**, Trabucco D. (2005): Boat Pricing: a Different View for the Transportation System of the Lagoon of Venice. *Proceedings of 2nd Kuhmo conference: "Road Pricing: Is It Needed, Is It Possible, Is It Inevitable?"*. Kuhmo, Finland. July 14th-15th, 2005

- [2] Cappelli A., Libardo A., **Nocera S.** (2005): The Relations between Regional Economic Development and Evolution of Transport Demand in Italy. *Proceedings of 3rd International SIV Congress – People, Land, Environment and Transport Infrastructures: reliability and Development*. Bari, Italy. September 22nd - 24th, 2005.
- [1] **Nocera S.** (2003): Heuristisches Verfahren zur dynamischen Lösung von Tourenplanungsproblemen im nachfragegesteuerten ÖPNV. *National congress „Deutsche Hochschultagung 2003“; organised from RWTH Aachen*. Rolduc, The Netherlands, September 28th - 30th, 2003

JOURNAL EDITORIALS AND EDITING OF SPECIAL ISSUES

- [5] **Nocera S.**, Antoniou C., Susilo Y. Integration of passenger and freight transport. *Transportation Research Part A: Policy and Practice (expected on-line 2023)*
- [4] **Nocera S.**, Attard M. (2021). Active travel and mobility management. *Research in Transportation Business & Management* 40: 100663. doi: 10.1016/j.rtbm.2021.100663
- [3] **Nocera S.**, Attard M. (2021). Editorial: Social and health implications of active travel policies. *Research in Transportation Economics* 86: 101071. doi: 10.1016/j.retrec.2021.101071
- [2] Macharis C., **Nocera S.** (2019). The future of freight transport. *European Transport Research Review* 11:21. doi: 10.1186/s12544-019-0359-3
- [1] Rossi R., Gastaldi M., **Nocera S.**, Danielis R. (2010). Special issue on Freight Transport Modeling. *European Transport\Trasporti Europei* n. 46: 1-2

BOOKS AND MONOGRAPHS

- [8] Cappelli A., Libardo A., **Nocera S.** (Editors) (2013): *Environment, Land Use and Transportation Systems*. Franco Angeli, Milan. ISBN 978-88-204-5655-9
- [7] **Nocera S.** (Editor) (2010): *Feasibility Decisions in Transportation Engineering – Strategies for Transport Evaluation*. Book series TTL IUAV. McGraw-Hill, Milan. ISBN: 978-88-386-6307-9
- [6] Cappelli A., Libardo A., **Nocera S.** (Editors) (2008): *I trasporti nella città del XXI secolo: scenari per l'innovazione*. Aracne, Rome. ISBN 978-88-548-2168-2
- [5] Cappelli A., Libardo A. **Nocera S.** (Editors) (2007): *Binari sul mare: Scenari di integrazione del Trasporto delle merci*. Officina Editrice, Rome. ISBN 978-886490-035-3
- [4] Libardo A., **Nocera S.** (Editors) (2006): *Interporti, scali merci, centri logistici e sviluppo competitivo*. Aracne Editrice, Rome. ISBN 88-548-0844-X
- [3] Cappelli A., Libardo A., **Nocera S.** (Editors) (2005): *Limiti e prospettive di sviluppo del trasporto ferroviario merci*. Aracne Editrice, Rome. ISBN 88-548-0275-1
- [2] **Nocera S.** (2004): *Steuerung des Sektorbetriebs bei nachfrageabhängiger ÖPNV-Bedienung*. PhD Dissertation, Technische Universität München, Germany. ISBN 3-937631-03-8, ISSN 1612-9431
- [1] **Nocera S.** (2000): *Entwicklung eines Modells zur Bewertung von Standortalternativen für Einrichtungen der Universität von Basilicata*. MSc Thesis, Technische Universität München, Germany. Published by Lehrstuhl für Verkehrs- und Stadtplanung, Notebook n. V12-206.

EDITORIAL ACHIEVEMENTS

- Editorial Board Member, *Case Studies on Transport Policy* (2021-date)
- Editorial Board Member, *The Open Transportation Journal* (2021-date)
- Editorial Board Member, *Future Transportation* (2021-date)
- Advisory Board Member, *Transportation Research Interdisciplinary Perspectives* (2019-date)
- Editorial Board Member, *Sustainability* - Section "Sustainable Transportation" (2019-date)

- Editorial Board Member, *Heliyon* (2016-2020)
- Editorial Board Member, *European Transport/Trasporti Europei* (2008–2018)

REFEREE FOR THE FOLLOWING JOURNALS

(Counts do not include revisions of papers)

