



Valentina
Costa

Work Experiences

PHD STUDENT IN LOGISTICS AND TRANSPORT

PhD Program in Sea sciences and technologies

Centro del Mare, Università di Genova (Genova)

• 11/2021 - Present

Main research fields:

- Sustainable Mobility e Urban Planning
- Urban and territorial regeneration actions related to accessibility issues
- Community and stakeholders engagement processes
- Urban Logistics

RESEARCH FELLOW

Università degli Studi di Genova (Genova) • 12/2020 - 10/2021

- Urban Mobility and Territorial Flows Analysis
- Urban Planning activity, focusing specifically on infrastructure and sustainable mobility (also through GIS elaborations)

In details:

- Research activity on recent mobility trends as MaaS and DRT, referring specifically on Ligurian local contexts (Both Metropolitan City and Internal Areas)
- *Demand Responsive Transport* design for Ligurian Internal Areas Antola-Tigullio and Beigua-SOL
- *On demand transport services analysis* for Alta Valle Arroscia Internal Area within PITEM CLIP Project, *Interreg European Program ALCOTRA* Italy-France
- Part of project-team for Transport Planning Activity for Rapallo Municipality (Liguria, Italy)
- Part of project-team for Sustainable Urban Mobility Plan (Strategical Framework) for Genova Municipality (Liguria, Italy)
- Part of research-team for Guidelines to the feasibility study for Portofino Tunnel
- Research activity on the connections between civil society activism and urban planning and territorial protection framework design within the Genova and Girona Universities twinning project "Savingscapes: role and relevance of civil society in landscape and heritage Conservation"-Strategic Academic Partnership-ERASMUS+
- Stakeholders engagement activity to deepen Genova Logistical Hub traffic flow knowledge (in partnership with Autostrade per l'Italia and UniNa)
- Part of UniWeLab on Sustainable Mobility (in partnership with WeBuild)
- Part of project-team for Genova University Bicycle Network design (in partnership with Smart Mobility Office-Genova Municipality)
- Part of work-team of Ulysseus Erasmus+ Project (in collaboration with Hagga Helia (FI), Nice-Cote Azur (FR), MCI Entrepreneurial School (AT), TUKE University (SL), UniSevilla (ES))
- Tutor at Università di Genova for Urban Planning Course (Architecture Department)

INTERNSHIP

Liguria Digitale (Genova) • 01/2020 - 12/2020

- Territorial digital survey techniques
- Digital applications and software for pointclouds and survey elaborations
- GIS software elaborations

Education

MASTER'S DEGREE (LM4)

BUILDING ENGINEERING AND ARCHITECTURE

Università di Genova, 09/2017-12/2019

- 110/110 cum Laude, graduation thesis on "CFD approach for HVAC systems analysis of Genova Carlo Felice Theatre"

SCIENCES AND TECHNOLOGIES FOR SUSTAINABILITY
SECOND-LEVEL CERTIFICATE

IANUA-Scuola Superiore dell' Università di Genova, 11/2017-07/2019

- Cross-disciplinary education on Sciences and Technology for Sustainability
- Cross-sectoral workshops and lectures

BACHELOR'S DEGREE (L17)

ARCHITECTURE (BUILDING ENGINEERING CURRICULUM)

Università di Genova, 09/2014-10/2017

110/110 cum Laude, graduation thesis on "Urban Regeneration schemes: Bilbao and Genova case studies"

FOREIGN LANGUAGES

English: C1 Level (FCE-2012)

French: A2 Level

SOFTWARES

Pacchetto Office (Word, Excel, Powerpoint)

