



Politecnico di Milano
Department of Architecture and Urban Studies (DAStU)

PhD Programme in Urban Planning, Design and Policy (UPDP) **Handbook a.y. 2018/2019**

Contents

Welcome from the Head of Department

Departmental Officers

Departmental Administration

General housekeeping information

The DAStU Library

PhD Programme Outline

Calendar highlights

PhD Board profiles

Advisory Board

Research areas

Teaching activities

The PhD Thesis

Tutor and Supervisor

Final examination

Current PhD thesis

Welcome from the Head of Department

A warm welcome to the Department of Architecture and Urban Studies for the opening of the academic year. We hope that you will have a stimulating and challenging time in Milano.

This handbook contains details of the administrative arrangements in the Department for PhD students, including information on your PhD Programme. Do make full use of it as a guide throughout the year.

The 'Urban Planning, Design and Policy' PhD Programme takes advantage of the rich research environment of the Department in cooperation with two other PhD Programmes held at DASTU ('Architectural, Urban and Interior Design' and 'Preservation of Architectural Heritage').

DASTU is a structure of thematic and interdisciplinary research established in January 2013 at the Politecnico di Milano. The Department works in the field of architectural and urban projects, spatial planning and territorial governance, urban policy, conservation and intervention on heritage and natural environment, historical and critical interpretation of architecture, cities and territory. The Department carries out research and fieldwork on transformation, care and government of historical and contemporary settlements and landscapes, based on principles of environmental, social and economic sustainability.

DASTU is a Department of Excellence in recognition of the Italian Agency of Evaluation of Research and one of the most important research structures in Italy for town and country planning, embedded in a well-established international network of centres of excellence. It is opened to forms of cooperation with institutional and social actors at local, national and international level.

Thanks to its multidisciplinary approach the Department can provide expertise and projects to a plurality of clients and organizations, such as European, national, regional and local authorities, social and economic groups, research institutions.

PhD students are full members of our scientific community. My colleagues constantly work to support and stimulate young academics. Our laboratories, libraries, study rooms and electronic resources are available to carry out innovative research. Not least, Milano is an open-air laboratory to observe how challenging is the contemporary governance of a globally connected metropolitan area.

Do take advantage of all this. We hope that your time with us will not only benefit you intellectually, but will also develop your social responsibility as professionals, scholars and citizens.

Prof. Gabriele Pasqui
Head of Department

Departmental Officers

Head of Department

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General Housekeeping Information

Office hours

The PhD office is based at the DASTU Department, via Bonardi n. 3, first floor, Room number 7 and it is open on Monday-Wednesday-Friday from 9.30 till 12.30 and on Tuesday-Thursday from 2:00 to 4.30 p.m.

Keys

The DASTU offices are closed to the public and you can enter the spaces only with a magnetic member card for PhD students, which will be provided you by the Politecnico PhD secretariat after the enrolment.

PhD Desk Space

The DASTU Department provides a common space for the UPDP PhD students, located in via Bonardi n. 9, Building n. 14 "Nave", Floor -1, equipped with 13 Desks, 4 PC and a common printer.

Fire protection and safety

To access the Dastu offices it is compulsory to attend a basic course for preventing accidents and handling emergencies. The Basic Course on Safety is available on-line, by going to the online services section: <http://www.polimi.it/servizionline>, accessible from your own personal page. At the end of the course an attendance test with free download of the final certificate is available.

You should keep your final certificate and deliver a copy to dottorato.dastu@polimi.it as soon as possible, and in any case within November 30 2016.

The DASTU Library

The Department Library is articulated in 4 thematic sections: Architecture and Planning, rich of 4.500 items and of 100 journals, specialized in regional and town planning; a Fund dedicated to "Liliana Grassi", with 4.285 volumes on art history, landscape architecture and restoration; a specific section on history and preservation of architecture; a section on Urban Techniques.

The DASTU Library is located in the same building of the Central Library of Architecture, in the ground floor. The main entrance is from Via Ampère 2.

Availability

For each item, an indication of availability for a home loan or for consultation only is present in the OPAC – (Online Public Access Catalogue) of the Library through the video terminals of the Central Library of Architecture.

Opening hours

Access for consultation and study of texts at the DASTU Library Department is reserved **from 9.30 am to 4 pm** to the staff of the Department of Architecture and Urban Studies: Full and Associate Professors, researchers, teachers, fellows, doctoral candidates and graduate students, experts on the subject, visiting professors and technical and administrative staff of the DASTU.

Access for consultation and study is granted **from 4 pm to 8.30 pm** to all authorized users, including students.