ELSEVIER

- *Applied Energy*: 1 manuscript - 2020 (1)
- *Asian Transport Studies*: 1 manuscript - 2021 (1)
- *Atmospheric Pollution Research*: 1 manuscript - 2021 (1)
- *Case Studies in Transport Policy*: 11 manuscripts – 2021 (4), 2020 (4), 2018 (2), 2017 (1)
- *Cities*: 2 manuscripts – 2021 (1) 2020 (1)
- *Ecological Indicators*: 1 manuscript - 2021 (1)
- *Energy Policy*: 1 manuscript - 2021 (1)
- *European Journal of Operational Research*: 6 manuscripts - 2013 (1), 2012 (1), 2011 (1), 2010 (1), 2009 (1), 2005 (1)
- *Journal of Air Transport Management*: 1 manuscript - 2019 (1)
- *Journal of Cleaner Production*: 6 manuscripts – 2021(3), 2020 (2), 2019 (1)
- *Journal of Environmental Management*: 1 manuscript - 2018 (1)
- *Journal of Outdoor Recreation and Tourism*: 1 manuscript - 2020 (1)
- *Journal of Transport Geography*: 2 manuscripts - 2017 (2)
- *Journal of Rail Transport Planning & Management*: 1 manuscript - 2020 (1)
- *Land Use Policy*: 1 manuscript - 2020 (1)
- *Procedia – Social and Behavioral Sciences*: 3 manuscripts - 2014 (2), 2011 (1)
- *Research in Transportation Business and Management*: 12 manuscripts – 2021 (6), 2020(5), 2019 (1)
- *Research in Transportation Economics*: 8 manuscripts – 2021 (1), 2020 (2), 2019 (3), 2017 (1), 2016 (1)
- *Resource and Energy Economics*: 1 manuscript - 2020 (1)
- *Safety Science*: 1 manuscript - 2018 (1)
- *Socio-Economic Planning Sciences*: 1 manuscript - 2021 (1)
- *Sustainable Cities and Society*: 2 manuscripts - 2019 (1), 2018 (1)
- *Sustainable Computing: Informatics and Systems*: 1 manuscript - 2020 (1)
- *Technology in Society*: 1 manuscript - 2019 (1)
- *Transport Policy*: 11 manuscripts - 2020 (2), 2019 (2), 2018 (2), 2017 (3), 2016 (2)
- *Transportation Research Part A: Policy and Practice*: 11 manuscripts – 2021 (1), 2020 (4), 2019 (4), 2016 (1), 2015 (1)
- *Transportation Research Part D: Transport and Environment*: 7 manuscripts - 2020 (1), 2019 (1), 2018 (2), 2017 (1), 2016 (2)
- *Transportation Research Part E: Logistics and Transportation Review*: 3 manuscripts - 2020 (1), 2019 (1), 2016 (1)
- *Transportation Research Interdisciplinary Perspectives*: 27 manuscripts – 2021 (9), 2020 (9), 2019 (9)
- *Transportation Research Procedia*: 1 manuscript - 2014 (1)
- *Travel Behaviour and Society*: 2 manuscripts – 2021 (1), 2017 (1)

SPRINGER

- *Air Quality, Atmosphere and Health*: 1 manuscript - 2020 (1)
- *Applied Spatial Analysis and Policy*: 1 manuscript - 2021 (1)
- *Economic Change and Restructuring*: 1 manuscript - 2020 (1)
- *Energy Efficiency*: 1 manuscript - 2018 (1)
- *Environment, Development and Sustainability*: 2 manuscripts – 2021(1), 2019(1)
- *Environmental Science and Pollution Research*: 2 manuscripts - 2021 (2)
- *European Transport Research Review*: 7 manuscripts - 2016 (1), 2015 (1), 2014 (1), 2013 (1), 2012 (2), 2011 (1)
- *Public Transport*: 2 manuscripts - 2021 (2)
- *Quality & Quantity*: 1 manuscript - 2021 (1)
- *Transportation*: 3 manuscripts - 2021 (3)

TAYLOR AND FRANCIS

- *International Journal of Sustainable Transportation*: 2 manuscripts – 2021(1), 2020 (1)
- *Journal of Urban Technology*: 1 manuscript - 2016 (1)
- *Transportation Letters*: 1 manuscript - 2018 (1)
- *Transportmetrica B: Transport Dynamics*: 1 manuscript - 2020 (1)

WILEY

- *IET Intelligent Transport Systems*: 1 manuscript - 2018 (1)

HINDAWI

- *Journal of Advanced Transportation*: 2 manuscripts - 2020(1), 2018 (1)
- *Mathematical Problems in Engineering*: 1 manuscript - 2018 (1)

MDPI

- *Applied Sciences*: 1 manuscript - 2021 (1)
- *Atmosphere*: 2 manuscripts – 2021 (1), 2019 (1)
- *Energies*: 4 manuscripts – 2021 (2), 2020 (2)
- *International Journal of Environmental Research and Public Health*: 4 manuscripts – 2021(2), 2020 (2)
- *Land*: 1 manuscript - 2021 (1)
- *Sensors*: 1 manuscript - 2021 (1)
- *Sustainability*: 20 manuscripts – 2021(7), 2020 (11), 2019 (2)
- *Symmetry*: 2 manuscripts - 2021 (2)

SAGE

- *Advances in Mechanical Engineering*: 1 manuscript - 2016 (1)

OTHERS

- *Advances in Complex Systems*: 1 manuscript - 2010 (1)
- *Advances in Transportation Studies*: 1 manuscript - 2018 (1)
- *Archives of Transport*: 1 manuscript - 2020 (1)
- *Environmental Engineering and Management Journal*: 3 manuscripts – 2021 (1), 2019 (1), 2015 (1)
- *European Transport/Trasporti Europei*: 17 manuscripts – 2021 (1), 2020 (2), 2019 (2), 2013 (2), 2012 (1), 2011 (2), 2010 (4), 2009 (1), 2008 (1), 2007 (1)
- *Plos ONE*: 1 manuscript - 2019 (1)
- *PROMET-Traffic and Transportation*: 4 manuscripts – 2021(1), 2020 (1), 2019 (1), 2016 (1)
- *The Open Civil Engineering Journal*: 1 manuscript - 2017 (1)
- *The Open Transportation Journal*: 3 manuscripts – 2021 (1), 2020 (2)

REFEREE FOR THE FOLLOWING INSTITUTIONS

- French National Research Agency (ANR), May 2021
- Israel Science Foundation (ISF), February-March 2021
- University of Rome “La Sapienza” - Member of the PhD examination committee in Transport Engineering, January-December 2021
- Iceland-Norway-Liechtenstein Grants, December 2020
- The Icelandic Research Fund, October 2020
- Government of Latvia – Statal Agency for Instruction Development, September 2020
- Technology Agency of the Czech Republic – Czech Republic – March 2020
- University of Rome Tre - Member of the PhD examination committee in Political Sciences, January 2020-December 2022
- Regional Agency ARTI – Region Puglia, Italy – September-October 2019
- Government of Latvia – Statal Agency for Instruction Development, May-June 2019
- Regional Agency FinPiemonte – Region Piemonte, Italy – September-December 2017
- Government of Latvia – Statal Agency for Instruction Development, February-March 2017
- Interreg Program Italy-Slovenia, February 2017
- Cambridge University Press, Textbook proposal review, June 2013
- VATI Hungarian Nonprofit Limited Liability Company for Regional Development and Town Planning, March-May 2012
- Italian Ministry of Education, University and Research, various “Projects of Relevant National Interest” and “Future in Research” calls

