

## Eugenio Morello *updated February 2026*

### *Business Address*

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An architect by education, Eugenio Morello is an Associate Professor in Urban Planning and Design and since 2025 has been the Chair of the Doctoral Programme in Urban Planning, Design and Policy at the Department of Architecture and Urban Studies (Dastu), Politecnico di Milano. He is the coordinator and research scientist at the 'Laboratorio di Simulazione Urbana Fausto Curti', Department of Architecture and Urban Studies (Dastu). Since 2020 is also the scientific coordinator of the 'Climate Change Risk and Resilience Lab' at Dastu. For the Department he is and has been the responsible investigator of several European and national projects.

In the period 2017-2022, he was the Rector's Delegate for environmental sustainability and responsible for institutional projects toward a sustainable campus. He was previously a Roberto Rocca postdoctoral fellow at the Human Space Lab, Polimi (2009), and at the SENSEable City Lab, MIT (2008). Earlier, he was an adjunct professor at Polimi (2006-2009), where he taught sustainable urban design. He holds a Ph.D. in Technology and Design for Environmental Quality at the Building and Urban Scale from Polimi (2006).

His research interest is situated in the interplay between urban design and planning and environmental quality, climate design, resilience, and adaptation to climate change. He investigates the integration of environmental aspects and urban transition solutions for the design of sustainable communities and cities toward the closing of energy and environmental cycles. In particular, he focuses on the assessment of environmental resources and renewable sources (mainly solar and biomass) and their spatial implications at the local and regional scale. He is also working on strategic planning for sustainability and localizing Sustainable Development Goals (SDGs) in master-planning design schemes and Higher Education Institutions. More recently, his research has opened new insights into collaborative consumption and sharing society and how these new paradigms can inform urban governance, planning, urban design, and co-design approaches.

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### EXPERIENCE

#### **Politecnico di Milano**

Milano, IT

(March 2018, since) Associate Professor in Urban Planning at the Dip. di Architettura e Studi Urbani, Laboratorio di Simulazione Urbana Fausto Curti. Research focuses on sustainable urban planning, climate action and energy transition.

#### **Politecnico di Milano**

Milano, IT

(March 2015 – February 2018) Assistant Professor (senior position) at the Dip. di Architettura e Studi Urbani, Laboratorio di Simulazione Urbana Fausto Curti. Research focuses on future energy scenarios and the city.

#### **Politecnico di Milano**

Milano, IT

(July 2010 – June 2014) Assistant Professor (junior position) at the Dip. di Architettura e Studi Urbani, Laboratorio di Simulazione Urbana Fausto Curti. Research focuses on future energy scenarios and the city.

#### **Politecnico di Milano**

Milano, IT

(May 2009 – April 2010) Roberto Rocca Postdoctoral Fellow. Dipartimento di Architettura e Pianificazione, Human Space Laboratory and Laboratorio di Simulazione Urbana. Research focuses on sustainable urban design, in particular on the implementation of digital simulation tools for assessing the environmental performance of the urban form.

#### **Massachusetts Institute of Technology**

Cambridge, MA

(February 2008 – January 2009) Roberto Rocca Postdoctoral Fellow. Department of Urban Studies and Planning, Senseable City Laboratory. Research focuses on sustainable urban design, in particular on the implementation of digital simulation tools for assessing the environmental performance of the urban form.

**Politecnico di Milano**

Milano, IT

(May 2006 – August 2007) BEST and ANDIL Postdoctoral Fellow. Department of Building, Environment, Sciences and Technology. Research focuses on sustainable urban design, in particular digital simulation tools for assessing the environmental performance of the urban form.

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**EDUCATION****Politecnico di Milano**

Milano, IT

(May 2006) Ph.D. cum laude, Department of Building, Environment, Sciences and Technology. Thesis: *Urban Morphology and the Environmental Quality: Tools to Assess the Strategies for the Compact City at the Scale of Urban Design* (supervisor: Andrea Campioli).

**Massachusetts Institute of Technology**

Cambridge, MA

(January 2005 – November 2005) Visiting Ph.D. candidate. Department of Urban Studies and Planning (DUSP), Senseable City Laboratory.

**Politecnico di Milano**

Milano, IT

(2002) MSc in Architecture, cum laude. Thesis: *Pole Europe: esperienza di progettazione integrata a distanza*. Thesis as the result of the participation to the research program “POLE-Europe” on e-learning in architecture and urban design in Aargau (CH).

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**RESEARCH EXPERIENCE**

For the Department, he is and has been the responsible investigator of several European projects, in particular the startup Horizon Europe project ‘URSOILL’ (2025-2030), the ongoing projects ‘GOCCIA’ (2024-2028), under the European Urban Initiative, and the EU Erasmus+ project ‘ProGREENLabs’ (2024-2027). He also led the now-completed Horizon Europe project ‘NATI00NS’ (2022-2024), the Horizon 2020 projects ‘CLEVER Cities’ (2018-2023) and ‘Sharing Cities’ (2016-2021) and the Urban Innovative Action (UIA) project Air-Break (2020-2023). He is the department’s scientific supervisor of the Horizon 2020 MSCA ‘MultiCAST’ (2022-2025) project, led by Nicola Colaninno, focusing on thermal-related urban climate analysis and simulation. Across these projects, he is responsible for citizen engagement strategies, co-creation pathways, and living lab activities related to urban sustainability and transition.

At the national level, he is the principal investigator of the project ‘F.AIR: Fragile AIR - Unfair Health’, a project assessing access to healthy environments from schools to communities, funded by Fondazione Cariplo (2025/26). Previously, he was the principal investigator and coordinator of the research project ‘AP+A: Aree Produttive, Aree Proadattive’, funded by the Italian Ministry of the Environment (2020-2022). For the Department, he also led the research activities for the projects ‘Climate change and territory: guidelines and operational proposals for the Metropolitan City of Milan’ and ‘Towards climate-proof landscapes for living and working’, both funded by Fondazione Cariplo (2017/18; 2018/19), initiating pathways toward metropolitan resilience.

*Research contracts on competitive calls*

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana**

Milano, IT

(January 2026 – December 2028) EU Biodeversa+ named ‘**BIODENCITY**: Reversing Biodiversity Decline in Densification Strategies using Innovative Sensing, Systemic Solutions and Data Driven City modelling for Transformative Change’. Project Coordinator: Chalmers University of Technology, SE. Role: Partner, Scientific Coordinator for Dastu and **leader of WP 4** on Living Labs Experiments. Contributed to the preparation of the project proposal in 2025. Funding acquisition for Dastu: ca. 149,000.00 €; Total Budget: 1,199.706 M€.

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana**

Milano, IT

(September 2025 – August 2030) EC Horizon Europe named ‘**URSOILL**: Innovative Solutions for Sustainable Urban Soil Restoration Through Living Labs’. Project Coordinator: RISE, SE. Role: Partner, Scientific Coordinator for Dastu and **leader of Task 1.1** on Setting the scene and understanding the living labs’ regional ecosystems. Contributed to the preparation of the project proposal in 2024. Funding acquisition for Dastu: ca. 434,250.00 €; Total Budget: 12 M€.

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana**

Milano, IT

(March 2025 – February 2026) Project funded by Fondazione Cariplo in response to the Call ‘Inequalities 2024’ named ‘**F.AIR**: Fragile AIR - Unfair Health - Assessing Access to Healthy Environments from Schools to Communities’. Project Coordinator: Politecnico di Milano. Role: **Principal Investigator** and **leader of WP 1, 3**

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**and 5.** Contributed to the preparation of the project proposal in 2024. Funding acquisition for Dastu: 72,654.75 €; Total Budget: 200,000.00 €.

**Politecnico di Milano, DASTU**

Milano, IT

(December 2024 – May 2028) EU ERDF European Urban Initiative (EUI) project named '**GOCCIA: Green opportunities to clean-up contaminants through an interspecies alliance**'. Project Coordinator: Municipality of Milan. Role: Partner and coordinator of the DASTU team and **WP 8 leader** with the Dept. of Design for the scientific framework and the establishment of the Interspecies Playground of la Goccia Bovisa in Milan, Italy. Contributed to the preparation of the project proposal in 2024. Funding acquisition for Dastu: 167,350.00 €, of which ca. 106,000 € for Labsimurb; Total Budget: 799,607.00 €.