Autocad 2D-3D

SketchUp

Ansys Fluent

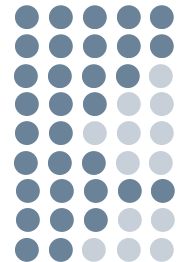
Rhinoceros

Software GIS

Photoshop

Indesign

BIM Revit



CERTIFICATIONS

- Civil and Environmental Engineer Professional Qualification

July 2020

ACADEMIC PAPERS

- **Delponte, I., Bianco, V., Costa, V. (2022). The Role of Non-Energy Impact Assessment in Boosting Energy Efficiency and Urban Regeneration Projects: The RenOnBill Project and Experiences from Liguria Region. Energies 2022, 15(11), 4093; <https://doi.org/10.3390/en15114093>**
- **Delponte, I., Costa, V. (2021). SNAI ed Aree di domanda debole del trasporto, un approccio place-based: il caso dell'Area Antola-Tigullio. BDC-Bollettino del Centro Calza-Bini, V. 21 N. 2**
- **Costa, V., Sciaccaluga, M., Soraggi, D. (2022). Hackathon, in Delponte, I., Musso, E. (edited by), Mobilità sostenibile-La Sopraelevata. GUP, Genova. ISBN: 978-88-3618-126-1**
- **Costa, V., Soraggi, D. (2022). Uniwetalk, in Delponte, I., Musso, E. (edited by), Mobilità sostenibile-La Sopraelevata. GUP, Genova. ISBN: 978-88-3618-126-1**
- **Costa, V., Soraggi, D., Vuocolo, M. (2022). Postfazione, in Delponte, I., Musso, E. (edited by) Mobilità sostenibile-La Sopraelevata. GUP, Genova. ISBN: 978-88-3618-126-1**

- **Delponte, I., Costa, V. (2022). Metropolitan MaaS and DRT Schemes: are they paving the way towards a more inclusive and resilient urban environment?** *From Sixth International Conference on Universal Design Transforming our World through Universal Design for Human Development, Brescia, September 7-9, 2022.* ISBN 978-1-64368-305-8
- **Caballini, C., Corazza, M.V., Costa, V., Delponte, I., Olivari, E. (2022). Assessing the Feasibility of MaaS: A Contribution from Three Italian Case Studies.** *Sustainability* 14(24), 16743; <https://doi.org/10.3390/su142416743>
- **Delponte, I., Costa, V., Cascetta, E., Carteni, Scisciot, F. (2022). Buffer areas for sustainable logistics. Assessing their added value towards port community.** *TeMA- Journal of Land Use, Mobility and Environment* 3 (2022) 487-500 print ISSN 1970-9889, e-ISSN 1970-9870 DOI:10.6092/1970-9870/9232
- **Soraggi, D., Costa, V., Delponte, I. (2022). Cycling in Genoa: Contemporary processes for a new vision of the Sopraelevata.** *About Cities* 4 (2022/2023) IT/EN. ISSN 2724-3850
- **Delponte, I., Costa, V. (2022). Mobilità sostenibile: crisi che ci aiutano a cambiare.** *Da Città e piani del rischio pandemico, ESI Edizioni, ISBN 978-88-495-5054-2*
- **Beltrami, M., Costa, V., Ferrari, C., Musso, E. (2021). Free-Fare Public Transport, verso una mobilità urbana più sostenibile? Spunti dall'esperienza genovese.** *Rivista di Economia e Politica dei Trasporti*, n° 3 Articolo 2, ISSN 2282-6599
- **Delponte, I., Costa, V. (2023). Ligurian Internal Areas and Demand Responsive Transport: an innovative approach to tackle social exclusion and to re-design sustainable accessibility.** *Transport Research Procedia, Volume 69,2023, Pages 179-186, ISSN 2352-1465, <https://doi.org/10.1016/j.trpro.2023.02.160>.*
- **Costa, V., Soraggi, D. (2022). Cambiamento Climatico, Water resources management, Governance e NBS: il ruolo degli scenari nella definizione delle strategie di adattamento. Proposte per rendere più resiliente la città di Girona.** *Urbanistica Informazioni*, n° 306 s.i., 2022, Pages 136-138, ISSN 0392-5005
- **Soraggi, D., Costa, V., Delponte, I. (2022). Definizione di scenari progettuali futuri per la Sopraelevata di Genova. Un'overview di green infrastructures.** *Urbanistica Informazioni*, n° 306 s.i., 2022, Pages 476-479, ISSN 0392-5005
- **Delponte, I., Costa, V. (2023). A short-sea-shipping system for Liguria coast: first analysis at local, regional and cross-border scale.** *European Transport*, Vol. 92 (7), ISSN 1825-3997 DOI: [10.48295/et.2023.92.7](https://doi.org/10.48295/et.2023.92.7)
- **Delponte, I.; Costa, V.; Nuss Girona, S.; Vicente Rufi, J. (2023). Civil Society Mobilizations Shaping Landscape in Genoa and Girona Areas: Results and Lessons Learnt from the Savingscapes Project.** *Land* 2023,12, 922. <https://doi.org/10.3390/land12040922>
- **Nuss Girona, S., Delponte, I., Vicente Rufi, J., Costa, V. (2023). Environmental movements shaping the landscape in Genoa and Girona: From reactive to regenerative local mobilizations?,** *Progress in Planning*, 2023, 100777, ISSN 0305-9006, <https://doi.org/10.1016/j.progress.2023.100777>.
- **Delponte, I., Costa, V., Moggia, S., Marcenaro, S. (2022). I SECAP e la valutazione della vulnerabilità nei confronti del rischio climatico - elaborazione di una metodologia semplificata per i Comuni Liguri.** In Cerreta M., Russo M. (a cura di, 2023), *La valutazione come parte del processo pianificatorio e progettuale*, Atti della XXIV Conferenza Nazionale SIU Dare valore ai valori in urbanistica, Brescia, 23-24 giugno 2022, vol. 09, Planum Publisher e Società Italiana degli Urbanisti, Roma-Milano 2023. ISBN 978-88-99237-51-6