RESEARCH GRANTS

RESPONSIBILITY IN INTERNATIONAL RESEARCH PROGRAMS, FUNDED THROUGH EQUAL JUDGMENT COMPETITIONS
1. SMILE - FirSt and last Mile Inter-modal mobiLity in congested urban arEas of Adrion Region

- *Granting Agency:* Interreg Program “Adrion”
- *Principal Investigator:* Regional development centre Koper, Slovenia
- *Main Partners:* School center Velenje, Rimini Strategic Plan Agency, Free Municipal Consortium of Ragusa, Zadar County Development Agency, City of Dubrovnik Development Agency DURA, Municipality of Hersonisos, Regional Agency for Socio–Economic Development – Banat Ltd, Municipality of Tirana
- *Task:* Leader of the IUAV research unit within the project. Analysing relationships between first and last mile logistics and emissions of carbon dioxide
- *Period held:* January 2018 –December 2020
- *Budget:* 1,290,415.45 EUR (overall) - 127.805.98 EUR (IUAV)

2. SMART COMMUTING

- *Granting Agency:* Interreg Program “Central Europe”
- *Principal Investigator:* Municipality of Rimini (Italy)
- *Main Partners:* Municipality of Rimini, Technical University of Vienna, Regional Development Centre RDC Koper, Municipality of Velenje, Czech Regional Agency, Agency of Regional Development Zadra Nova, Municipality of Weiz, Municipality of Szolnok City of County Rank
- *Task:* Leader of the IUAV research unit within the project. Analysing relationships between commuter modal choice and emissions of carbon dioxide
- *Period held:* June 2017 –November 2020
- *Budget:* 1,662,236.00 EUR (overall) - 186.226.00 EUR (IUAV)

3. MOBILITAS - MOBility for nearLy-zero CO₂ in medITerranean tourism destinAtionS

- *Granting Agency:* Interreg Mediterranean Program
- *Principal Investigator:* Regional Development Centre RDC Koper, Slovenia
- *Main Partners:* RDC Koper, City of Dubrovnik, Municipality of Misano Adriatico, Paragone Europe Zadar County Development Agency - ZADRA NOVA, P.PLATRES Community Council; ENERGIES 2050; Municipality of Piraeus; Rimini Strategic Plan Agency
- *Task:* Leader of the IUAV research unit within the project. Analysing relationships between touristic transport modal choice and emissions of carbon dioxide
- *Period held:* November 2016 – July 2019
- *Budget:* 2,468,337.75 EUR (overall) - 247,903.75 EUR (IUAV)

4. Harvesting transport preference information from web social communities to support sustainable mobility solutions

- *Granting Agency:* University of Leeds, UK
- *Principal Investigator:* University of Leeds
- *Main Partners:* University of Leeds, Technion – Israel Institute of Technology, University of Haifa
- *Task:* Leader of the IUAV research unit within the project. Analysing relationships between social network data posted by travellers and transport policy
- *Period held:* April 2012 – September 2014

PARTICIPANT IN INTERNATIONAL RESEARCH PROGRAMS, ALLOWED TO BE FUNDED THROUGH EQUAL JUDGMENT COMPETITIONS
5. URBAN PROOF – Climate Proofing Urban Municipalities

- *Granting Agency:* Interreg Mediterranean Program
- *Principal Investigator:* National Technical University Of Athens
- *Main Partners:* National Technical University Of Athens, National Observatory of Athens, Municipality of Reggio Emilia, Municipality of Strovolos, Municipality of Lakatamia, Municipality of Peristeri
- *Task:* Analysing relationships between transport planning and climate resiliency of the municipalities involved
- *Period held:* October 2016 - March 2019

6. COST Action – “Social Networks and Travel Behaviour”

- *Granting Agency:* COST – European Cooperation in Science & technology
- *Principal Investigator:* Working Group leader, Prof. Rein Ahas
- *Main Partners:* Working Group n. 1
- *Task:* Identification of discordances concerning current theories and paradigm for the analysis of social networks.
- *Period held:* December 2015 - December 2017

7. SEETAC (South East European Transport Axis Cooperation), on behalf of the European Academy of Applied Sciences EURAC Bolzano (Italy)

- *Granting Agency:* European Union
- *Principal Investigator:* Central European Initiative- Executive Secretariat
- *Main Partners:* Federal Ministry for Transport, Innovation and Technology, Austria; Hellenic Ministry of Infrastructures, Transport and Networks; Ministry of Infrastructure and Transport, Italy; Ministry of Environment, Sea and Land Protection, Italy; Ministry of Infrastructure and Spatial Planning, Slovenia; Ministry of Transport, Information Technology and Communications, Bulgaria; EURAC research, Italy; Informest, Italy; Aristotle University of Thessaloniki, Greece; Ministry of Transport and Infrastructure, Romania
- *Task:* Analysis of the multimodal transportation net in South-Eastern Europe, and individuation of the critical points looking for possible improvements
- *Period held:* March 2010 – March 2011

8. i-Monitraf! (Implementation of MONITRAF: Monitoring of road traffic related effects in the Alpine Space and common measures), on behalf of the Regional Administration Tyrol (Austria) – Division Traffic Planning