**Politecnico di Milano, DASTU**

Milano, IT

(December 2024 – November 2025) CRAFT-Dastu funded project named '**ProdAction**'. Project Coordinators: Cristiana Mattioli and Eugenio Morello. Role: investigation of new forms of production and connected challenges of ecological and digital transition in the context of Milan Metropolitan City, Italy. Contributed to the preparation of the project proposal in 2024. Funding acquisition: 41,134.00 €; Total Budget: 23,890.08 €.

**Politecnico di Milano, DASTU**

Milano, IT

(November 2024 – March 2026) Città metropolitana di Milano funded project named '**Servizio di promozione culturale ed economica del Piano Urbano Integrato Città Metropolitana Spugna**'. Project coordinator: Ambiente Italia S.r.l. Partner: Politecnico di Milano. Role. Scientific coordinator with Valentina Dessì of the DASTU team and responsible for educational activities on sponge city projects and the analysis and storytelling of DNSH reports of the sponge projects. Contributed to the preparation of the project proposal in 2024. Funding acquisition: 91,473.00 €.

**Politecnico di Milano, DASTU**

Milano, IT

(July 2024 – December 2024) Fondazione Cariplo funded contract in response to the Call for ideas 'Strategia Clima 2024' for the '**Tutoraggio per la Strategia per la Transizione Climatica**'. Project coordinator: Poliaria temporary association of entities. Partner: Politecnico di Milano, Dastu. Role. Scientific coordinator of the DASTU team with Antonio Longo and Rachele Radaelli, responsible for supporting local partnerships of cities and stakeholders in setting up climate transition strategies. Contributed to the preparation of the project proposal in 2024. Funding acquisition: 19,600 €.

**Politecnico di Milano, DASTU**

Milano, IT

(April 2024 – March 2027) EC Horizon Europe Erasmus+ project named '**Pro-GREEN-LABS**' Partner: Politecnico di Milano. Role: Scientific Coordinator of the DASTU team and **WP 7 leader**. Contributed to the preparation of the project proposal in 2022. Funding acquisition: 91,473.00 €; Total Budget: 799,607.00 €.

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana**

Milano, IT

(November 2022 – October 2024) EC Horizon Europe CSA research project named '**NATIOONS: National engagement activities to support the launch of the Mission 'A Soil Deal for Europe' 100 Living Labs and Lighthouses**'. Partner: Politecnico di Milano. Role: Scientific Coordinator of the DASTU team and **Task 3.3 leader**; Co-creation experiences in urban land use and soil health for setting up living labs in preparation for the soil mission; contributed to the preparation of the project proposal in 2022. Funding acquisition: 158,537.50 €; Total Budget: 2,999,084.00 €.

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana**

Milano, IT

(May 2022 – April 2025) EC Horizon 2020 Marie Skłodowska-Curie actions call H2020-MSCA-IF-2020, Global Fellowship (GF), research project named '**MultiCAST: Multiscale Thermal-related Urban Climate Analysis and Simulation Tool**'. Partners: Politecnico di Milano - Massachusetts Institute of Technology (MIT). Role: **project supervisor**; P.I. Nicola Colaninno; Research Fields: Spatial and regional planning (including landscape and land management), GIS, Earth observations from space/remote sensing, Urbanization and urban planning, cities. Funding acquisition: 251.002 €; Total Budget: 251.002 €.

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana**

Milano, IT

(July 2020 – November 2023) EU ERDF Urban Innovation Actions (UIA) research project named '**Air-Break: Co-producing healthy clean commuting air spots in town**', Role: coordinator of the DASTU team, **WP7 leader** on citizens' engagement: co-creation and behavioural change; research for co-creation methods and urban integration of air quality solutions in Ferrara; contributed to the preparation of the project proposal in 2019. Funding acquisition: 248,920.00 €; Total Budget: 4M €.

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana** Milano, IT  
(September 2020 – August 2022) Progetto Cariplo Plastic Challenge 2019 named ‘**ASAP!: Acqua Sostenibile Al Politecnico**’. Role: partner, Scientific Coordinator of the DASTU team; contributed to the preparation of the project proposal in 2019. Funding acquisition: 22,833 €; Total Budget: 146,111 €.

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana and CCRR-Lab** Milano, IT  
(September 2020 – February 2022). Project funded by the Italian Ministry of the Environment (MATTM) named ‘**AP+A: Aree Produttive, Aree Proadattive**’. Role: **Principal Investigator**; contributed to the preparation of the project proposal in 2019. Funding acquisition: 150,000 €; Total Budget: 150,000 €.

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana** Milano, IT  
(January 2019 – December 2019) Progetto Cariplo Territorio 2018 named ‘**Verso paesaggi dell'abitare e del lavorare a prova di clima**: Adattamento ai cambiamenti climatici e miglioramento del comfort degli spazi pubblici e delle aree produttive nel territorio peri-urbano milanese’. Role: coordinator of the DASTU team; contributed to the preparation of the project proposal in 2018. Funding acquisition: 36,860 €; Total Budget: 135,000 €.

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana** Milano, IT  
(June 2018 – May 2023) EC Horizon 2020 Research project named ‘**CLEVER Cities**: Co-designing Locally tailored Ecological solutions for Value added, socially inclusive Regeneration in Cities’, GA N. 776604 - CLEVER. Role: coordinator of the DASTU team; research for co-design methods and application in Milan; contributed to the preparation of the project proposal. Funding acquisition: 192,000 €; Total Budget: 14.89 M€.

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana** Milano, IT  
(March 2018 – March 2020) Polisocial project named ‘**EnerPop**: Energia Popolare’: project manager and coordinator of the DASTU team; contributed to the preparation of the project proposal in 2017. Funding acquisition: 35,000 €; Total Budget: 80,000 €.

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana** Milano, IT  
(September 2017 – August 2018) Progetto Cariplo Territorio 2017 named ‘**Cambiamenti climatici e territorio**: linee guida e proposte operative della Città Metropolitana di Milano’: coordinator of the DASTU team; contributed to the preparation of the project proposal in 2017. Funding acquisition: 40,000 €; Total Budget: 115,000 €.

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana** Milano, IT  
(January 2016 – December 2021) EC Horizon 2020 Research project named ‘**Sharing Cities**’, GA N. 691895 - SHAR-LLM. Role: coordinator of the DASTU team on co-design of novel urban services towards the Sharing City in Milan; contributed to the preparation of the project proposal in 2015. Funding acquisition: 168,707 €; Total Budget: 28 M€

**Politecnico di Milano, DASTU, Lab. di Simulazione Urbana** Milano, IT  
(July 2010 – June 2014) Research named ‘**Uso del suolo e landscape urbanism verso il controllo del ciclo energetico e la qualità ambientale**’ on Urban Simulation and Modeling.

**Politecnico di Milano, DiAP Dept., Lab. di Simulazione Urbana** Milano, IT  
(April 2009 – April 2010) Extension of the project named ‘**Raster Cities**’ linked to the Rocca Fellowship.

**MIT, DUSP, Senseable City Laboratory** Cambridge, MA  
(February 2008 – February 2009) Research project named ‘**Raster Cities**’ linked to the Rocca Fellowship. The focus is the implementation of simulation tools for assessing the environmental performance of the urban form.

**MIT, DUSP, Senseable City Laboratory** Cambridge, MA  
(August 2008 – February 2009) Project leader of the research project named ‘**Trash Track**’. It relies on the development of smart tags attached to different types of garbage in order to track in real time each piece of waste traversing the city’s sanitation system. The goal is to reveal the disposal process of our everyday objects and waste, as well as to highlight potential inefficiencies in today’s recycling and sanitation systems.