Contact

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Websites

[Architecture & Urban Studies Department Library - DASTU](#)

[Central Architecture Library](#)

University Library Services

<http://www.biblio.polimi.it/it/home/>

PhD programme outline

The PhD Programme in Urban Planning, Design and Policy (UPDP) aims at exploring the significance and the impact of contemporary urban changes and at understanding the way they can be governed through planning, design and policy making activities.

The program pays specific attention to the transition towards new and more sustainable and equitable modes of urban development, as well as to pro-active advancements in planning practices and to potential innovations in traditional urban studies, urban design and policy approaches.

The integration between different fields and disciplines of urban research on the one hand, and between theory and practice on the other one, distinguishes the approach promoted by the PhD programme.

The objective of the UPDP Programme is to provide PhD students with analytical and interpretative tools together with research/planning/design methodologies to advance research in the field of urban studies, spatial planning, urban design, urban policy and governance.

By establishing a dialogue with the best European and International schools, this PhD program is the place for research and innovative approaches to urban studies, spatial planning and urban design. PhD Students are encouraged to reflect upon traditions and innovative experiences in these fields, to participate to research activities concerning cities and regions in Italy and abroad, paying particular attention to international comparison. This will be fostered through the organization of international seminars and through a period of internship to be carried out by the PhD Candidates at those research institutes, universities or public agencies, which constitute the international reference, network for the UPDP Programme.

On the basis of a multidisciplinary approach, the main objective of both the educational program and the individual research activities is to offer to PhD students a challenging environment, a space for international debate and research, experimentation and innovation. Within the PhD Programme the following research subjects are proposed by each Research Areas in which UPDP PhD Programme is structured:

Planning theory and practices

- Unchartered boundaries: reconciling administrative districts with everyday urban practices.
- Rethinking governance of environment and landscape resources in the inner areas: new cooperative paradigms beyond administrative fragmentation.
- Economic and social transformations and their impact on the physical space and on the institutions.
- Demographic change as a major challenge for policy design and urban planning.

Design topics, forms and tools

- Architects, Engineers, Planners: how do the changing urban conditions require to re-design research and professional profiles?
- Spatial mobilities in contemporary cities: practices, politics, projects. Understanding and managing the deep intertwining of urban mobility and socio-spatial transformations.
- Urban Form Resilience. Exploring the link between the spatial configuration of places and their ability to adapt and support societal and environmental changes.
- Land use and urban planning in areas affected by multiple hazards. Opportunities and constraints for planning as a relevant non structural mitigation strategy jointly with more traditional, including structural measures.

Urban Studies

- New structures of spatial and socio-economic inequalities and local welfare policies: social justice, social cohesion, redistribution, promotion of well-being, social investment, sustainability.
- Ageing in different urban contexts, between autonomy and support: issues in housing, care, mobility and social relations.

- Changes in migrations and the cities: policies, practices, places of hospitality, integration, inclusion.

The PhD Programme in Urban Planning, Design and Policy welcomes both foreign and Italian students. English is the official language of the programme.

Professional opportunities and the job market

According to its international orientation, the UPDP Program intends to train highly qualified researchers and professionals and expects them to work, in the following fields: spatial planning, design and management of urban projects and policy, urban studies and urban governance. PhD Doctors with such profile could be employed by Italian and International academic institutions, public bodies and research centres, public and private agencies.

Calendar Highlights

- **November 2018** | PhD Programme start date
- **October 2019** | First mile-stone: review of the contents and approach to the PhD thesis

PhD Board profiles

Paola Pucci, Ms. Arch. and PhD in Urban and Regional Planning (IUAV, 1994), is Full Professor in Urban Planning at the Politecnico di Milano. As visiting professor in some European universities, she taught as fellowship at Institut d'Urbanisme, Université Pierre Mendès Grenoble (2009-2010). She has taken part in Italian and international researches on infrastructure and mobility policies. The most important of them are related to the following fields: mobility practices in the contemporary city thought the use of traditional and mobile phone data; impacts of the modernization of infrastructures on urban structures; large infrastructure projects and management of conflicts. Regarding these subjects she has written books and numerous articles published in Italian and international reviews.
[Personal webpage on Polimi website](#) | [Personal webpage on Department website](#)

