



POLITECNICO
MILANO 1863

DIPARTIMENTO DI ARCHITETTURA
E STUDI URBANI

PhD Programme in

Urban Planning Design and Policy

39th Cycle

5 Thematic Scholarships funded with resources of the
National Recovery and Resilience Plan (PNRR)

OPEN CALL | Deadline: 29th June 2023

DAStU - Politecnico di Milano

PhD programme in Urban Planning, Design and Policy

Additional call for applications 2023 now open!

The PhD programme in **Urban Planning, Design and Policy** grants **five PhD positions** funded with resources of the National Recovery and Resilience Plan (PNRR) to start in September or November 2023.

- ▶ **All positions** are fully funded with scholarships and other benefits.
- ▶ **All positions** are based on predefined research topics as follows:

- 1. Cultural heritage and landscape education in the European perspective: new methodologies and digital technologies for accessibility and participation**
Supervisors: Prof. Rossella Salerno (rossella.salerno@polimi.it) and Prof. Camilla Casonato (camilla.casonato@polimi.it).
- 2. Exploring innovative last-mile and city logistics solutions to reduce emissions and improve citizens' quality of life**
Supervisor: Prof. Ilaria Mariotti (ilaria.mariotti@polimi.it)
- 3. New methods of analysis and representation of transnational projects in heritage-rich areas**
Supervisor: Prof. Davide Ponzini (davide.ponzini@polimi.it)
- 4. Productive territories and metropolitan areas: spatial patterns, economic change, and policy tools**
Supervisor: Prof. Simonetta Armondi (simonetta.armondi@polimi.it)
- 5. The impact of new digital technologies on urban spaces: privacy issues in an ethical and policy perspective**
Supervisors: Prof. Stefano Moroni (stefano.moroni@polimi.it) and Prof. Viola Schiaffonati (viola.schiaffonati@polimi.it)

How to Apply

The official call for applications, along with procedures and requirements, is available on: <https://www.dottorato.polimi.it/en/prospective-phd-candidates/calls-and-regulations/39-cycle/1st-additional-call-2023-24>

▶ **Deadline: 29th June 2023**

▶ **For administrative inquiries, contact:**

Mrs. Marina Bonaventura (marina.bonaventura@polimi.it)

▶ **Information about the PhD programme in Urban Planning, Design and Policy is available on:** www.dottorato.polimi.it/en/phd-programmes/architecture/urban-planning-design-and-policy

Productive territories and metropolitan areas: spatial patterns, economic change, and policy tools

Motivation and objectives of the research

From the background of the DASTU research focused on operational geographies in Northern Italy (www.operationalgeographies.polimi.it), this research proposal will investigate productive territories, mainly manufacturing and logistics sectors in Milan Metropolitan City and the major European urban regions undergoing paradigmatic restructuring dynamics of their economies, resulting in very different processes: growth, ageing, decline, fragilisation, and experimentation. These processes have several spatial, social, economic, and ecological consequences representing a challenge for researchers and policymakers which have yet to be studied.

The de-industrialisation phenomena in Global North countries were particularly evident in both urban areas and metropolitan territories as side effects of a structural shift towards a post-industrial, service-oriented, and knowledge-based economy. More recently the discourse on this topic changed because of the multifaceted response of industrial and logistics regions to the global crisis of 2007-08 and the vulnerability of global supply chains for goods and raw materials uncovered by the COVID-19 crisis and the Russian invasion of Ukraine. Consequently, industrial and logistics policy in metropolitan territories and urban regions is broadly debated, even if in a sectoral approach and needs more spatial analysis, based on the view that its characteristics render it particularly important on the growth path, enabling the environmental, and socio-economic transformation European countries have embarked upon, with the

new National Recovery Plans.

The research aims to provide evidence-based knowledge regarding the different current spatialities of production sectors in Milan; the main actors (policymakers, industry stakeholders, etc.) and policies of the current spatial and economic change processes in manufacturing and logistics in European urban regions; the manifold consequences of the previous aspects in Milan metropolitan city and other European urban regions; the current and future relationship between the metropolitan city institution, municipalities, and productive territories.

Through this study, the candidate applying mixed-research methods (i.e. quantitative analysis of statistical data, and qualitative analysis of plans, policies, case studies) will develop analytical and interpretative tools and research/planning/policy methodologies to further advance urban and metropolitan policy tools and governance, focusing on understanding and integrating the productive territories issues in the planning and policy-making of the metropolitan cities.

The Candidate will do an 18-month internship at the Città Metropolitana di Milano (Direzione Pianificazione territoriale generale e Rigenerazione urbana) and spend six months at the Université Gustave Eiffel in Paris (Laboratoire Ville Mobilité Transport).

Good command of the Italian language is recommended for the specific nature of the applied research.

For further information:

Supervisor of the PhD Research:
Prof. Simonetta Armondi, DASTU, Politecnico di Milano.
E-mail: simonetta.armondi@polimi.it

Partnership:

Città Metropolitana di Milano - www.cittametropolitana.mi.it

Starting date: 12th September 2023

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