**Politecnico di Milano, BEST Department** Milano, IT  
(May 2006 – August 2007) Energy efficiency of buildings, in particular investigation on the thermal performance of massive building envelopes (Politecnico di Milano in collaboration with ANDIL).

**Politecnico di Milano, BEST Department** Milano, IT  
(May 2006 – August 2007) Research on the Urban Heat Island effect and the application of cool surfaces in the urban environment (Politecnico di Milano in collaboration with ItalCementi).

### *Other Research Contracts*

- Politecnico di Milano, DASTU, Lab. di Simulazione Urbana** Milano, IT  
(January 2025 – December 2025) Polimi funded project named '**Piano di Adattamento ai Cambiamenti Climatici di Ateneo**'. Partner: Politecnico di Milano. Role: Principal Investigator and Scientific Coordinator for the implementation of the Climate Change Adaptation Plan of Polimi. Funding acquisition and Total Budget: 30,000 €.
- Politecnico di Milano, DASTU, Lab. di Simulazione Urbana** Milano, IT  
(September 2022 – August 2025) Next Generation EU PNRR project named '**National Biodiversity Future Center - NBFC**'. Partner: Politecnico di Milano. Role: Scientific coordinator of activity 7.3.3. on co-creation methods and activities for promoting urban biodiversity, participating in activities on urban planning models and NBS catalog.
- Politecnico di Milano, DASTU, Lab. di Simulazione Urbana** Milano, IT  
(January 2022 – December 2025) Creative EU project named '**S.T.A.G.E.S.: Sustainable Theatre Alliance for a Green Environmental Shift**'. Subcontractor: Politecnico di Milano. Role: coordinator and facilitator of the self-analysis process within Piccolo Teatro di Milano for supporting the sustainability governance of theater and the implementation of sustainability measures. Funding acquisition: 30,000 €; Total Budget: 2,999,084 €.
- Politecnico di Milano, DASTU, Lab. di Simulazione Urbana** Milano, IT  
(January 2022 – December 2022) Comune di Pero (MI) '**Aree Proadattive Pero**'. Project Coordinator: Politecnico di Milano. Role: Coordinator and facilitator of the living lab activities and climate action mapping of industrial production areas in Pero, Milan. Funding acquisition and Total Budget: 25,000 €.
- Politecnico di Milano, DASTU, Lab. di Simulazione Urbana** Milano, IT  
(December 2019 – November 2020) Polimi funded project named '**Bilancio di Sostenibilità Ambientale di Ateneo**'. Partner: Politecnico di Milano. Role: Principal Investigator and Scientific Coordinator for the implementation of the first Environmental Sustainability Report of Polimi. Funding acquisition and Total Budget: 25,000 €.
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### **AWARDS**

- (2023) CISBAT Conference Best Poster Award, Lausanne, CH, for the paper by Umakant Mahakalkar A., Morello E., Makki F., Eldesoky A., Caiani E., "Theoretical framework to develop an urban health index using built environment variables: the case of Ferrara, Italy".
- (2020) National qualification as full professor in urban and regional planning and design (professore di I fascia – SSD 8/F1 08/F1).
- (2019) CISBAT Conference Gold Paper Award, Lausanne, CH, for the paper by Colaninno N., Morello E., "Modelling the impact of green solutions upon the urban heat island phenomenon by means of satellite data"
- (2017) Polisocial Award, Politecnico di Milano – project proposal "EnerPop", project manager (P.I. Prof. Lorenzo Pagliano), Milan, IT.
- (2014) National qualification as associate professor in urban and regional planning and design (professore di II fascia – SSD 8/F1 08/F1).
- (2010) WSEAS Conference Best Student Paper Award, Algarve, PT.
- (2010) Winner of the Regione Lombardia Grant for a 3 years contract as research scientist at DiAP POLIMI, with the project "Uso del suolo e landscape urbanism verso il controllo del ciclo energetico e la qualità ambientale".
- (2008) Winner of the "Premio Tesi 2007" organized by the Ordine degli Ingegneri Provincia di Bolzano, 2nd prize.
- (2008) Winner of the Roberto Rocca Post-doctoral Fellowship at MIT.
- (2006) Winner of the ANDIL Fellowship.
- (2005) DRIN 199750 scholarship by Fondazione Politecnico di Milano and Regione Lombardia to support the research visiting period at MIT, Cambridge MA, US.
- (2003) Winner of the Politecnico di Milano 3 years scholarship as Ph.D. candidate, Milan, IT.
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### **TEACHING EXPERIENCE**

Since 2015 he is a member of the board of the Ph.D. programme named 'Urban Planning, Design and Policy' at Polimi, contributing to its teaching activities. Since 2011 he is the principal instructor of an urban design studio named 'Energy, Climate and Urban Planning' offered at the MSc programme in Urban Planning and Policy Design, where he explores the spatial and physical dimensions of urban transition and resilience solutions. Since 2022 he

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is the instructor of the course 'Digital Technologies and Sustainable Development' at the School of Design, offered to MSc students of different programs at Polimi. Since 2017 he is also the teacher of the course 'Environmental Design Principles', in the Bachelor programme in Urban Planning, with a specific focus on urban ecology and sustainable development applied to urban design.

**Politecnico di Milano, Ph.D. School, Dastu, Urban Planning, Design and Policy Ph.D. Programme**

*Introduction to Research Methods*. Ph.D. course (Winter Semesters 2022/23, 2023/24)

Main instructor together with Prof. Carolina Pacchi. Organized and coordinated the seminars with external guests. Prepared and supervised assignments for participants.

**Politecnico di Milano, School of Design**

*Digital Technologies & Sustainable Development*. Offered to 8 MSc programmes (Fall Semesters, since 2022). Main instructor together with Prof. Fiammetta Costa. Lectures series and supervision of students. Prepared and supervised assignments and conducted exams.

**Politecnico di Milano, POLIMI**

*Postgraduate Master Reinventing Energy Renewables, Decentralization, Efficiency and Strong Sustainability (RIDEF 2.0)*. Lectures on Sustainable Urban Planning and Design of 2 hours (Fall Semester 2021, 2022, 2023).

**Università degli Studi di Milano Bicocca, UNIMIB**

*Postgraduate Master in Sustainable Development Jobs (SDJ)*. Teaching 23 hours of lectures on Sustainable Urban Planning and Design (Fall Semester 2019) (Fall Semesters 2020, 2021).

**Politecnico di Milano, METID**

*Higher Education for the Sustainable Development Goals (HE4SDGs)*. Polimi Open Knowledge MOOC (Spring 2019). Main Scientific Coordinator of the online course. Organized and supervised the content with Prof. Paletta UNIBO with the support of METID Polimi. Recorded three lectures.

**Politecnico di Milano, School of Architecture Urban Planning Construction Engineering**

*Energy, Climate and Urban Planning Studio*. MSc in Urban Planning and Policy Design (Fall Semesters, since 2020). Main instructor together with Prof. Barbara Piga and Nicola Colaninno. Ex cathedra lectures and supervision of students with design reviews. Prepared and supervised assignments and conducted exams.

**Politecnico di Milano, School of Architecture Urban Planning Construction Engineering**

*Energy and Urban Planning Studio*. MSc in Urban Planning and Policy Design (Fall Semesters, 2011-2019).

Main instructor together with Prof. Stefano Pareglio. Ex cathedra lectures and supervision of students with design reviews. Prepared and supervised assignments and conducted exams.

**Politecnico di Milano, School of Architecture Urban Planning Construction Engineering**

*Elementi di Progettazione dell'Ambiente*. Bachelor in Urban Planning (Spring Semesters, since 2017).

Main instructor together with Prof. Renato Casagrani. Ex cathedra lectures and supervision of students with exercises. Prepared and supervised assignments and conducted exams.

**Politecnico di Milano, Ph.D. School, ABC Dept., Architecture, Built Environment and Construction Engineering Ph.D. Programme**

*Digital mapping & Spatial Data Analysis*. Ph.D. seminal lecture series (Spring Semester 2020)

Instructor of six hours of lectures on digital mapping. Supervised assignments for participants.