Andrea Arcidiacono PhD in Urban, Regional and Environmental Planning, Politecnico di Milano. Associate Professor in Planning, Department of Architecture and Urban Studies (DASU). He is member of the scientific committee of the Urban Simulation Lab. "Fausto Curti", of the Executive Council of the National Institute of Urban Planning, INU, and of the scientific board of the Land Take Research Centre, CRCS (Centro di Ricerca sui Consumi di Suolo). He is also member of the editorial board of the journal *Urbanistica*. Many of his research projects and publications focus on planning and urban design. Some of his particular interests include: morphological evaluation of urban plans and projects; analysis of negotiating processes in urban transformation; town planning tools; open spaces design; policies for the government and the control of land take. He has been consultant of Public Administrations and designer of town plans and detail plans. He is member of the Scientific and Technical Committee for the new (2012) Town Plan (PGT) of the City of Milan.
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Alessandro Balducci, architect and PhD in Planning, is Full Professor of Planning and Urban Policies. Former Head of the Department of Architecture and Planning (2001-2008), he has been President of AESOP, the Association of the European Schools of Planning (2001-2004), among the founding members of the European Urban Research Association (EURA) and Chair of the Italian Society of Planners (SIU), (2010-2014). As a scholar in the urban studies and planning he has been responsible of European and National research projects; as an academic planner he has been responsible for many projects among which the Strategic plan of the Province of Milan (2004-2008), and has been advisor for plans and urban projects in Italy and abroad (Shanghai, Dubai). He has been teaching at the Faculty of Architecture of Pescara (1992-1995), has been visiting scholar at U.C. Berkeley, USA, and visiting professor at the University of Reims, France, Tongji University China, Aalto University in Helsinki, Finland, MIT Cambridge, USA and at the Accademia di Architettura di Mendrisio, Switzerland.
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Bertrando Bonfantini, PhD, Full Professor in Urbanistica (Urban planning), since 2013 he is Chair of the Master Degree Program in Urban Planning & Policy Design, and of the Bachelor Degree Program in Urbanistica, Politecnico di Milano. He is Member of the Governing Board of the School of Architecture and Society, Politecnico di Milano. Member of the Scientific Editorial Board of the journal *Territorio* of the Department of Architecture and Urban Studies until 2013, he is now Deputy editor of the journal *Urbanistica* (Istituto Nazionale di Urbanistica). Among his books: *Piani urbanistici in Italia* (with P. Gabellini, G. Paoluzzi, 2007), *Milano incompiuta. Interpretazioni urbanistiche del mutamento* (ed., with M. Bolocan Goldstein, 2007), *Progetto urbanistico e città esistente* (2002).
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Massimo Bricocoli, MSc in Architecture (Politecnico di Milano) and PhD in Urban and Regional Planning (IUAV Venice), is Full professor at the Politecnico di Milano. His interests in theoretical and empirical research focus on four main domains, which have been developed in a comparative European perspective: a) Urban regeneration processes and housing policies in the context of the post industrial city, b) Emerging forms of urbanity, dwelling and inequalities c) Social change patterns at the urban level and the restructuring of local welfare policies, d) the development of a theoretical contribution to the development of urban research and to the innovation of teaching and research methods in urban studies. These themes have been a starting point for the development of several research projects. He is consultant for local governments and has published books and essays in Italy and abroad.
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Antonella Bruzese, PhD, architect and urban planner, is Associate Professor at the Politecnico di Milano. She works in the field of urban design and urban transformation strategies with the aim to investigate the processes of place

making. In particular, her interests are addressed to the relationships between the project of physical space, urban policies and other “side” practices as participatory, communication strategies, temporary or artistic interventions. Her recent researches focus on public space and the role of creative and cultural activities in the regeneration processes and urban changes. Her essays have been published in collective books and journals (*Territorio, Urbanistica, Abitare, Planum*). She edited with A. Balducci, R. Dorigati, L. Spinelli the exhibition and the book *Brasilia. A Utopia come true. 1960-2010* Triennale Electa Milano 2010 and is the author with L. Tamini of the forthcoming book *Servizi commerciali e produzioni creative. Sei itinerari nella Milano che cambia*. Besides, she carries design activities at different scales and is founding member of *gruppoA12*, a collective of architects with whom she worked on the relationship between architecture and contemporary art with projects presented in numerous biennials and exhibitions in Italy and abroad.

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Grazia Concilio is a Civil Engineer, PhD in Evaluation Methods for Sustainability, and Associate Professor at DASTU. Her research work has been mainly focused on the cognitive dimensions of planning, from decision making to action and is now focused on innovation processes in Urban Living Labs and urban smartness. She has taken part to several research projects and has been responsible for a CNR research program aiming at developing web based tools for natural parks planning; she has been responsible for the POLIMI Unit in the EU Project Peripheria (www.peripheria.eu) and is currently responsible for the POLIMI Unit in the EU Project MyNeighbourhood (www.my-n.eu).