- *Granting Agency:* European Union
- *Principal Investigator:* Central Switzerland Government Conference of the cantons Lucerne, Uri, Schwyz, Obwalden, Nidwalden, Zug
- *Main Partners:* Governmental Office of the Federal Region of Tyrol, Région Rhône-Alpes, Autonomous Region of Valle d’Aosta, European Academy of Bolzano, Autonomus Province of Bolzano South Tyrol, Environment Protection Agency of Aosta Valley, Regional Agency for the Environment Protection of Friuli Venezia-Giulia, Environment Protection Agency of Piedmont
- *Task:* Inquiry on passenger and freight mobility in some Italian alpine region. Draft of a comparative report between different alpine states
- *Period held:* December 2009 –May 2010

9. CONDUITS (Coordination of Network Descriptors for Urban Intelligent Transportation Systems),
on behalf of the Technische Universität München (Germany), Lehrstuhl für Verkehrstechnik

- *Granting Agency:* European Union
- *Principal Investigator:* Istituto di Studi per l'integrazione dei Sistemi, Rome
- *Main Partners:* Technion - Israel Institute of Technology; Administration de L'equipement et des Deplacements; City of Paris - Department of Roads and Transportation; Istanbul Metropolitan Municipality-Department of Transportation; Ajuntament de Barcelona; Imperial College of Science, Technology and Medicine; Technische Universität München; Agenzia Per la Mobilità del Comune di Roma Spa; Polis - Promotion of Operational Links with Integrated Services, Association Internationale
- *Task:* **Co-I** Analysis of ITS Architectures aiming at defining Key Performance Indicators
- *Period held:* July 2009 – December 2010

PARTICIPANT IN NATIONAL RESEARCH PROGRAMS, ALLOWED TO BE FUNDED THROUGH EQUAL JUDGMENT COMPETITIONS

10. Project of Relevant National Interest “AMORE” - Advanced Maritime Operation & Railway Evolution: a competitive scenario for Italy and Europe

- *Granting Agency:* Italian Ministry of Education, University and Research
- *Principal Investigator:* Università IUAV di Venezia
- *Task:* Model elaboration for studying of freight transportation bonds performances, in particular considering ports.
- *Period held:* November 2008 – January 2009

11. Project of Relevant National Interest “AMORE” - Advanced Maritime Operation & Railway Evolution: a competitive scenario for Italy and Europe

- *Granting Agency:* Italian Ministry of Education, University and Research
- *Principal Investigator:* Università IUAV di Venezia
- *Main Partners:* University of Rome "La Sapienza", University of Genoa, University of Padua, University of Cagliari
- *Task:* **Co-I** Study of the main Italian freight ports and construction of a capacity model
- *Period held:* January 2007 – December 2008

12. Project of Relevant National Interest “Individuals and groups in movement: sociological tools and new technologies for the study of mobility, tourist events and urban transformations”

- *Granting Agency:* Italian Ministry of Education, University and Research
- *Principal Investigator:* Bicocca University of Milan
- *Main Partners:* University of Bologna, University of Cagliari, Università IUAV di Venezia
- *Task:* **Co-I** Conceiving and developing models for pedestrian mobility
- *Period held:* January 2006 – December 2007

13. Project of Relevant National Interest “Architectural project of infrastructures in complex areas”

- *Granting Agency:* Italian Ministry of Education, University and Research
- *Principal Investigator:* Università IUAV di Venezia
- *Task:* **Co-I** Analysis and Evaluation of the architectural project for transportation nodes
- *Period held:* May 2006-June 2006

14. Logistics and Transport for the local districts: methods and models for North-Eastern Italy

- *Granting Agency:* Italian Ministry of Education, University and Research
- *Principal Investigator:* Università IUAV di Venezia
- *Main Partners:* University of Rome “La Sapienza”, University of Cagliari, University of Padua
- *Task:* **Co-I** Performance analysis of some key productive districts of North-Eastern Italy
- *Period held:* August 2003 – January 2006

COLLABORATIONS WITH RESEARCH INSTITUTIONS OF HIGH QUALIFICATION**15. New Technologies for the management of the demand and the integrated transport systems: urban problems and freight logistics**

- *Granting Agency:* Università IUAV di Venezia
- *Principal Investigator:* Silvio Nocera
- *Task:* **P.I.** - Development of new technologies for freight transportation in the urban surroundings
- *Period held:* June 2006 – September 2010 (First grant June 2006-May 2008, extended September 2008-August 2009 and then again March 2010-September 2010)

16. Mob² – Integration of private transport and public transport in rural areas

- *Granting Agency:* German Ministry for Education and Research
- *Principal Investigator:* Technische Universität München, Lehrstuhl für Verkehrstechnik and Lehrstuhl für Verkehrs- und Stadtplanung
- *Task:* **Co-I** Designing an algorithm to improve the performance of Demand Responsive Transport Systems in low population density areas
- *Period held:* September 2001 – December 2003

FURTHER PROFESSIONAL RESEARCH EXPERIENCES**17. Sustainability evaluation of a garbage transfer station in the nearby of Venice**

- *Granting Agency:* Foundation University Cà Foscari, Venice
- *Principal Investigator:* Prof. Silvio Nocera
- *Task:* Responsible person of the study
- *Period held:* September 2019-January 2020

18. Report “Eurovignette introduction along the A22 motorway”

- *Granting Agency:* Autonomous Province of Bolzano-Alto Adige
- *Principal Investigator:* Prof. Silvio Nocera
- *Task:* Responsible person of the mentioned report, concerning the evaluation of the Eurovignette introduction along the A22 route.
- *Period held:* August 2017 – December 2017

19. Scenarios and options for a sustainable mobility in the city of Rome

- *Granting Agency:* Municipality of Rome, Italy
- *Principal Investigator:* Università IUAV di Venezia
- *Main Partner:* LUISS Libera Università Internazionale degli Studi Sociali “Guido Carli” (Rome)
- *Task:* **Co-I.** Analysis of traffic data, elaboration of mobility scenarios, cooperation to report writing
- *Period held:* November-December 2011

