

CURRICULUM VITAE



PERSONAL INFORMATION

Name and Surname	Marilisa Moretti
Address	Viale Libertà 11b – Pavia (PV) 27100
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Email	marilisa.moretti@unipv.it
Nationality	Italian
Date of birth	29/09/1994
Current position	PhD Candidate in "Design, Modeling and Simulation in Engineering" – XXXVII cycle at the Department of Civil Engineering and Architecture - Architecture and Territory Section University of Pavia

EDUCATION AND TRAINING

• Date	June 2021
• Institution name	University of Pavia
• Qualification	Graduation to professional Engineer, section A
• Date	From September 2014 to December 2020
• Institution name	University of Pavia – Department of Civil Engineering and Architecture Faculty of Engineering – Degree Course in Building Engineering – Architecture
• Qualification	Master Degree in Building Engineering – Architecture: 105/110 Thesis: Description and quantitative interpretation of territorial sustainability: the DPSIR method for the Lombardy Region. Supervisor: Prof. Roberto De Lotto - Co-advisor: Prof. Elisabetta Maria Venco
• Date	From September 2008 to July 2013
• Institution name	Liceo Scientifico Statale "Niccolò Copernico" – Pavia
• Qualification	Scientific high school diploma: 85/100

RESEARCH ACTIVITIES

• Date	From 1 October 2021 (current)
• Name and address of employer	Department of Civil Engineering and Architecture of the University of Pavia – Via Ferrata 3, Pavia (PV) Architecture and Territory Section – Urban Project Laboratory (UPLab)
• Position	PhD Candidate in "Design, Modeling and Simulation in Engineering" – XXXVII cycle Supervisor: Prof. Roberto De Lotto
• Research topics	The research focuses on the study of sustainable planning strategies with a mathematical and geographical simulation model based on the relationship between land use and pollutant emissions.

• Date	From May 1 to September 30, 2021
• Name and address of the employer	Department of Civil Engineering and Architecture of the University of Pavia – Via Ferrata 3, Pavia (PV) Architecture and Territory Section – Urban Project Laboratory (UPLab)
• Position	Research Fellow "Soft mobility, reduction of environmental impact and safety: studies and plans for mobility in Pavia" Supervisor: Prof. Alessandro Greco
• Research topics	<ul style="list-style-type: none"> - Analysis of the flow scheme and scheme of widespread and punctual critical issues regarding the theme of mobility in the Cities of Pavia. - Creation of project proposals related to the increase of cycling mobility and the safety of pedestrian paths and crossings. - Qualitative analysis of time and costs of maintenance interventions proposed in the sections and plans - Analysis and design of project proposals that lead to the resolution or improvement of critical points concerning soft mobility in the municipalities of Borgarello, Cura Carpignano, Torrevecchia Pia, Vidigulfo, Landriano and Vellezzo Bellini in relation to the Young4Future project.
• Date	From 8 March to 30 April, 2021
• Name and address of the employer	Department of Civil Engineering and Architecture of the University of Pavia – Via Ferrata 3, Pavia (PV) Architecture and Territory Section – Urban Project Laboratory (UPLab)
• Position	Research performance for the assignment "Construction of the reference framework, of the type of intervention modality and design scheme of the Pavia soft mobility system in relation to the planning and environmental context of the city of Pavia" Supervisor: Prof. Alessandro Greco
• Research topics	<ul style="list-style-type: none"> - Territorial and urban analysis of the City of Pavia through DBT, cartography, open source software and inspections subject to a study aimed at identifying solutions for the improvement of the city's cycle-pedestrian circulation in relation to the Contract in place between the Department of Civil Engineering and Architecture (DICAr) and the Municipality of Pavia. - Schemes and design strategies through the georeferenced opensource collaborative tool MyMaps.