**Politecnico di Milano, Ph.D. School, ABC Dept., Architecture, Built Environment and Construction Engineering Ph.D. Programme**

*Digital mapping & Spatial Data Analysis*. Ph.D. seminal lecture series (Fall Semester 2018)

Instructor of six hours of lectures on digital mapping. Supervised assignments for participants.

**Politecnico di Milano, Ph.D. School, Dastu, Urban Planning, Design and Policy Ph.D. Programme**

*Open Spaces Design*. Ph.D. seminal lecture series (Winter Semester 2017)

Main instructor together with Prof. Andrea Arcidiacono. Organized and coordinated the seminars with external guests. Prepared and supervised assignments for participants.

**Politecnico di Milano, School of Architecture Urban Planning Construction Engineering**

*Interpretazioni per il Progetto del Paesaggio e dell'Ambiente Course*. Bachelor in Urban Planning (Spring Semester 2016). Main instructor together with Prof. Paolo Bozzuto. Ex cathedra lectures and supervision of students with exercises. Prepared and supervised assignments and conducted exams.

**Politecnico di Milano, Faculty of Architecture and Society**

*Eco-Urban Design Studio*. MSc in Architecture (Fall Semester 2011) (Fall Semester 2010) (Spring Semester 2010). Adjunct professor. Main instructor Prof. Grazia Concilio. Ex cathedra lectures and supervision of students with design reviews. Prepared and supervised assignments and conducted exams.

**Politecnico di Milano, DiAP Dept., Ph.D. course in Territorial Design and Government**

Tutorship for Ph.D. candidates (Fall Semester 2010 – 2013). Ph.D. programme director Prof. Rossella Salerno. Supervision of Ph.D. candidates. Helped in organizing activities.

**Politecnico di Milano, Faculty of Architecture and Society**

*Eco-Urban Design Studio*. MSc in Architecture (Fall Semester 2010) (Spring Semester 2010) (Spring Semester 2009). Adjunct professor. Main instructor Prof. Lidia Diappi. Ex cathedra lectures and supervision of students with design reviews. Helped write assignments and exams.

**Politecnico di Milano, DiAP Dept., Ph.D. course in Territorial Design and Government**

Tutorship for Ph.D. candidates (Fall Semester 2009 – Spring Semester 2010). Ph.D. programme director Prof. Fausto Curti. Supervision of Ph.D. candidates. Helped in organizing activities.

**University of Strathclyde, Glasgow, Master in Urban Design**

*Urban Design Studio*. MSc in Urban Design (2009). Visiting tutor. Main instructor Prof. Ombretta Romice. Ex cathedra presentations and supervision of students with design reviews. Helped write assignments and exams.

**Politecnico di Milano, Faculty of Architecture and Society**

*Eco-Urban Design Studio* (Spring Semester 2009). Adjunct professor. Main instructor Prof. Sergio Porta. Ex cathedra lectures and supervision of students with design reviews. Helped write assignments and exams.

**Politecnico di Milano, Faculty of Architecture and Society**

*Eco-Urban Design Studio*. MSc in Architecture (Fall Semester 2007). Teaching Assistant. Main instructor Prof. Lidia Diappi. Presentations and supervision of students with design reviews. Helped write assignments.

**Politecnico di Milano, Faculty of Civil Architecture**

*Urban Design Studio*. Bachelor in Architecture (Fall Semester 2008 & Spring Semester 2009) (Fall Semester 2007 & Spring Semester 2008) (Fall Semester 2006 & Spring Semester 2007). Adjunct professor with Prof. Sergio Porta (main instructor). Ex cathedra lectures and supervision of students with design reviews. Helped write assignments and exams.

*Other Main Teaching Activities*

(2014-2019) Responsible person for the **Erasmus agreement with Lodz University of Technology**, Poland.

(2011, since) Responsible person for the **Erasmus agreement with University of Strathclyde**, UK.

(2010, since) **Principal supervisor of 115 Msc. theses** in Architecture, Urban Planning & Engineering at Polimi.

*Main Invited Lectures*

(2024, May) “Designing and planning cities for a new climate”, UNIPA, Palermo, IT | Invited lecture at the Ph.D. School.

(2023, November) “Research on Urban Greening: A contribution for Milan”, Drexel University, Philadelphia PA, **USA**, online | invited lecture.

(2023, July) “Co-creating NBS in urban regeneration processes: a theoretical introduction supported by urban living lab case studies”, Ph.D. course on “Co-designing future nature-based solutions through digital technology”, Politecnico di Torino, IT | invited lecture and collaborative activity.

(2023, June) “How to design and manage a sustainable campus: The experience of the Politecnico di Milano”, Seminar Les Entretiens de Sceaux #8, Session on “Campus durable! Être ou ne pas être”, Sceaux, **France**, online | invited presentation.

(2023, February) “Cooling Cities”, Energy Efficient Mortgages Initiative (EEMI) Trento Bauhaus Week, Trento, IT | invited Key-note speech.

(2022, October) “Research on Urban Greening: A contribution for Milan”, Drexel University, Philadelphia PA, **USA**, online | invited lecture.

(2022, September) “Design principles for a sustainable campus”, IDEA League Summer School, RWTH University Aachen, **Germany** | invited lecture and contributed to the workshop with reviews.

(2022, March) “Design principles for a sustainable campus”, Workshop on Resilience, sustainability and university campuses, UIC Barcelona, **Spain**, online | invited lecture.

(2021, October) “Research on Urban Greening: A contribution for Milan”, Drexel University, Philadelphia PA, **USA**, online | invited lecture.

(2021, August) “Design principles for a sustainable campus”, IDEA League Summer School, RWTH University Aachen, **Germany**, online | invited lecture.

(2021, July) “Beyond Smart Cities: connecting places, people and nature”, Build the Future Digital Talks Lecture Series, Politecnico di Milano, Milano, Italy | invited lecture.

(2021, May) “Making the Invisible Visible: Assessing the Sustainability of Urban Transformations”, SensItaliani Lecture Series by POLI.design and the Embassy of Italy in **Kuwait**, online | invited lecture.

(2020, February) “Introduzione alla valutazione della terza missione in università”, Scuola Peccei by UNIBA, RUS and ASviS, Bari, Italy | Invited lecture.

(2019, February) “Presentation of Labsimurb research lines”. University of Biskra, Biskra, **Algeria** | invited lecture.

(2018, November) “Sharing Cities Shaping Cities”, PhD seminar, University of Zagreb, Zagreb, **Croatia** | invited lecture.

(2017, October) “École thématique CNRS 2017: Visibility analysis dedicated to the understanding of urban morphology”, Saint-Paul-En-Jarez, **France** | Lecture.

(2015, October) Campus Living Lab Workshop, University of Zagreb, Zagreb, **Croatia** | invited lecture.

(2015, September) International Summer School on Sustainable University Campuses - Politoward, Politecnico di Torino, Torino, Italy | Key-note speech.

(2015, August) World Cities World Class WC2 University Network Symposium, City University London, London, **UK** | Invited Lecture and Teaching within the Sustainability Eco-campus club.

(2013, March) “Energy and the City: Urban Design and Planning Perspectives”, University of Princeton, Princeton, **USA** | invited speech.

(2012, December) “Energy and the City: Urban Design and Planning Perspectives”, University of Cambridge, Cambridge, **UK** | invited speech.

(2009, December) “A Vision of Sustainability: Building Technology, Communities and Design. An Italy-UK Workshop on Eco-Building”. London, **UK** | oral presentation with prof. Alessandro Balducci.

(2009, March) “Raster Cities research”. USI, Accademia dell’Architettura di Mendrisio, Mendriso, **Switzerland** | invited speech and workshop with students.

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## RESEARCH PRESENTATIONS

*28 Participations in International Conferences with communication or paper or poster:*

(2024, November) “Urban Transitions 2024” Conference, Elsevier, Sitges, **SP**. | 3 abstracts and oral presentations at the poster sessions.

(2024, July) “AESOP 2024”, Paris, FR | organizer and moderator of the roundtable “The Built Environment education and practice for climate resilience and action” with Ceren Sezer, RWTH Aachen.