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Valeria Fedeli, Architect, has been a researcher and Associate Professor at DASTU, Politecnico di Milano, since January 2007. She graduated as PhD in Planning and Public Policies, IUAV, Venice, Italy in 2001 and has been a post-doc research fellow at Maison des Sciences de l'Homme, Paris, France, in 2003. Her research activity concerns in particular: strategic planning, metropolitan governance, coordination systems and the emergence of new spatial actors; processes of regionalization of urban spaces and consequent rise of challenges in the field of public policies and territorial governance; EU spatial policies and urban policies; expert knowledge and tacit knowledge in urban policies and spatial planning. She is a national representative of Italy at the Committee of Representatives of AESOP - Association of European Schools of Planning; she is member of the Advisory Board of EURA, the European Urban Research Association.

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Bruno Dente is Full professor of Public Policy Analysis in the Department of Management Engineering, as well as member of the Board of Directors of the Politecnico di Milano. He is also scientific director of FUAP a foundation associating Politecnico di Milano with the Universities of Bologna, Padova and Pavia, devoted to the training of regional and local civil servants. His main scientific interests include the study of regional and local government, policy making, policy evaluation, administrative reform and governance. Recently he has published a textbook (*Le decisioni di policy*, Il Mulino, 2011) of which exists also an English (*Understanding Policy Decisions*, Springer, 2014) and a Spanish (*Decisiones Publicas*, Ariel, 2014 with J. Subirats) version.

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Giulia Fini is tenured Researcher at DASTU since 2016. She holds a M.Sc in Architecture (Università IUAV di Venezia, 2006), and a Ph.D in Urban Policies and Projects (Politecnico di Milano, 2010). Her research interest focuses on urban fringes; emerging polarities and spatial features of outskirts and edge spaces; in addition to the Italian tradition of urban planning through the activity of outstanding scholars. Since 2014-2015 AY she teaches in the Urban Planning & Policy Design MSc, after teaching and tutorship experiences at IUAV (Venezia), Politecnico di Milano, Accademia di Architettura di Mendrisio as well as in international workshops. She collaborated with *Parametro. Rivista internazionale di Architettura e Urbanistica* (2003-2006), MESA Srl. (2004-2005), ACZ Studio di Architettura (2006-2007), Provincia di Bologna, Settore Pianificazione Territoriale (2007-2008), Studio Associato Secchi-Viganò (2007-2009) and *Planum* (2008-2011). Since 2011 she is Editor-in chief of *Planum. The Journal of Urbanism* and manages the activity of Planum Publisher. Among others, she is editor of *Bernardo Secchi. Il futuro si costruisce giorno per giorno. Riflessioni su spazio, società e progetto*, Donzelli, 2015.

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Luca Gaeta is Associate professor at the Department of Architecture and Urban Studies. He is a graduate in Architecture (Politecnico di Milano, 1995) and Philosophy (Università Statale di Milano, 2000). Luca has obtained in 2004 his PhD in Urban Projects and Policies. He is currently a lecturer in Urban Planning at Bachelor level as well as

co-director of the PhD Programme in Urban Design, Planning and Policy. His research focuses on land-use planning, boundary making, land value capture. On these subjects he has published books, essays and articles on both national and international journals. Among others: L. Gaeta, *La democrazia dei confini*, Carocci, Roma 2011; L. Gaeta, U. Janin Rivolin, L. Mazza, *Governo del territorio e pianificazione spaziale*, De Agostini, Novara 2013.

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Antonio E. Longo (Milan 1966) is Associate Professor in Urban Planning and Design at DASTU, Department of Architecture and Urban Studies, Politecnico di Milano. He has worked as planner and urban designer for many public institutions, i.e.: Municipalities of Milano, Torino, San Donato Milanese, Cinisello Balsamo, Jesi, Cernusco sul Naviglio, Province of Milano, Monza e Brianza, Pedemontana Lombarda SPA, and others. Since 2007 he is cofounder and scientific consultant of Ubistudio. His key research themes include: open space policies and projects, environment and landscape, representation and interactive practices in urban design. Design practices in interdisciplinary contexts, theoretical reflection, teaching and education are closely tied and considered as complementary research practices. Among his recent publications focusing on the relation between research and design: "In search of an integrated mobility project", (with A. Lanzani) in P. Pucci and M. Colleoni (eds.) *Understanding mobility for Designing Contemporary Cities*, Springer International 2016; "Experimenting planners' roles: the case of urban spaces transformation" (with A. Moro and G. Concilio), in EURAU Proceedings, <http://www.eurau.org/proceedings>, Istanbul 2014; "Learning by design in an international urban planning and policy design Master Program (with M. Mareggi) in *Planum. The Journal of Urbanism*, no. 25; *Progetto urbanistico e risorse scarse. Il Piano di Governo del territorio di Cernusco sul Naviglio* (with A. Ali), Alinea, 2011.