- 20. Study of the CO₂ Balance of Brenner Railway Tunnel** *on behalf of the European Academy of Applied Sciences EURAC Bolzano, Italy*
- *Granting Agency:* Autonomous Province of Bolzano, Italy
 - *Principal Investigator:* European Academy of Applied Sciences EURAC
 - *Task:* **Co-I** - Draft of the CO₂ future balance of Brenner Railway Tunnel
 - *Period held:* February 2009 –February 2010
- 21. Elaboration of a preliminary document for the analysis of bicycle and pedestrian mobility in the urban area of “San Giuliano” in Venice**
- *Granting Agency:* Consortium “Research on Venice”. Venice, Italy
 - *Principal Investigator:* Silvio Nocera
 - *Task:* **P.I.** - Analysis of bicycle and pedestrian mobility in the area of San Giuliano in Venice
 - *Period held:* October-November 2008
- 22. Transport and Logistics in the Mediterranean Sea**
- *Granting Agency:* Italian Government Agency “*Sviluppo Italia*”
 - *Principal Investigator:* Università IUAV di Venezia
 - *Task:* **Co-I** Analysis and forecast of freight traffic demand in the Mediterranean Sea
 - *Period held:* April – May 2006
- 23. Transportation study on the railway node of Milan**
- *Granting Agency:* R.F.I., Italian Railway Network Agency
 - *Principal Investigator:* Università IUAV di Venezia
 - *Task:* **Co-I** Study of the freight terminals and logistic chains of Northern Italy. Feasibility Analysis of a new Freight Traffic Railway Line for the node of Milan
 - *Period held:* February 2006 – November 2006
- 24. Analysis of the most significant traffic routes in the Veneto Region**
- *Granting Agency:* ANAS S.p.A. (Italian National Road Works Company)
 - *Principal Investigator:* Università IUAV di Venezia
 - *Task:* **Co-I** Analysis and ranking of the traffic routes within the Veneto region
 - *Period held:* July – October 2005
- 25. TTM-Line: Traffic and Transportation Management online**
- *Granting Agency:* Bavarian State Ministry for Science, Research and Arts
 - *Principal Investigator:* Technische Universität München, Lehrstuhl für Verkehrs- und Stadtplanung
 - *Task:* **Co-I** Designing an efficient search system for a wide transportation data-bank
 - *Period held:* June 2000 – August 2001

FELLOWSHIPS AND BOARD MEMBERSHIPS

- **World Conference on Transport Research Society (WCTRS)**. March 2019 – December 2022
- **NECTAR (Network on European Communications and Transport Activities Research)**. April 2017 - present
- **Italian Society of Transport and Logistics Economists Association/ Società Italiana degli Economisti dei Trasporti e della Logistica (SIET)**. June 2016 - present
- Scientific and Research Association **Euro Working Group on Transportation (EWGT)**. September 2009 – present
- **Alumni - Technische Universität München**. April 2004 – present

- **Italian Higher Council of Public Works (*Consiglio Superiore dei Lavori Pubblici*)**. October 2019 – December 2020 (member of two committees)
- **Italian Transport Regulation Authority – Technical expert**. December 2018 – December 2020
- **Italian Transport Regulation Authority – Financial-economic expert**. December 2018 – December 2020
- **Board of the Experts in Industrial Research** - Italian Ministry of Education, University and Scientific Research. March 2014 – December 2017
- **International Transportation Economics Association (ITEA)**. Member of the Scientific Committee, July 2016 – October 2018
- **Italian Association of Transportation Lecturers / Società Italiana Docenti di Trasporti (SIDT)**. September 2004 – December 2013 (Junior membership until September 2010)
- **Italian Railway Engineer Association / Collegio Ingegneri Ferroviari Italiani (CIFI)**. January 2005 – December 2007
- **Engineer Professional Association** of the Province of Potenza, Italy. April 2004 – December 2010
- **Board of the University of Basilicata**. April 1997 - February 1999

TEACHING HISTORY

COURSES TAUGHT [Any course is referred to IUAV University of Venice. Future assignments/courses taught currently are marked with (§)]

2022 SS	Traffic Engineering and Control (undergraduate level), Faculty of Architecture (§)
2021 WS	Transportation Planning (graduate level), Faculty of Land Planning (§)
2021 SS	Transportation Planning (graduate level), Faculty of Land Planning
2020 WS + 2021 SS	Traffic Engineering and Control (workshop, undergraduate level), Faculty of Architecture
2020 SS	Transportation Engineering (workshop, graduate level), Faculty of Architecture
2020 SS	Transportation Planning (graduate level), Faculty of Land Planning
2019 WS + 2020 SS	Traffic Engineering and Control (workshop, undergraduate level), Faculty of Architecture
2019 SS	Transportation Engineering (workshop, graduate level), Faculty of Architecture
2018 WS + 2019 SS	Traffic Engineering and Control (workshop, undergraduate level), Faculty of Architecture
2018 WS	Transportation Planning (graduate level), Faculty of Land Planning
2018 SS	Transportation Engineering (workshop, graduate level), Faculty of Architecture
2017 WS + 2018 SS	Traffic Engineering and Control (workshop, undergraduate level), Faculty of Architecture
2017 WS	Transportation Planning (graduate level), Faculty of Land Planning
2017 SS	Transportation Engineering (workshop, graduate level), Faculty of Architecture
2016 WS + 2017 SS	Traffic Engineering and Control (workshop, undergraduate level), Faculty of Architecture
2016 WS	Transportation Planning (graduate level), Faculty of Land Planning
2016 SS	Transportation Planning (graduate level), Faculty of Land Planning
2016 SS	Transportation Engineering (workshop, graduate level), Faculty of Architecture
2015 WS	Traffic Engineering and Control (workshop, undergraduate level), Faculty of Architecture
2015 SS	Transportation Planning (graduate level), Faculty of Land Planning
2014 WS	Transportation Engineering (workshop, graduate level), Faculty of Architecture
2014 WS	Traffic Engineering and Control (workshop, undergraduate level), Faculty of Architecture
2013 WS	Transportation Engineering (graduate level), Faculty of Architecture
2013 WS	Urban and Long-Distance Transportation (undergraduate level), Faculty of Architecture
2012 WS	Urban and Long-Distance Transportation (undergraduate level), Faculty of Architecture
2011 WS	Logistics Economics and Management (graduate level), Faculty of Design and Arts
2010 WS	Sustainable Transportation Planning (graduate level), Faculty of Architecture
2010 SS	Applied Transportation Planning (graduate level), Faculty of Land Planning
2009 SS	Transport Operations (graduate level – final workshop), Faculty of Architecture
2008 SS	Transport Operations (graduate level – final workshop), Faculty of Architecture
2007 SS	Transport Operations (graduate level – final workshop), Faculty of Architecture