(2023, September) “Nature in the City – CLEVER Cities”, Hamburg, DE | poster, poster session presentation, coordination and moderation of two roundtables on co-creation for NBS, with Israa Mahmoud.

(2023, September) “CISBAT 2023: The Built Environment in Transition”, Lausanne, CH | 3 posters, poster session presentation.

(2023, June) “Atlas of Hope Conference”, international seminar within the Climate Wunderkammer Collateral Event at La Biennale di Venezia, IUAV, Palazzo Badoer | invited speaker.

(2022, July) “4<sup>th</sup> SSPCR - Smart and Sustainable Planning for Cities and Regions Conference 2022”, Bolzano, IT | abstract and oral presentation.

(2019, December) “3<sup>rd</sup> SSPCR - Smart and Sustainable Planning for Cities and Regions 2019”, Bolzano, IT | full paper and oral presentation by I. Mahmoud.

(2019, September) “CISBAT 2019: Climate Resilient Cities - Energy Efficiency & Renewables in the Digital Era”, Lausanne, CH | full paper and oral presentation, poster and poster session presentation.

(2019, May) “ECCA 2019: European Conference on Climate Adaptation”, Lisbon, PT | poster presentation.

(2019, July) “AESOP 2019”, Venice, IT | oral presentation.

(2017, September) “EAEA 2017: Envisioning Architecture: Space, Time, Meaning”, Glasgow, UK | 1 full paper, oral presentations.

(2017, June) “ECCA 2017: European Conference on Climate Adaptation”, Glasgow, UK | oral presentation.

(2015, September) “EAEA 2015: Envisioning Architecture”, Lodz, Poland | 2 full papers, oral presentations.

(2015, September) “CISBAT 2015: Future Buildings and Districts - Sustainability from Nano to Urban Scale”, Lausanne, CH | full paper, oral presentation.

(2013, September) “EAEA 2013: Envisioning Architecture”, Milan, IT | full paper, oral presentation.

(2012, July) “AESOP 2012”, Ankara, TR | extended abstract, oral presentation.

(2011, September) “eCAADe 2011: Respecting Fragile Places”, Ljubljana, SI | full paper, oral presentation.

(2011, September) “EAEA 2011: Envisioning Architecture”, Delft, NL | full paper, oral presentation.

(2011, July) “PLEA 2011: The 27th Conference on Passive and Low Energy Architecture”, Louvain-la-Neuve, BE | full paper, oral presentation.

(2010, September) “eCAADe 2010: Future Cities”, Zurich, CH | full paper, oral presentation.

(2010, May) “AGILE 2010”, Guimarães, PT | short paper, poster session, participation by Desthieux G.

(2009, September) “CISBAT 2009: Renewables in a Changing Climate: From Nano to Urban Scale”, Lausanne, CH | short paper, poster session.

(2009, June) “PLEA 2009: The 26th Conference on Passive and Low Energy Architecture”, Quebec City, CA | full paper, oral presentation by Gori V.

(2009, June) “AGILE 2009”, Hannover, DE | full paper, oral presentation by Desthieux G.

(2008, November) “3D Geo-Info Conference 2008”, Seoul, KR | full paper and oral presentation.

(2007, July) “II ICA Workshop on Geospatial Analysis and Modeling: Spatial Structure and Dynamics of Urban Environments”, Athens, GA, US | oral presentation.

(2006, February) “Systemic approach and microscale urban complexity”, POLIMI, Milano, IT | oral presentation.

(2005, November) “PLEA 2005: The 22nd Conference on Passive and Low Energy Architecture”. Beirut, LB | full paper with oral presentation and short paper with poster.

*21 Participations to International Seminars and Research Workshops with oral presentation and/or paper:*

(2024, June) “From Heat Waves to Health Waves” Research Seminar, TU Delft, **NL** | oral presentation.

(2024, May) Kármán Conference “Sustainable Energy Transitions in the Built Environment”, RWTH E.ON Energy Research Institute, Aachen, **DE** | oral presentation.

(2022, July) “Sensing the City: Tracing Complex Urban Patterns and their Implications for Urban Governance” - AESOP Complexity Workshop, Tallinn, **EE** | abstract and oral presentation by Farah Makki.

(2018, June) “ISCN-GULF Conference 2018: Sustainable Development: Acting with Purpose”, KTH, Stockholm, **SE**.

(2017, September) “EAEA 2017: Envisioning Architecture: Space, Time, Meaning”, Glasgow, **UK** | full paper, oral presentation.

(2017, June) “ECCA 2017: European Climate Change Adaptation Conference”, Glasgow, **UK** | oral presentation.

(2017, June) “ISCN-GULF Conference 2017: Climate. City. Campus.”, UBC, Vancouver, **CA** | Co-chair of WG2.

(2016, November), “International Symposium on the Creation of Sustainable Campuses 2016”, Hokkaido University, Sapporo, **JP** | Key-note speech and participation to workshop.

(2016, June) “ISCN-GULF Conference 2016: Leadership for a Sustainable Future”, Università di Siena, IT | Co-chair of WG2.

(2015, June) “ISCN-GULF Conference 2015: “Expanding the Dialogue: Sustainability in a Connected World”, HKU, **HK** | Co-chair of WG2.

(2014, June) “ISCN-GULF Conference 2014: “Pushing Boundaries”, MIT-Harvard, Cambridge MA, **US** | Co-chair of WG2 and speech.

(2013, November) “Green Project Festival”, Moscow, **RU** | invited speech.

(2013, November) “Seminário Internacional Brasil/Itália de Desempenho do Ambiente Construído”, Barão de Mauá, Centro Universitario Ribeirao Preto, SP, **BR** | invited speech.

(2013, June) “ISCN-GULF Conference 2013: The Future is Now”, NUS Singapore, **SG**. Participation | invited speech.

(2013, June) “Simulation of ambient environment and urban design”, Joint seminar CERMA – Laboratorio di Simulazione Urbana Fausto Curti, Nantes, **FR** | invited speech.

(2012, June) “ISCN-GULF Conference 2012: Power of Partnership”, Eugene OR, **US**. Participation | invited speech.

(2011, June) “ISCN-GULF Conference 2011. Pathways to Progress: Demonstrating Campus Sustainability”, Gothenburg, **SE** | poster presentation with B. Piga.

(2009, November) “Workshop EFONET-PACT: Impacts on energy and environment of mobility in low carbon cities”, Paris, **FR** | round table discussion.

(2009, May) “Città Solari II”. POLIMI, Milano, IT | oral presentation.

(2009, March) “Raster Cities research”. EPFL, ENAC INTER LASIG, Lausanne, **CH** | invited speech.

(2008, September) Presentation at Pecha Kucha Night Boston Volume #5, Boston, **US** | invited speech to present Senseable City Lab research.

*18 Participations to relevant National Conferences, Seminars and Workshops with oral presentation and/or paper:*