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Iliaria Mariotti is currently Associate Professor of Applied Economics at the Politecnico di Milano, department of Architecture and Urban Studies. She has achieved a Master degree in Regional Science at the University of Reading (UK), a PhD in Spatial Sciences at the University of Groningen (NL), and a PhD in Transport Economics at the University of Genoa (IT). Iliaria Mariotti's research interests concern urban and regional economics, international economics, and transport economics. Her current research deals with the impact of outward FDI on home economy, specifically, on employment, labour intensity and skills, and on the effects of globalization on the transport and logistics activities' growth. She is author of international journal articles and book chapters.

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Scira Menoni is currently Full Professor at the Politecnico di Milano, Department of Architecture and Urban Studies, teaching various courses at the international program offered by the Politecnico, Civil Engineering for Risk Mitigation. She also teaches at the CERG-C Specialization Certificate for the Assessment and Management of Geological and Climate Related Risk at the Geneva University, Switzerland. Her field of specialization is technological and natural risks prevention, concerning in particular non-structural measures. She has been involved and has coordinated EU funded research in the field of natural hazards, such as FP 6 Scenario (Support on Common European Strategy for Sustainable Natural and Induced Technological Hazards Mitigation), FP 7 Ensure (Enhancing Resilience of Communities and Territories Facing Natural and No-Tech Hazards) projects; currently she is coordinating a Coordination Action, Know-4-drr (Enabling Knowledge for Disaster Risk Reduction in Integration to Climate Change Adaptation). Through university/public administration agreements she has and still is consulting governmental agencies on risk mitigation and management related issues.

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Corinna Morandi is Full Professor in Town Planning and Urban Design at the Politecnico di Milano. Her main research areas concern town planning in the metropolitan area of Milan, comparison of urban and regional planning strategies and urban policies in Europe, the role of commercial and multifunctional centers in urban dynamics the role of ICTs in spatial innovation. Member of the International PhD course in Urban Planning, Design and Policy, DASTU - Politecnico di Milano, she recently published: "Italy", In Sebastian Loew (ed.) 2012, *Urban Design Practice: an International Review*, London: Riba Publishing; "Retail and public policies supporting the attractiveness of Italian town centres: the case of the Milan central districts", 2011, *Urban Design International*, vol.16, no.3; "Digital mapping: the analysis of the social realm of Urbino", 2013, *NUL - New Urban Languages Conference Proceedings*, in *Planum. The Journal of Urbanism*, no.27, vol.2 (con R. Palmieri, B. Stajanovic, L. Tomarchio); "ICT: interfacce tra persone e luoghi", 2013, *Tema*, vol. 6 (con A. Rolando, S. Di Vita).

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Eugenio Morello, an architect by education, is Associate Professor in Urban Design at Politecnico di Milano since 2010. He is also research scientist at the [Laboratorio di Simulazione Urbana Fausto Curti](#), DASTU Department. His research interest is the investigation of the role of urban planning and design in relation to environmental quality and energy transition. He works in particular with digital simulations and prediction models for the integration of environmental aspects and energy systems within the design of sustainable neighborhoods. He was previously a Roberto Rocca postdoctoral fellow at the Human Space Lab, POLIMI (2009) and at the SENSEable City Lab, MIT (2008). He was also adjunct professor at POLIMI since 2006, where he taught urban design. He holds a Ph.D. in environmental design and building technology from POLIMI (2006).

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Stefano Moroni teaches "Land Use Ethics and Law" in the Department of Architecture and Urban Studies at the Politecnico di Milano, and writes on planning theory and ethics. He is member of the editorial board of *Planning Theory*. He has recently published: *Contractual Communities in the Self-Organizing City*, Springer, 2012; *Ethics, Design and Planning of the Built Environment*, Springer, 2013; "City, Pluralism, and Toleration", Special Issue of the *Journal of Urban Affairs*, 2014; *Private Planning and the City: Property Rights, Entrepreneurship and Transaction Costs*, Edward Elgar, 2014.

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Carolina Pacchi, PhD in Urban and Environmental and Planning, is Associate Professor at Politecnico di Milano, where she teaches Planning Theory and Practice and Local Conflict Resolution. She is involved in research on the transformation of urban governance in European cities, forms of alternative politics and grassroots activism at local level and policy strategies based on stakeholder involvement. She has been involved in a number of EU funded research projects on governance in urban, environmental and local development policies and she is currently engaged in research on urban social segregation. She has been visiting researcher at TU Berlin (2016). She publishes at national and international level on her research topics, some recent publications include *La ciudad europea. Lecturas a través del tiempo y el espacio*, Editorial de la Universidad de La Salle, Bogotá (with E. Granata, 2015); "Coworking Spaces in Milan: Location Patterns and Urban Effects", *Journal of Urban Technology* (with S. Di Vita and I. Mariotti, 2017).