- **De Lotto, R., Delponte, I., Venco, E. M., Pietra, C., Costa, V. (2023). Problem Setting on Energy Risk and Climate Change Adaptation: Topics and Tools.** In Gervasi, O., Murgante, B., Rocha, A. M. A. C., Garau, C., Scorza, F., Karaca, Y., & Torre, C. M. (Eds.). (2023). *Computational Science and Its Applications – ICCSA 2023 Workshops* (Vol. 14112). Springer Nature Switzerland. https://dx.doi.org/10.1007/978-3-031-37126-4_7
- **Soraggi, D., Costa, V., Delponte, I. (2023). Sustainability Crossing the City: Developing a Sustainable Infrastructures System for Genoa Urban Center.** In Gervasi, O., Murgante, B., Rocha, A. M. A. C., Garau, C., Scorza, F., Karaca, Y., & Torre, C. M. (Eds.). (2023). *Computational Science and Its Applications – ICCSA 2023 Workshops* (Vol. 14112). Springer Nature Switzerland. https://dx.doi.org/10.1007/978-3-031-37126-4_32
- **Barbano, M., Costa, V. (2023). Implementing Urban Air Mobility in a Multi-Level Regulatory Framework: Perspectives from the EU.** *Conference Proceedings, 2023 International Conference on Unmanned Aircraft Systems (ICUAS) June 6-9, 2023 | Lazarski University, Warsaw, Poland*
- **Delponte, I., Costa, V. (2023). Metropolitan MaaS and DRT Schemes: are they paving the way towards a more inclusive and resilient urban environment?** *Urbanistica Informazioni*, n° 309 s.i., 2023, Pages 38-40, ISSN 0392-5005
- **Delponte, I., Costa, V. (2023). Le università come testbed per applicazioni MaaS: proposta di un approccio metodologico a supporto della transizione verso una mobilità più sostenibile.** *Atti di Convegno “5° SEMINARIO – Giornate di Studio “Sistema di Trasporto su Gomma per i Passeggeri”, Settembre 27-28, 2023, Roma*

Currently in Pre-Print version:

- **Delponte, I., Costa, V. (2023). Tackling Un-Sustainable Mobility. Smart city tools to limit car access to the city center through MaaS solutions. the Genoese experience.** *Conference Proceedings 12th International Conference on Innovation in Urban and Regional Planning. Lecture Notes in Civil Engineering (LNCE)*
- **Soraggi, D., Costa, V., Delponte, I. (2023). Definizione di scenari progettuali futuri per la Sopraelevata di Genova. Un’overview di green infrastructures.** *TRIA*, n. 31
- **Soraggi, D., Costa, V., Delponte, I. (2023). Il learning-by-cases per la progettazione di infrastrutture urbane sostenibili. Non tutte le Green Infrastructures sono “green”, il caso della Sopraelevata di Genova.** *BDC-Bollettino del Centro Calza-Bini*, V.23 N.1
- **Soraggi, D., Costa, V. (2023). Different conceptions of Active Mobility: how cyclability is planned in the world. Case study investigation.** In Tira, M., Tiboni, M., Pezzagno, M., Maternini, G. (edited by) *New Challenges for Sustainable Urban Mobility: Volume Two-Proceedings of the XXVI International Conference on Living and Walking in Cities, 2023.* Springer Nature.
- **Costa, V., Soraggi, D. (2023). May Mobility-as-a-Service lead to more sustainable urban patterns? Examining spatial regenerative potential of mobility integration through MaaS Hub implementation.** In Tira, M., Tiboni, M., Pezzagno, M., Maternini, G. (edited by). *New Challenges for Sustainable Urban Mobility: Volume Two-Proceedings of the XXVI International Conference on Living and Walking in Cities, 2023.* Springer Nature.

SUMMER/WINTER SCHOOLS

- **Summer School-The potential of Nature-Based Solutions (NBS) for water resources management in Mediterranean medium-sized cities in the context of climate change.** Blended Intensive Program, Erasmus + Universitat de Girona, June, 20-July, 01, 2022
- **II Apulian Summer School In Transport Economics And Infrastructures (ASTEI).** Università di Bari “Aldo Moro”, October, 17-20, 2022