- (2024, September) "XLV Conferenza scientifica annuale dell' AISRe: Città e regioni nell'era digitale. La sfida della transizione verso l'economia circolare", UNITO, Turin | co-chair of a session on "Aree produttive in transizione: nuove sfide per la pianificazione e nuovi modelli di governance multi attoriale".
- (2024, June) "Capitale naturale e aree protette: Verso la Strategia Nazionale per la Biodiversità 2030", Università La Sapienza, Roma | invited oral presentation.
- (2024, June) "XXVI Conferenza SIU 2024: Nuove ecologie territoriali", UNINA, Napoli | four full papers and four oral presentations.
- (2023, January) "Seminario di alta formazione per i funzionari della Regione Friuli Venezia Giulia nell'ambito della revisione del PGT Piano di Governo del Territorio" | invited oral presentation.
- (2022, October) "UrbanPromo Green", Torino | presentation.
- (2022, June) "XXIV Conferenza SIU 2022: Dare valore ai valori in urbanistica", UNIBS, Brescia | three full papers and three oral presentations.
- (2019, November) "UrbanPromo Green", Torino | presentation.
- (2019, September) "UrbanPromo Green", IUAV, Venezia | presentation.
- (2018, December) "Giornata di Studio INU", Università Federico II, Napoli | presentation of four papers.
- (2018, September) "UrbanPromo Green", IUAV, Venezia | presentation.
- (2017, September) "UrbanPromo Green", IUAV, Venezia | presentation.
- (2012, May) "The challenges of Sustainable Urbanism: a research perspective" | oral presentation at the conference "Next Generation Sustainable Cities", Università Commerciale Luigi Bocconi, Milano.
- (2012, March) "Energy efficiency and urban design, a challenge" | invited lecture at Università Cattolica del Sacro Cuore, ALTIS, MBA in Global Business and Sustainability.
- (2009, July) "Simulazione Urbana e Ambientale". POLIMI, Milano, Italy | oral presentation.
- (2008, January) "SunScapes: Design strategies and tools". Domus Academy, Milano, Italy | invited lecture.
- (2007, November) "Città Solari / Città Sostenibili". POLIMI, Milano, Italy | oral presentation.
- (2007, June) "Laboratorio di Simulazione Urbana: work in progress". POLIMI, Milano, Italy | oral presentation with Rossella Salerno and Daniele Villa.
- (2006, December) "Verso la qualità ambientale in Architettura", POLIMI, Milano, Italy | oral presentation.

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## **SIGNIFICANT PUBLICATIONS**

- Makki F., Morello E., 2026, "City-sense (In): A knowledge governance framework for place-based, informed transition toward healthy urban air", in *Cities*, 170, 106631.
- 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", in *Sustainable Cities and Society*, 124, 106181.
- De Toni A., Morello E., 2025, "Sustainable Regeneration of Industrial Areas through Enterprise Engagement in Collaborative Design", in *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", in *Urban Climate*, 46, pp. 1-32.
- Mahmoud I., Morello E., Lemes de Oliveira F., Geneletti D. (eds.), 2022, *Nature-based Solutions for Sustainable Urban Planning: Greening Cities, Shaping Cities*, Contemporary Urban Design Thinking Series, Springer International Publishing, Switzerland.
- 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 Bisello A., Vettorato D., Ludlow D., Baranzelli C. (eds.), *Smart and Sustainable Planning for Cities and Regions*, Springer – Green Energy and Technology Series, pp. 259 - 276.
- Ferla G., Caputo P., Colaninno N., Morello E., 2020, "Urban greenery management and energy planning: a GIS-based potential evaluation of pruning by-products for energy application for the city of Milan", in *Renewable Energy*, 160, pp. 185-195.
- Salvia G., Morello E., 2020, "Sharing cities and citizens sharing: Perceptions and practices in Milan", in *Cities*.
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- Colaninno N., Morello E., 2019, "Modelling the impact of green solutions upon the urban heat island phenomenon by means of satellite data", *Journal of Physics: Conference Series (JPCS)*.
- Desthieux G., Carneiro C., Camponovo R., Ineichen P., Morello E., Boulmier A., Abdennadher N., Dervev S. and Ellert C., 2018, "Solar Energy Potential Assessment on Rooftops and Facades in Large Built Environments Based on LiDAR Data, Image Processing, and Cloud Computing. Methodological Background, Application, and Validation in Geneva (Solar Cadaster)", in *Frontiers in Built Environment*, 4:14.
- Morello E., Ratti C., 2012, "From evaluation to design of the urban form through the assessment of environmental indicators", in Haas T. (editor), *Sustainable Urbanism and Beyond*, Rizzoli International, New York, pp. 117-119.
- Carneiro C., Morello E., Voegtle T., Golay F., 2010, "Digital urban morphometrics: Automatic extraction and assessment of morphological properties of buildings", in *Transactions in GIS*, 14:4, pp. 497-531.
- Carneiro C., Morello E., Desthieux G., 2009, "Assessment of solar irradiance on the urban fabric for the production of renewable energy using LIDAR data and image processing techniques", in Sester M., Bernard L., Paelke V. (eds.), *Advances in GIScience*, Lecture Notes in Geoinformation and Cartography, Springer.
- Morello E., Ratti C., 2009, "A Digital Image of the City: 3-D isovists in Lynch's Urban Analysis", *Environment and Planning B: Planning and Design*, 36, 837-853.
- Morello E., Ratti C., 2009, "SunScapes: 'solar envelopes' and the analysis of urban DEMs", *Computers, Environment and Urban Systems*, 33, 26-34.

## LEADERSHIP ACTIVITIES

### *Institutional appointments*

- (2025, since) **Responsible Person for the Polimi Climate Adaptation Plan**, Politecnico di Milano
- (2025 - 2027) **Chair of the Doctoral Programme in Urban Planning, Design and Policy**, Dastu, Politecnico di Milano
- (2024, since) **Responsible Person for Polimi Dastu for the NbS Italy Hub**, funded under the EU Project 'NetworkNature' and led by CNR, and Member of the Steering Committee.
- (2021 - 2022) **Scientific Vice-Director of LaborA**, the physical and virtual modeling laboratory at Politecnico di Milano, School of Architecture. Responsible for the scientific coordination of the experiential simulation infrastructure and virtual theater.
- (2020, since) **Scientific coordinator of the "Climate Change, Risk and Resilience Lab"** at Dastu, POLIMI. Responsible for the scientific coordination of research directions and activities.
- (2017 - 2022) **Rector's Delegate for Environmental Sustainability**, Polimi.
- Responsible for the redesign of the strategic vision of environmental sustainability at Polimi
  - Coordinating the activities of the inter-university project "Città Studi Campus Sostenibile" with Unimi
  - Supporting and promoting the Sustainable Development Goals at university: responsible person for the first SDGs-mapping survey at Polimi.
  - Scientific coordinator of the Polimi Open Knowledge MOOC on Higher Education for the SDGs (2018/19).
  - Responsible for the sustainability reporting of the university.
- (2010, since) **Scientific coordinator of the "Laboratorio di Simulazione Urbana Fausto Curti"** at Dastu, POLIMI. Responsible for the environmental simulation research, and the management of research funds.

### *Academic appointments to evaluation boards*

- (2023, since) **Member of the Scientific Committee of the Postgraduate Master in Sport Design and Management**, Politecnico di Milano, ABC Dept and GSOM.
- (2023-2025) Scientific co-supervisor of **Systems and Engineering Science Doctorate (SEED) MSCA COFUND** programme, coordinated by **LUT University**, Lappeenranta, FI. Research theme: Urban socio-digital innovations for better air quality. Role: helped writing the proposal, recruitment and supervision of one doctoral student.
- (2015, since) **Member of the board of the Ph.D. Programme on 'Urban Planning, Design and Policy'**, Polimi.
- (2015, since) Supervisor of six Ph.D. candidates, namely (from the most recent): Asef Ayatollahi, Chenling Wu, Doruntina Zendeli, Anna Giulia Castaldo, Gabriela Fernandez, Aldo Treville.

- (2022, 2023, winter) Organization with C. Pacchi of the Ph.D. course “Introduction to Research Methods”.
- (2017, winter) Organization with A. Arcidiacono of the Ph.D. seminal lecture series “Open Spaces Design”.

(2018, since) **Member of the examining commissions for the position of assistant professorships:** (2022) Università di Trento, (2022) Politecnico di Milano – President, (2021) Università Iuav di Venezia, (2021) Politecnico di Milano – President, (2018) Iuav.

(2014, since) **Member of doctoral final exam commissions**, 10 Ph.D. theses evaluated: (2023) Politecnico di Torino, (2022) Università Federico II di Napoli, (2022) Università di Trento, (2014) University of Strathclyde.

*Invited expert to scientific committees and working groups*

(2024, since) **Member of the Technical Scientific Committee of the Air Climate Plan of Milan**, appointed by the City of Milan, Milan, IT.

(2024, since) **Responsible Person for Dastu for the Network Nature Nature-based Solutions (Nbs) Italy Hub and Member of the Steering Committee.**

- (2025) Co-organizer with the Metropolitan City of Milan of the III NBS Italy Hub Annual Meeting in Milan.
- Attended the Annual Meetings in Rome (2023), Palermo (2024).