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Paolo Pileri is Full Professor of Environmental and Urban Planning at the Politecnico di Milano where he teaches both at the School of Architecture and at the School of Engineering. His research interests focus on land use changes, environmental and social effects of land and soil consumption and the study of impact of tourism cycling routes on landscape and society. In these fields he published over one hundred essays. He is member of the Urban Planning, Design and Policy PhD committee, expert for the Italian Ministry of the Environment, the Municipality of Milano and for the most important Italian no-profit environmental associations. He is member of the scientific committee of the National Centre of Land Consumption (ONCS) and is the scientific responsible of the research project VENTO, regarding the creation of the longest tourism cycle route along the Po river (www.progetto.vento.polimi.it).

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Davide Ponzini is Associate Professor of Urban Planning at the Politecnico di Milano. His research focuses on planning theory, urban and cultural policy, spectacularization of the urban environment. He has been visiting scholar at Yale, Johns Hopkins and Columbia University, and at Sciences Po Paris. His work has been published in international journals, edited books and presented in Italy and abroad. Author of the book: *Il territorio dei beni culturali*, (Carocci, 2008); coauthor with Pier Carlo Palermo of *Spatial Planning and Urban Development: Critical Perspectives* (Springer, 2010) and of *Place-making and Urban Development: New challenges for Contemporary Planning and Design* (Routledge, forthcoming); coauthor with Michele Nastasi of *Starchitecture. Scenes, Actors and Spectacles in Contemporary Cities* (Allemandi, 2011).

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Costanzo Ranci is Professor in Economic Sociology and Director of the Social Policy Research Laboratory at the Politecnico di Milano, Italy. He has served as adviser for many institutions, including the Italian government, and has published numerous articles and books on social policy, the third sector, social risks and inequalities. He is Coordinator of the PhD Board of Professors of the PhD International Program in Spatial Planning and Urban Policy (SPUD) at the Politecnico di Milano. Among his main publications: *Manuale di politica sociale*, Bologna, Il Mulino (with E. Pavolini) (*Textbook on Social Policy*), 2014; *Social Vulnerability in European cities in times of crisis*, (edited with S. Sabatinelli and T. Bransen), Palgrave MacMillan, 2014; *Reforms in Long-Term Care Policies in Europe*.

Investigating Institutional Change and Social Impacts, 2011; *Città nella rete globale. Competitività e disuguaglianze in sei città europee*, (ed.), Milano, Bruno Mondadori (*City in the Global Network. Competitiveness and Inequalities in Six European Cities*), 2011; *Social Vulnerability in Europe. The new configuration of social risks* (ed.), Palgrave MacMillan, 2010.

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Andrea Rolando, engineer, PhD in Surveying and Representation of the Built Environment, is Full Professor with research interests in the field of analysis and representation of complex urban and territorial systems with specific focus on the role of ICTs as drivers of territorial innovation. He is principal academic tutor at the Alta Scuola dei Politecnici di Milano e Torino; Professor of Architecture and Tourism at the University of Milano Bicocca; Coordinator of the post graduate master course in Design and Construction of High Rise Buildings at the Politecnico di Torino. Beside the academic activity, he has completed several projects and consultancies in the fields of urban and architectural design within his professional studio in Torino.

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Stefania Sabatinelli, PhD, is Associate professor in Economic Sociology and a member of the Social Policy Laboratory at the Politecnico di Milano, where she teaches Social Policy and Urban Sociology. Her research mainly deals with comparative welfare analysis, particularly of social assistance, activation, family and care policies, with attention to inter-scalar relations. She has taken part to several local, national and international research projects and networks. Among her publications: “Nothing on the move or just going private? Understanding the freeze on care policies in Italy” (with B. Da Roit), in *Social Politics*, 2013; *Social vulnerability in European cities. The role of local welfare in times of crisis* (Ed. with C. Ranci & T. Brandsen), Palgrave 2014; “Happy ever after in the quasi-market place? The dowry logic of active labour policy in the Lombardy Region” (with M. Villa), in *IJSSP 2015*; “House sharing amongst young adults in the context of Mediterranean welfare: the case of Milan” (with M. Bricocoli), in *EJHP 2016*.