DIDACTIC ACTIVITY

• Date	From October, 2021 to February, 2022
• Institution and degree course	University of Pavia Master Degree in Building Engineering -Architecture
• Activity	Assistance activity for the course <i>Environmental Planning and Assessment</i> , SSD ICAR/20 (5th year, I semester), Prof. De Lotto R.
• Date	From March to July, 2022
• Institution and degree course	University of Pavia Master Degree in Building Engineering -Architecture

- Activity | Didactic seminar for the course *Tecnica Urbanistica*, SSD ICAR / 20 (3rd year, II semester), Prof. De Lotto R. and Prof. Venco E.M.

CONFERENCES/WORKSHOPS

- Date | October 29, 2021
- Institution | University of Salerno, Italy
- Conference | UrbIng PhD,
 - Topic | Presentation of the research developed within the PhD on the occasion of the event for PhD students organized by UrbIng.
- Date | 4-5-6-7 July 2022
- Institution | University of Malaga, Spain
- Conference | ICCSA 2022 - The 2022 International Conference on Computational Science and its Applications.
 - Topic | Presentation "Lack of correlation between land use and polluting emissions: the case of the province of Pavia".
- Date | 21-22 June 2022
- Institutions | University of Brescia, Italy
- Workshop | YoungerSIU 2022 – XXIV National Conference of the Italian Society of Urban Planners - Giving value to values in urban planning: the points of view of the actors in urban transformation.
 - Topic | Waste-to-Energy Plant of the City of Brescia.
- Date | 23-24 June 2022
- Institution | University of Brescia, Italy
- Conference | SIU 2022 – XXIV National Conference of the Italian Society of Urban Planners - Giving value to values in urban planning: the points of view of the actors in urban transformation.

TRAINING ACTIVITIES

- Date | 7-8-9-10 February 2022
- Institution | University of Pavia, Italy
- Course and Supervisor | *Advanced Planning for Emergencies in Regional and City Management*
Prof.ssa Elisabetta Maria Venco and Prof. Roberto De Lotto
- Date | February 24, 2022
- Institution | University of Pavia, Italy
- Course and Supervisor | *Open access, open data, open science*
Prof. Paola Galimberti

• Date	21-27 April, 4-11-18 May, June 1, 2022
• Institution	University of Milan, Italy
• Workshop	<i>Comunicazione Efficace</i> Edited by Assolombarda
• Date	5-12-19-26 April, May 3, 2022
• Institution	University of Brescia (BS), Italy
• Conference	<i>Neo-institutional approaches to socio-spatial issues</i> Prof.ssa Anita De Franco e Prof. Stefano Moroni
• Date	19-23 September, 2022
• Institution	University of Pavia
• Conference	<i>Communities and Vulnerabilities</i> Prof. Emanuele Giorgi and Prof. Tiziano Cattaneo

NATIVE LANGUAGE

Italian

OTHER LANGUAGES

	English
• Reading skills	[good]
• Writing skills	[good]
• Oral expression skills	[good]
	French
• Reading skills	[good]
• Writing skills	[good]
• Oral expression skills	[good]

TECHNICAL SKILLS AND COMPETENCES

• Software	Autodesk AutoCAD Adobe Photoshop Adobe InDesign Adobe Illustrator Q-Gis AgisoftPhotoScan
• Skills	Excellent skills in data analysis and processing Good communication and exposure skills. Good team-working and adaptability skills. Good information management skills.

PUBLICATIONS

R. De Lotto, A. Greco, M. Moretti, C. Pietra, E. M. Venco (2021) Collaborative Soft Mobility Planning For University Cities: The Case Of Pavia. XXV International Conference Living and Walking in Cities - New scenarios for safe mobility in urban areas (LWC 2021), 9-10 September 2021, Brescia, Italy.

De Lotto, R., Moretti, M., Venco, E.M., Bellati, R., Monastra, M. (2022). Lack of correlation between land use and polluting emissions: the case of the province of Pavia. In: Gervasi, O., Murgante, B., Misra, S., Rocha, A.M.A.C., Garau, C. (eds) Computational Science and Its Applications – ICCSA 2022 Workshops. ICCSA 2022. Handouts in Computer Science, vol 13382. Springer.