(2022) **Scientific Committee of the 4<sup>th</sup> SSPCR Conference** in Bolzano, Italy.

(2021, since) **Expert in the Technical Working Group for revising the National Plan for Adaptation to Climate Change**, appointed by the Italian Ministry of Ecological Transition.

(2020) **Expert in the NBS Task Force 2** as part of the NETWORK NATURE EC funded project; contributed to the scientific debate and reporting of a chapter in the EC Report “Evaluating the impact of nature-based solutions”.

(2019) **Expert in the Working Group Societal Engagement and the EU Post-2020 Biodiversity Strategy** as part of the EKLIPSE EC funded project; contributed to the scientific debate and organized an engagement event.

(2019, since) **Member of the Scientific Committee of Poliedra, consortium at the Politecnico di Milano**

(2018, since) **Expert on REPRISE** (Register of Expert Peer-Reviewers for Italian Scientific Evaluation, MIUR)

(2016-2018) **Member of the International Sustainable Campus Network (ISCN) Advisory Board**

(2014-2016) **Co-chair of the International Sustainable Campus Network (ISCN) Working Group 2** on ‘Campus wide planning and target setting’. Organized WG2 activities at the ISCN symposia 2014, 2015, 2016, 2017.

(2011-2017) **Member of the board of the POLIMI and UNIMI project “Città Studi Campus Sostenibile”.**

Responsible for the following main tasks:

- Reference person for the relationship with the International Sustainable Campus Network (ISCN). Main author of the POLIMI ISCN annual reports since 2011. Participated to the annual symposia since 2011.
- Coordinator of the thematic “Table Environment”, which promotes environmental activities and projects on campus, and involves about 70 participants (professors, researchers and students).
- Organized events and exhibitions of the project (“Giornate della Sostenibilità: Focus Ambiente” in 2013, “Mostra Tesi per un Campus Sostenibile” at POLIMI in 2012 and 2013, at “MADE Expo” in 2011).

*Organization of conferences and seminars – a selection*

(2024, May 13) II National Event for the presentation of the EU Mission “A Soil Deal for Europe” | Scientific coordination with TRUST-IT and organizational committee of the event.

(2023, October) “Climate Action at Universities”, international seminar within the Climate Wunderkammer Collateral Event at La Biennale di Venezia, IUAV | Scientific co-coordinator and co-organizer of the event.

(2023) Principal organizer of the “Festa dell’Aria 3”, as part of the Air-Break project, Ferrara, Italy.

(2023, June) “Atlas of Hope Conference”, international seminar within the Climate Wunderkammer Collateral Event at La Biennale di Venezia, IUAV, Palazzo Badoer | Scientific co-coordinator and co-organizer of the event.

(2023, March 15) Seminar hosted by Politecnico di Milano, Milano IT “Strategie e strumenti per la rigenerazione sostenibile e adattiva delle aree produttive” | Organised and co-chaired the seminar

(2023, March 10) National Event for the presentation of the EU Mission “A Soil Deal for Europe” | Scientific coordination with TRUST-IT and organizational committee of the event.

(2022, October) Principal organizer of the “Festa dell’Aria 2”, as part of the Air-Break project, Ferrara, Italy.

(2022, July) SSPCR 2022, hosted by EURAC, Bolzano IT | Organised and co-chaired The Special Session for Track 3 titled “Augmented NBS for Cities”

(2022, October) EURA 2022, hosted by Politecnico di Milano, Milano IT | Organised and co-chaired the Track 6 titled “Sustainability as a challenge, within an integrated perspective”

(2021) Principal organizer of the “Festa dell’Aria 1”, as part of the Air-Break project, Ferrara, Italy.

(2020) Chair and Organization with I. Mahmoud of the International Research Symposium “Greening Cities Shaping Cities”, October 12-13 2020, Politecnico di Milano, Milan, Italy.

(2018) Chair and Organization with G. Salvia and A. Arcidiacono of the International Research Symposium “Sharing Cities Shaping Cities”, March 5-6 2018, Politecnico di Milano, Milan, Italy.

(2017) Organization with B. Piga and the Ambiances Network of the Research Seminar and Workshop “Translation in professional terms: in quest of and the Ambiances Network modus operandi” as part of the Groupement de Recherche International (GDRI) funding programme, June 12-14, Politecnico di Milano, Milan, Italy.

(2017) Organization with B. Piga and the Ambiances Network of the “Mobiance 3” Workshop and Research Seminar, February 27 – March 3, with 20 international students in urban planning, architecture and engineering, Politecnico di Milano, Milan, Italy.

(2015) Organization with B. Piga of the Research Seminar and Workshop “Quality and quantity of visual perception: recent ICT improvements for tridimensional visibility analysis”, November 23-24 2015, Politecnico di Milano, Milan, Italy.

(2014) Organization with B. Piga of the Research Seminar and Workshop “Computational Design and Research: current research at Aedas R&D”, within the 'Architectural and Urban Simulation' course, Politecnico di Milano, Milan, Italy.

(2013) Organization with B. Piga of the International Conference “EAEA11 2013. Envisioning Architecture: Design, Evaluation, Communication”, September 25-28 2013, Politecnico di Milano, Milan, Italy.

(2013) Organization with P.L. Paolillo and C.U. Comi of the Seminar “Urban Utilities: Il trattamento del dato al servizio del luogo” at DASTU, Politecnico di Milano, Milan, Italy.

(2011) Organization with S. Pareglio of the seminar "Città e cambiamento climatico: l'azione locale", Politecnico di Milano, Milan, Italy.

(2010) Organization with A. Arcidiacono, B. Piga and V. Signorelli of the seminar "Exploring Urban Change through Visual and Environmental Simulation", Politecnico di Milano, Milan, Italy.

#### *Memberships to boards, associations and journals*

(2024, since) Member of the NBS Italy Hub – Steering Committee – to represent Dastu.

(2015-2024) Member of the Editorial Board of the Journal “Territorio” published by Franco Angeli.

(2015) Guest editor of the International Journal of Sensory Environment, Architecture and Urban Space.

(2012, since) Labsimurb Member of International Ambiances Network.

(2010, since) Member of the Editorial board of the “International Journal of Sustainable Society”, Inderscience.

(2010, since) Labsimurb member and board member of the European Architectural Envisioning Association.

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#### **CURATORSHIP AND PARTICIPATION TO EXHIBITIONS**

(2023) “X-Cities Extended Cities tra ambienti virtuali e fisici”, Mostra di cultura politecnica, Politecnico di Milano, Milano, Italy. Curator with C. Bolognesi and P.L. Lanzi.

(2023) “Climate Wunderkammer”, invited Collateral Event of the XVIII Biennale di Venezia, Venice, Italy. Video web installation and cycle of seminars. Curator with C. Reicher, C. Sezer, F. Musco.

(2019) “The Air between Buildings” 4 Elements Taking Care, Broken Nature, XXII Triennale di Milano.

(2009) “Trash Track” – A SENSEable City Laboratory, video web installation at the Situated Technologies exhibition organized by the Architectural League of New York, USA. Participation in the project team as project leader and contribution to concept design.

(2005, October–2006, January) “mobile landscape | graz in real time” – A SENSEable City Laboratory video web installation at the M-City exhibition, Kunsthaus Graz, Austria. Participation in the project team for concept design and graphic design.

(2003, October) “Pole Europe Project 2k’2+2k’3”, Faculty of Architecture and Society, Politecnico di Milano, Milano, Italy. Organization and installation of the exhibition.

(2002, July) – “Pole Europe 2k’2”, FHA, Windisch, Switzerland. Exhibition of the final work.