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Rossella Salerno graduated as Doctor of Research in “Survey and representation of Buildings and Environment” in 1991 with a thesis on the representation of landscape. Researcher since 1992, is now Professor of Theory and Techniques of Representation at the School of Architecture and Society of the Politecnico di Milano. The topics she has researched have been amply published in essays and volumes and are closely linked to the field of representation although related to interdisciplinary problems referring to history, planning and the preservation of the environment. She has made scientific contributions in the fields of Representing the territory, Cultural Landscapes, Heritage Communication. She has also taken part to educational exchanges with the DESS at the École d’Architecture de Versailles, the Université Lyon III, the École d’Architecture de Lyon, the École d’Architecture de Paris-La Villette, the École d’Architecture de Grenoble, Universidade Technica de Lisboa, Bauhaus Weimar Universität, Escuela Técnica Superior de Arquitectura ETSA, Madrid.

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Marialessandra Secchi, Architect Ph.D., is currently Assistant Professor of Town Planning and Urban Design at the Politecnico di Milano. She participated to the national research program “Infrastructure, Urban Habitat and Settlements Patterns” funded by the Italian Ministry of University and Research (1998-2004). She co-authored *X Milano*, Hoepli, Milano, 2004, a design investigation on Milan’s urban region. In 1994 she founded the architecture practise Privileggio-Secchi together with Nicolò Privileggio. As a partner, she has developed projects and scenarios for several European and world cities, winning numerous urban design competitions. Her researches mainly concern the shape and structure of the contemporary urban territory, and more precisely the way in which design theory and the instrumentality of design are challenged by the transformation of cities and society.

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Research Areas

The UPDP PhD Programme is structured in the following research areas:

- Urban Studies
- Planning Theories and Practices
- Design Topics, Forms and Tools

The research areas reflect the contents and themes of the ongoing research at DASTU and represent the framework of future research proposals. They are the backbone for PhD students' educational and research activities.

Urban Studies

Contemporary cities worldwide are confronted with increasing challenges regarding local democracy, sustainable development, the management of environmental resources and landscape, social cohesion and cultural diversity. Looking at recent cross-scalar urban changes, the main issues addressed are: social, economic, environmental and territorial transformations, governance problems, technological innovation. The main research topics are: forms and processes of 'spatialization' of social and economic inequalities; urban segregation; differentiation of urban populations; processes and institutions of urban governance; spatial impact of social innovation; forms and processes of regionalization; processes of social, economic and territorial development in local contexts.

Costanzo Ranci (Area coordinator) with Bruno Dente, Valeria Fedeli, Ilaria Mariotti, Stefania Sabatinelli

Planning Theories and Practices

Urban Planning is not a unitary and self-contained discipline and the planning knowledge and activities can be improved by delving into (and jointly considering) theoretical and practical issues. First, the cultures, ethics, traditions and paradigms of planning are varied and have been evolving differently according to their geographical, institutional and political context. Similarly, the planning practice is multiform and can be understood from several perspectives (by sectorial planning; by different analytical and operative techniques; by the relationships between planning and its impact on urban and regional change). Studying the characteristics, the peculiar interpretations and the effects of planning practices constitutes a second relevant research field. Thirdly, the selection and discussion of the crossroads between planning and other disciplines (e.g. architecture, environmental sciences, policy studies, philosophy and others) can dramatically innovate planning theories and practices, going beyond traditional approaches and perspectives, such as growth-centred urban development, commoditization of the urban environment and others.

Stefano Moroni (Area coordinator) with Alessandro Balducci, Massimo Bricocoli, Grazia Concilio, Luca Gaeta, Carolina Pacchi, Paolo Pileri, Davide Ponzini

Design Topics, Forms and Tools

In a scenario of socio-economic, environmental and territorial changing conditions, theoretical and technical issues for the construction of urban projects and for the implementation of governance policies are experimented as a way to improve the quality of life. The specific research themes are: the role and form of urban projects in leading territorial transformation; innovation in the description and representation of urban environment and landscape; tools for the evaluation and management of urban projects and policies aimed at mastering the feasibility and equity of land development, as well as the sustainability and the design quality of the physical outcomes; strategies for land and biodiversity preservation and energy conservation.

Corinna Morandi (Area coordinator) with Andrea Arcidiacono, Bertrando Bonfantini, Antonella Bruzzese, Scira Menoni, Paola Pucci, Andrea Rolando, Rossella Salerno, Maria Alessandra Secchi

Teaching activities

The PhD Programme activates teaching forms of various kind and of different value: courses, seminars, design workshops, laboratories. All the activities aim at:

- creating the starting knowledge common to the PhD program;
- examining the basic research issues (problems, theories, research methods) which represent the founding element of the PhD Programme and which identify clearly its cultural position;
- analysing research issues connected with the problems developed in the thesis.

General information for the first year

The PhD Programme in Urban planning, Design and Policy entails a minimum of 15 credits that must be achieved from UPDP courses during the first year.