TEACHING ACTIVITIES IN MASTER MODULES AND SUMMER/AUTUMN SCHOOLS

- **Lecturer** within the Master course “Contract Design for Public Interiors”, **Università IUAV di Venezia**, (undergraduate level), Venice, Italy. May 2021 (on-line lecture)
- **Lecturer** within the MSc course of “Transport Geography”, **University of Malta**– Msida, Malta. May 2021 (on-line lecture)
- **Lecturer** within the MSc course of “Transportation Engineering”, **Università dell’Aquila** – L’Aquila, Italy, April 2021 (on-line lecture)
- **Lecturer** within the MSc course of “Traffic Engineering and Control”, **Università di Roma “La Sapienza”** – Roma, Italy, November 2020 (on-line lecture)
- **Lecturer** within the doctoral course of “Civil and Industrial Engineering”, **Università della Calabria** – Rende, Italy, February 2019
- **Lecturer** within the doctoral course of “Civil and Environmental Engineering”, **Politecnico di Torino** – Turin, Italy, February 2018
- **Lecturer** within the course of “Transport Economics and Logistics”, **Università di Trieste** – Trieste, Italy, October 2017
- **Lecturer** within the Graduate Seminar “Understanding and Managing Climate Change: Coping with Sea Level Rise”, **Venice International University** – Venice, Italy, July 2017
- **Lecturer** within the course of “Transport and Distribution Logistics”, **Università di Pisa** - Pisa, Italy, May 2014, April 2016
- **Lecturer** for the module of “Transportation” within the Autumn School “De-Carbonizing Planning: putting the Convention of the Alps in force for protecting climate”, **Università IUAV di Venezia and Alpine Convention**, (undergraduate level), November 2013
- **Lecturer** for the module of “Transportation” within the Master course of “Design for the Mountain”, **Università IUAV di Venezia**, (graduate level), February - December 2013
- **Lecturer** for the module of “Transportation” within the Autumn School “Alpine Convention 2012”, **Università IUAV di Venezia**, (graduate level), September 2012
- **Lecturer** for the module of “Transportation” within the Summer School “Planning and Climate Change 20122”, **Università IUAV di Venezia**, (graduate level), October 2011
- **Lecturer** for the module of “Transportation” within the Master course “Logistics and Transportation”, **Università IUAV di Venezia**, (undergraduate level), June - December 2009
- **Lecturer** for the module of “Transport” and member of the scientific board of the MSc course “Road Architecture”, **Università IUAV di Venezia**, (graduate level), May 2005 - February 2006

EDUCATIONAL PROJECTS AND TEACHING ASSISTANTSHIP

- **Lecturer** for the module of “Transportation Engineering” within the IFTS course of “Integrated Logistics”, **Industrial Union of Ravenna-Forli-Cesena** (Italy), (graduate level), October 2012; February- March 2013; March-April 2014, November-December 2016, May 2019
- **Lecturer** for the international formative project “Training on Transport Planning”, **Università di Roma “La Sapienza”** – Rome, Italy , November 2006 – January 2007
- **Teaching responsible and tutor** for a E.S.F. project aiming to create “Experts in logistics and transport”, **Università IUAV di Venezia** - Venice, Italy, January - December 2005
- **Teaching assistant** for the courses of Transportation Engineering and Economics, **Università IUAV di Venezia** - Venice, Italy, August 2003 – October 2007
- **Teaching assistant** for the course of Transportation Engineering, **Technische Universität München** - Munich, Germany,, January – December 2003
- **Teaching assistant** for the course of Urban and Traffic Planning, **Technische Universität München** - Munich, Germany, June 2000– December 2002

TRAINING OF HIGH-QUALITY PERSONNEL
RESEARCHERS AND POST-DOCTORAL RESEARCHERS:

Mr Francesco Bruzzone, 2018-present

Dr Giuseppe Pungillo, 2018-2019

Dr Federico Cavallaro, 2017-2019

Ms Olga Irranca-Galati, 2017-2019

Ms Anna Franchini, 2017-2018

Mr Alberto Dianin, 2017

SUMMARY OF CURRENT AND PAST THESIS SUPERVISION

	Current			Completed			Total
	Supervising	Co-Supervising	Opposing	Supervised	Co-Supervised	Opposed	
<i>PhD Students</i>	1	-	-	1	2	5	9
<i>MSc Students</i>	3	-	-	31	38	-	72
<i>BA Students</i>	-	--	-	-	1	-	1
Total	4	-	-	32	41	5	82

