

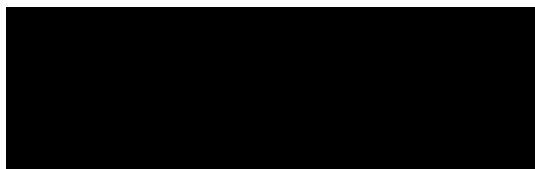
Eugenio Morello

Associate Professor in Urban Planning

Department of Architecture and Urban Studies (DASTU), Politecnico di Milano

Chair, PhD Programmed in Urban Planning, Design and Policy

Contacts



W www.labsimurb.polimi.it

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PROFESSIONAL PROFILE

Associate Professor in Urban Planning at Politecnico di Milano and Chair of the PhD Programme in Urban Planning, Design and Policy. Scientific Coordinator of the Fausto Curti Urban Simulation Laboratory and the Climate Change Risk and Resilience Lab.

His research focuses on the integration of **Nature-based Solutions (NbS)** into urban planning and design to support climate adaptation, biodiversity enhancement, ecosystem restoration and sustainable urban regeneration. His work combines urban planning, environmental assessment, spatial modelling, urban living labs, stakeholder engagement and co-creation methodologies to support systemic urban transitions.

He has coordinated and contributed to numerous European research projects including **URSOILL**, **GOCCIA**, **BIODENCITY**, **CLEVER Cities**, **NATI00NS**, **ProGREENLabs**, **Sharing Cities** and **Air-Break**, developing innovative approaches for NbS implementation, urban governance, soil restoration and climate resilience.

CURRENT POSITIONS

- Chair, PhD Programme in Urban Planning, Design and Policy (since 2025)
- Associate Professor in Urban Planning, Politecnico di Milano (since 2018)
- Scientific Coordinator, Fausto Curti Urban Simulation Laboratory
- Scientific Coordinator, Climate Change Risk and Resilience Lab

RESEARCH EXPERTISE

- **Nature-based Solutions (NbS) for climate adaptation and urban regeneration**, with a focus on planning, governance and implementation of ecosystem-based approaches to enhance urban resilience, biodiversity and environmental quality.
- **Urban Living Labs, co-creation and participatory governance**, developing and testing collaborative methodologies that engage public authorities, researchers, businesses and local communities in the design and evaluation of transformative urban interventions.
- **Urban ecology, biodiversity and soil restoration**, investigating how ecological processes can be integrated into spatial planning to support regenerative cities, ecosystem restoration and the implementation of the EU Green Deal and Mission Soil objectives.
- **Climate-sensitive urban planning and environmental assessment**, combining spatial analysis, environmental modelling and digital tools to support evidence-based planning, climate adaptation strategies and sustainable urban transitions.
- **Sustainability transitions and territorial governance**, exploring the interactions between ecological, energy and digital infrastructures to inform innovative planning frameworks and policy-making across multiple spatial scales

SELECTED COMPETITIVE PROJECTS

<i>Project (Years)</i>	<i>Programme</i>	<i>Role</i>
URSOILL (2025–2030)	Horizon Europe	Scientific Coordinator (DASTU); Task Leader on Living Labs and regional ecosystems
BIODENCITY (2026–2028)	Biodiversa+	Scientific Coordinator (DASTU); WP4 Leader on Living Lab experiments

<i>Project (Years)</i>	<i>Programme</i>	<i>Role</i>
GOCCIA (2024–2028)	European Urban Initiative	Scientific Coordinator (DASStU); WP8 Leader on interspecies planning and urban biodiversity
ProGREENLabs (2024–2027)	Erasmus+	Scientific Coordinator (DASStU); WP7 Leader
F.AIR (2025–2026)	Fondazione Cariplo	Principal Investigator
NATI00NS (2022–2024)	Horizon Europe CSA	Scientific Coordinator (DASStU); Task Leader on co-creation and Living Labs
Air-Break (2020–2023)	Urban Innovative Actions (ERDF)	Scientific Coordinator (DASStU); WP Leader on citizen engagement and co-creation
CLEVER Cities (2018–2023)	Horizon 2020	Scientific Coordinator (DASStU); research on co-design and Nature-based Solutions
Sharing Cities (2016–2021)	Horizon 2020	Scientific Coordinator (DASStU); co-design of urban services and sharing city strategies

LEADERSHIP

- Chair, PhD Programme in Urban Planning, Design and Policy
- Rector's Delegate for Environmental Sustainability (2017–2022)
- Coordinator of the Urban Simulation Laboratory
- Coordinator of the Climate Change Risk and Resilience Lab
- Member of the Milan Air & Climate Scientific Committee
- Expert, Italian National Climate Adaptation Plan

TEACHING

- **Energy, Climate and Urban Planning Studio** – MSc in Urban Planning and Policy Design (2011–present; course leader since 2011).
- **Environmental Design Principles** – BSc in Urban Planning (2017–present; course leader).
- **Digital Technologies & Sustainable Development** – MSc course offered across multiple programmes, School of Design (2022–2025; course leader).
- **Introduction to Research Methods** – PhD Programme in Urban Planning, Design and Policy (2022–2024; co-instructor).
- **Open Spaces Design** – PhD Programme in Urban Planning, Design and Policy (2017; co-instructor).
- **Digital Mapping & Spatial Data Analysis** – PhD Programme in Architecture, Built Environment and Construction Engineering (2018, 2020; instructor).
- **Eco-Urban Design Studio** – MSc in Architecture (2007–2011; adjunct professor).
- **Urban Design Studio** – BSc in Architecture (2006–2009; adjunct professor). Supervisor of more than **115 MSc theses** and **6 PhD candidates**.

SELECTED PUBLICATIONS

- Zendeli, D., Colaninno, N., Maiullari, D., van Esch, M., van Timmeren, A., Marconi, G., Bonora, R., & **Morello, E.** (2025). *From heatwaves to "healthwaves": A spatial study on the impact of urban heat on cardiovascular and respiratory emergency calls in the city of Milan*. **Sustainable Cities and Society**, 124, 106181.
- De Toni, A., & **Morello, E.** (2025). *Sustainable regeneration of industrial areas through enterprise engagement in collaborative design*. **Journal of Cleaner Production**, 494, 144936.
- Colaninno, N., & **Morello, E.** (2022). *Towards an operational model for estimating day and night instantaneous near-surface air temperature for urban heat island studies: Outline and assessment*. **Urban Climate**, 46.
- Mahmoud, I., **Morello, E.**, & Lemes de Oliveira, F. (Eds.). (2022). *Nature-based Solutions for Sustainable Urban Planning: Greening Cities, Shaping Cities*. Contemporary Urban Design Thinking Series. Springer Nature.
- Mahmoud, I., & **Morello, E.** (2021). *Co-creation pathway for urban Nature-based Solutions: Testing a shared governance approach in three cities and nine action labs*. In A. Bisello, D. Vettorato, D. Ludlow & C. Baranzelli (Eds.), *Smart and Sustainable Planning for Cities and Regions* (pp. 259–276). Springer.