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## PROFESSIONAL EXPERIENCE

### *Consultancy in environmental urban design:*

- (2023) **UEFA EURO 2032 Bid** – Italian Candidature to host EURO 2032, Client: FIGC; consultancy by POLIMI (scientific coordination by Emilio Faroldi). Role: Responsible for the Sustainability Chapter, environmental sustainability concept and governance, definition of strategies, measures and KPIs for the tournament.
- (2023) **Reinventing Cities Milan - design contest 3**, Phase 1, “Altopiano”, Design: Stefano Boeri Architetti. Role: Sustainability consultancy for climate planning and design for human comfort in outdoor spaces.
- (2020) **Reinventing Cities Milan - design contest 2, Winning project**, 1st prize “Loreto Open Community (LOC)”, Design: Arcadis Italia, Metrogramma, Studio Andrea Caputo, MIC – Mobility In Chain, LAND, Temporiuso, Squadrati, IGPDecaux, Siemens, Helexia Italia, Alchemia, Renovatio Design. Role: Sustainability consultancy for localizing SDG in the masterplan.
- (2020) SOAS University of London. Writing of the teaching unit “Energy and the City: Resources and Transition Challenges” for the distance learning course named ‘Urban Sustainability’.
- (2019) **Reinventing Cities Milan - design contest 1, Winning project**, 1st prize “VITAE”, Design: Carlo Ratti Associati. Role: Consultant with B.E.A. Piga for co-creation and participation through immersive experience and simulation.
- (2018-2019) **Grand Plan Genève**. Selected team for by the Canton Genève for proposing the vision of the city in 2030. Project Leader: Stefano Boeri Architetti. Role: Climate planning consultancy.
- (2018-2019) **Scalo Farini and San Cristoforo**, Milan, urban design competition. Selected team by FS, FS Sistemi Urbani and RFI. Project Leader: Baukuh. Role: Climate planning consultancy.
- (2011) **State of Geneva Solar Cadaster**. Role: principal investigator together with LASIG EPFL and HEPIA HES-SO. Development of tools for the assessment of solar irradiation at the regional scale.
- (2010) **King Abdullah City for Atomic and Renewable Energy**, Saudi Arabia. Invited urban design competition. Project leader: Carlo Ratti Associati, Torino and Boston. Role: team member responsible for the environmental simulation and algorithmic design for the site layout planning of the new city.
- (2007) “Riqualficazione del centro storico di **Castelfranco Emilia**”, Urban design competition. **Winning project**, 1st prize. Design: C.A.I.R.E. Reggio Emilia, Italy. Role: urban environmental quality consultant with Sergio Porta.

### *Independent Architectural Projects:*

- (2004-2011) residential interior design projects in Italy: 2012, Verona, Piazza Simoni (interior design and construction). 2011, Milano, via Lomellina (roof renovation and interior design). 2007, Milano, Viale Romagna (interior design and construction). 2006, Verona, Piazza Simoni (interior design and construction). 2006, Milano, Via Orti (interior design). 2004, Milano, Via S.G. sul Muro (interior design). 2004, Modica RG, Clubhouse Cava d’Ispica, (interior design and construction).
- (2003) Albergo diffuso a Modica, historical preservation, planning and interior design with N. Sciveres, G. Trabacchi - role: architect.

### *Architectural Design Competitions:*

- (2004) “la casa del futuro – per una nuova qualità dell’abitare”, sponsored by ANCE and by “L’industria delle costruzioni” magazine. 15 young architecture studios invited, Collaboration with studio Ghigos. Project exposed at the Urban Center, Milano.
- (2003) “Was kommt aufs Dach?”, Project “AvantGarden”, 4th place, with S. Bergamaschi, D. Crippa, B. Di Prete, A. Fancelli, P. Gelosa, E. Naboni (published in Garten+Landschaft n. 10 2003, Munich, Germany).

### *Collaboration with Architecture and Urban Planning Office Metrogramma (January 2003 – April 2004):*

- (2004) Architectural Competition “La Nuova Sede della Regione Lombardia”, 3rd prize, Metrogramma with FOA, L. Molinari, A. Scandurra.
- (2003) Architectural Competition “PescarAmare”, Project: Archipelago Pescara, 1st prize, (published in Area 69).
- (2003) Casa di Cura Solatrix II RSA, Rovereto (TN), Italy - role: architect in the design team.
- (2003) Gruber Center, Bolzano (BZ), Italy - role: architect in the design team.
- (2003) Collaboration at the research project “Superinfrastrutture: insediamenti produttivi ad alta densità”.

## OTHER SKILLS

(2003, since) EU licensed architect; Registration: Member n. 987 of "Ordine degli Architetti della Provincia di Bolzano".

Languages: Italian (native), English (very good), German (very good).

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## REFERENCES

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 *Eugenia D'Amico* Milano, 17 02 2026

**FUNDING ACQUISITION SINCE 2016**

<b>TITLE OF THE PROJECT (Identification Code)</b>	<b>FUNDING PROGRAMME</b>	<b>DURATION (start - end dates)</b>	<b>DURATION IN MONTHS</b>	<b>ACQUIRED FUNDS ON COMPETITIVE CALLS SINCE 2016 [€]</b>	<b>TOTAL ACQUIRED FUNDS SINCE 2016 [€]</b>
<b>URSOILL</b>	Horizon Europe	2025-2029	54	€434,250.00	€434,250.00
<b>Piano di Adattamento Polimi</b>	Progetto di Ateneo	2025-2026	12		€30,000.00
<b>F.AIR (Rif. 2024-0671)</b>	Progetto Cariplo	2025-2026	12	€72,654.75	€72,654.75
<b>ProdAction</b>	Progetto CRAFT	202-2025	12	€11,945.04	€11,945.04
<b>GOCCIA</b>	ERDF European Urban Initiative	2024 - 2028	42	€106,000.00	€106,000.00
<b>Promozione Città Spugna</b>	Città metropolitana di Milano	2024-2026	18	€41,134.00	€41,134.00
<b>Tutoraggio Strategia per la Transizione Climatica</b>	Fondazione Cariplo	2024	6	€19,600.00	€19,600.00
<b>Pro-GREEN-LABS</b>	Horizon Europe - Erasmus+	2024 - 2027	36	€91,473.00	€91,473.00
<b>NATI00NS</b>	Horizon Europe	2022 - 2024	24	€158,537.50	€158,537.50
<b>Piccolo Teatro di Milano</b>	Subcontractor of Piccolo for STAGES Creative EU	2022 - 2025	48		€30,000.00
<b>AP+A Comune di Pero</b>	Comune di Pero	2022	12		€25,000.00
<b>AIR BREAK UIA 5</b>	EU UIA 5	2020 - 2023	36	€248,920.00	€248,920.00
<b>AP+A: Aree Produttive, Aree Pro-Adattive</b>	MATTM Bando SNSvS 2	2020 - 2021	18	€150,000.00	€150,000.00
<b>ASAP!: Acqua Sostenibile al Politecnico (Rif. 2019-4008)</b>	Progetto Cariplo	2020 - 2022	24	€22,833.33	€22,833.33
<b>Sostenibilità al Politecnico di Milano</b>	Progetto di Ateneo	2019 - 2020	12		€25,000.00
<b>Verso Paesaggi a prova di clima (Rif. 2018-2411)</b>	Progetto Cariplo	2019 - 2020	18	€36,860.00	€36,860.00
<b>ForestaMI</b>	Finanziamento da fondi privati di Fondazione Falck, Sistemi Urbani	2018 - 2020	24		€25,000.00
<b>CLEVER Cities (GA Nr. 776604)</b>	EU H2020	2018 - 2022	66	€196,312.50	€196,312.50

<b>EnerPOP</b>	Polisocial Award Politecnico di Milano	2018 – 2020	18	€35,000.00	€35,000.00
<b>Sharing Cities (GA Nr. 691895 - SHAR-LLM)</b>	EU H2020	2016 – 2021	66	€168,705.00	€168,705.00
<b>Cambiamenti Climatici e Territorio (Rif. 2017-0429)</b>	Progetto Cariplo	2017 – 2018		€40,000.00	€40,000.00
				€1,834,225.12	<b>€1,969,225.12</b>
				<b>FUNDING OBTAINED THROUGH COMPETITIVE CALLS SINCE 2016 [€]</b>	<b>TOTAL FUNDING OBTAINED SINCE 2016 [€]</b>
<b>Share of competitive funding in total funds:</b>				<b>93.14%</b>	