CURRENT STUDENT RESEARCH TOPICS

(*) Main supervisor

- (*) Francesco Bruzzone, PhD. Title: TBD. Estimated completion: 2023
- (*) Sofia Corradin, MSc. Title: TBD. Estimated completion: 2022
- (*) Salvatore Birriolo, MSc. Title: TBD. Estimated completion: 2022
- (*) Miriam Gagliotta, MSc. Title: TBD. Estimated completion: 2022

COMPLETED STUDENT PHD THESES

(*) Main supervisor

(§) Opponent

- (§) Gabriele d'Orso. Supervised by: Marco Migliore. Title: *Progettazione in un contesto multiutente e multimodale di sistemi bike/car sharing per uno sviluppo sostenibile e smart di una città metropolitana*. Completed: 2021 at Università di Palermo, Italy
- (§) Giuseppe Pungillo. Supervised by: Gabriella Mazzulla. Title: *Lo studio della sicurezza stradale per una mobilità sostenibile. Analisi sperimentale del comportamento di guida degli utenti tramite l'utilizzo di sistemi ITS*. Completed: 2018 at Università della Calabria, Italy
- (§) Valentina Colazzo. Supervised by: Alberto Budoni and Agostino Cappelli. Title: *Esternalità, impatti ed effetti delle infrastrutture: un approccio integrato per processi partecipati di valutazione*. Completed: 2018 at Università di Roma "La Sapienza", Italy
- (§) Nadia Giuffrida. Supervised by: Giuseppe Inturri. Title: *A PPGIS and Multi Criteria Decision Analysis framework for the Evaluation of Transport Scenarios*. Completed: 2018 at Università di Catania, Italy

- (§) Michele Carta. Supervised by: Gianfranco Fancello. Title: *Implementazione di modelli di aiuto alle decisioni, basati su tecniche di analisi multi-criteria, come supporto alla programmazione delle strategie e delle azioni sulle reti di trasporto stradale*. Completed: 2017 at Università di Cagliari, Italy
- (*)Federico Cavallaro. Co-supervised with: Stefania Tonin. Title: *Impacts and Evaluation of CO₂ Emissions in Transport Planning*. Completed: 2016 at IUAV University of Venice, Italy
- (§) Jani-Pekka Jokinen. Co-supervised with: Marko Nieminen. Title: *Economic Perspectives on Automated Demand Responsive Transportation and Shared Taxi Services: Analytical models and simulations for policy analysis*. PhD thesis. Completed: 2016 at Aalto University of Espoo, Finland
- Elisa Fornasiero. Co-supervised with: Agostino Cappelli. Title: *Scenario 2030: A tool to design a quality future*. Completed: 2014 at IUAV University of Venice, Italy
- (§) Lauri Haeme. Co-supervised with: Harri Hakula. Title: *Demand-Responsive Transport: Models and Algorithms*. Completed: 2013 at Aalto University of Espoo, Finland
- Alberta Parolin. Co-supervised with: Agostino Cappelli. Title: *Cities and transport networks. Comparative atlas*. Completed: 2010 at IUAV University of Venice, Italy

COMPLETED STUDENT MSc THESES

(*) Main supervisor

- (*)Alice Bernacci. Title: *Analisi di efficacia degli interventi low-cost sulla mobilità urbana*. Completed: 2021
- (*)Filippo Ossola, Kristina Sverić. Title: *Traffic and tourism issues in coastal cities in Dalmatia: A comprehensive approach*. Completed: 2021
- (*)Alberto Doria. Title: *Il problema della sosta in campo urbano. Analisi semi-automatica dell'informazione letteraria e relazione con il sistema di pianificazione della città e del territorio*. Completed: 2021
- (*)Laura Ferretto. Title: *Environmental effects and externalities of transport: The case of Aberdeen city*. Completed: 2020
- (*)Elton Zorba. Title: *Strategie di pendolarismo efficiente. Caso studio di città con economie emergenti*. Completed: 2020
- (*)Fabrizio Onano. Title: *Autonomous Vehicles: Politiche di pianificazione dei trasporti e studio degli impatti sul territorio*. Completed: 2018
- (*)Francesca Dal Cin. Title: *La trasformazione della città attraverso la mobilità elettrica*. Completed: 2017
- (*)Eros Regolini. Title: *Big Data e Trasporti: Nuovi Scenari e Orientamenti per la Smart Mobility nel Veneto*. Completed: 2017
- (*)Andrea Graziano. Title: *Il ruolo della pianificazione dei trasporti nelle dinamiche urbane contemporanee*. Completed: 2016
- (*)Olga Irranca Galati. Title: *L'incertezza nella stima dell'anidride carbonica nella pianificazione dei trasporti*. Completed: 2016
- (*)Anselmo Lepore. Title: *I meccanismi di finanziamento nella pianificazione dei trasporti*. Completed: 2016
- (*)Alberto Fabio. Title: *Pianificazione e verifica di una rete di autobus a griglia ortogonale*. Completed: 2016
- (*)Federico Giaretta. Title: *La riduzione delle emissioni di CO₂ nei trasporti: l'impatto degli ITS e del Road Pricing*. Completed: 2016
- (*)Giacomo Pizzinato. Title: *L'analisi dell'effetto dei sistemi di TPL sui valori immobiliari*. Completed: 2016
- (*)Maria Teresa Palatini. Co-supervised with Renato Bocchi. Title: *Traffic Calming: Quando, Dove, Come, Perché*. Completed: 2015
- (*)Giulia Sinigaglia and Irene Zancanaro. Co-supervised with Margherita Vanore. Title: *La linea ferroviaria Noto-Pachino: le valutazioni e proposte progettuali*. Completed: 2014
- (*)Giada Artuso. Title: *Modello per la valutazione degli effetti territoriali di un'infrastruttura di trasporto*. Completed: 2013

- (*)Paolo Parolini. Co-supervised with Francesco Musco. Title: *Il rapporto tra la ferrovia Brescia - Iseo - Edolo e la pianificazione territoriale locale in Valle Camonica: un'occasione d'altri tempi*. Completed: 2013
- (*)Stefania Rachello. Title: *Analisi delle possibili strategie delle imprese di trasporto*. Completed: 2012
- (*)Lucia Bonan. Title: *Metodi di stima dell'inquinamento atmosferico da trasporto: il caso delle autostrade italiane*. Completed: 2012
- Alberto Longo. Co-supervised with: Alberto Cecchetto, Aldo Aymonino. Title: *Il sistema delle mura cinquecentesche di Padova fra l'Ospedale Nuovo del Cerato, i giardini di Parco Treves e il canale S.Massimo, limiti o punto di contatto fra interno ed esterno del centro storico?: quattro elementi di riorganizzazione urbana per la città di Padova*. Completed: 2010
- Simone Siino. Co-supervised with Aldo Aymonino, Alberto Cecchetto. Title: *Bordi urbani: occasioni di sviluppo tra residenziale e industriale*. Completed: 2010
- (*)Federico Cavallaro. Co-supervised with Aldo Aymonino, Alberto Cecchetto. Title: *L'area di cerniera tra la città antica e la periferia est di Verona: un nuovo paesaggio urbano in luogo delle officine ferroviarie*. Completed: 2009
- Andrea Regosa. Co-supervised with Aldo Aymonino, Alberto Cecchetto. Title: *Asolo 2050: Un futuro possibile*. Completed: 2009
- Michele Piotto. Co-supervised with Aldo Aymonino, Alberto Cecchetto. Title: *Bassano del Grappa: la nuova porta della Città*. Completed: 2009
- Marta Magnabosco and Stefania Blaseotto. Co-supervised with: Aldo Aymonino. Title: *La città si riappropria dei suoi spazi*. Completed: 2009
- Giorgio Cappellato, Niccolò Dalla Libera and Luca Mares. Co-supervised with: Aldo Aymonino, Alberto Cecchetto. Title: *Possibili domani per la città: strumenti per indagare il futuro*. Completed: 2009
- Bruna Garbuio and Elena Sperotto. Co-supervised with: Alberto Cecchetto, Aldo Aymonino. Title: *La strada come racconto dal territoriale all'urbano: viale De Gasperi a Bassano del Grappa*. Completed: 2009
- Alfonso Piazza. Co-supervised with: Alberto Cecchetto, Aldo Aymonino. Title: *Venice § watercity.com*. Completed: 2009
- Monica Rossi. Co-supervised with: Aldo Aymonino. Title: *Il sistema fiume entra nel tessuto urbano*. Completed: 2009
- Nicola Mandelli. Co-supervised with Aldo Aymonino, Alberto Cecchetto. Title: *Brescia: Punto di contatto*. Completed: 2009
- Riccardo Bandera and Manuel Marchesin. Co-supervised with Aldo Aymonino, Alberto Cecchetto. Title: *La Città del Piave: un ruolo nella metropoli lagunare*. Completed: 2009
- Nicolò Colleoni, Francesco Faggian, and Mara Matijasic. Co-supervised with Aldo Aymonino, Alberto Cecchetto. Title: *Fare centro: Bergamo, il centro nella metropoli*. Completed: 2009
- Roberto Di Ciaula, Chiara Tonon, Francesca Zava. Co-supervised with Aldo Aymonino, Alberto Cecchetto. Title: *ge-NOVA*. Completed: 2009
- Ilaria Mietto, and Pietro Bolis. Co-supervised with Aldo Aymonino, Alberto Cecchetto. Title: *In between campus*. Completed: 2009
- (*)Lucio Maria Rubini. Co-supervised with: Agostino Cappelli. Title: *La testa di ponte insulare a Venezia: schemi e prospettive della mobilità*. Completed: 2008
- Marko Percic. Co-supervised with: Aldo Aymonino. Title: *Pula: sistema di bordo: spostare baricentri*. Completed: 2007
- Barbara Georgia Pozzato and Ivania Smedile. Co-supervised with: Stefano Rocchetto, Valentina Gambelli. Title: *Lo spazio del moto: progetto di completamento della tangenziale est di Padova: la strada, il borgo, il parco*. Completed: 2006
- Jacopo Zabeo. Co-supervised with Agostino Cappelli. Title: *Evoluzione dell'incidenza dei fattori socio economici sul traffico romano e confronto dei flussi tra gli anni sessanta e oggi*. Completed: 2006

- (*)Federico Paterlini. Co-supervised with: Agostino Cappelli. Title: *Un project financing per il parcheggio scambiatore di servizio alla metropolitana leggera di Brescia*. Completed: 2006
- Chiara Piasentini. Co-supervised with: Agostino Cappelli. Title: *S.S. 434: la Transpolesana, un project financing*. Completed: 2006
- Eugenio Romanelli and Sebastiano Sammartini. Co-supervised with Agostino Cappelli, Dario Trabucco. Title: *Analisi delle inefficienze del sistema di trasporto merci nel centro storico di Venezia: un approccio sperimentale*. Completed: 2006
- (*)Valentina Dell'Antonia and Elisabetta Mattiello. Co-supervised with Agostino Cappelli. Title: *Applicazione dei sistemi intelligenti di trasporto alla realtà territoriale veneta*. Completed: 2006
- Alessandra Stronchi and Chiara Todesco. Co-supervised with: Agostino Cappelli. Title: *Verso una mobilità flessibile: un esempio nella terraferma veneziana*. Completed: 2006
- (*)Ivan Roncari. Co-supervised with Agostino Cappelli. Title: *Le autostrade del mare*. Completed: 2006
- Giosuè Bacchin and Barnaba Bortoluzzi. Co-supervised with: Agostino Cappelli. Title: *SFMR. Una sfida per il Veneto: analisi del sistema ferroviario metropolitano regionale*. Completed: 2006
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(*)Main supervisor

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