The acquisition of further 10 credits is mandatory among the Polimi PhD School courses. The complete list of Polimi PhD School courses is available on the PhD School website:

<http://www.dottorato.polimi.it/en/during-your-PhD/PhD-school-courses>

The 5 credits can be obtained through courses provided either by other PhD Programmes of the Politecnico di Milano or external academic institutions. In this case, a previous approval of the supervisor, the tutor and the coordinator is mandatory.

Within the end of the first year (October), PhD Candidates are required to submit a project for their PhD dissertation. The tutor and the whole Board will follow the preparation of the research project, and will hold regular meetings with the candidates.

Detailed programs and update schedule of the courses are available on the Beep UPDP space:

<https://beep.metid.polimi.it/welcome>

First year training path

In the UPDP programme, the main courses and workshops provided in the first year are the following:

- **specialized courses on Research Methods**, providing a methodological introduction to the doctoral dissertation (literature review, drafting of a research project), as well as research tools in the fields of urban planning, policy and design;
- **a planning and design research workshop**, in which different experiences and skills are combined in order to explore themes and methods of urban planning, policy making and project design. The workshop, organized in an intensive period of work, will be anticipated by introductory seminars offered by research areas of Urban studies; Planning theories and practices; Design topics, forms and tools;
- **intensive and interactive seminars**, focusing on specific sets of topics in the three research areas of Urban studies; Planning theories and practices; Design topics, forms and tools, emphasizing a comparative approach among relevant Italian and international experiences.

Each learning activity is subject to grading through oral examination and the submission of written papers and essays.

First year courses are as follows:

• Introduction to Research Methods in urban planning, urban design and urban studies | 5 credits

The integrated course is organized in two modules which combine an introduction to the main qualitative and quantitative research methods into the domain of urban studies, urban planning, policy and design (Module 1) and an introduction to the different issues that are at stake in the process of designing a research project (Module 2).

Module 1 | Research Methods

This module provides an introduction to the main qualitative and quantitative research methods into the domain of urban studies, urban planning, policy and design.

The aim is offer different issues that are at stake in the process of designing a research project, with reference to different research strategies, methods and tactics that can be considered in framing and organizing the different phases of their doctoral thesis work.

The aims of this module and of the related assignments, are various:

- to provide a field of training in research methodologies, asking PhD students to develop the capacity to select and use texts, sources which can be relevant in order to deal with a research;
- to introduce and accompany PhD students in the constitution of a literature review, which will be an essential pillar in the construction of their PhD thesis.
- further to that, it provides a field of training in academic writing, asking PhD students to produce a short essay based on a critical reading of the selected texts, developing writing skills which are essential for their future career.

Module 2 | Research tools

The aim of this module is to present PhD students with a series of pointers that will serve as a template for formulating their thesis. The course will provide students with the following guidelines: what the proper way to formulate a research question is; how to ensure their research question is original; how to avoid too broad a range of issues, without narrowing down the focus too much; to understand what a literature review consists of; how the thesis should be laid out (e.g., how to create an effective Table of contents); the standards of writing style; ways of ensuring their arguments are clear and accessible; what role empirical evidence plays; what the rules for quotations are; the basics for writing footnotes and/or endnotes; how to write reference lists; how and when it is possible to know that a research question has been answered (correctly).

• **Planning and design research workshop | 10 credits**

The workshop integrates lectures, site tours, design projects and debates among practitioners, researchers and students and it is organized in the following modules.

Module 1 - Research by Design Workshop | 4 credits

The workshop will tackle complex issues of urban transformation through the project, meant in its broadest meaning. PhD candidates will be asked to develop strategies for urban transformation touching different aspects and dimensions of the project: the shape of the space that the transformation defines at different scales; the uses that space allows, block, support or foster; the issues related to the project economic and social feasibility; the actors of the transformation itself and its development process, to mention some of them. The task will be to understand the complexity and multidimensionality of the problems and opportunities that the selected project areas/project theme will present.

The workshop organized in one intensive period of work, will be anticipated by introductory seminars offered by each Research Area.

Module 2 - Seminars by Planning theories research area | 2 credits

Module 3 - Seminars by Urban Studies research area | 2 credits

Module 4 - Seminars by Urban design research area | 2 credits

The objectives of the introductory seminars are:

- Introducing the disciplinary debate on the subject of the WS according to the specific disciplinary approaches
- Providing relevant interpretations and design tools useful to the design workshop,
- Introducing cases study, good practices and discuss on their transferability to the case study

Within the end of the first year, PhD students will be required to submit a project proposal for their PhD dissertation. The admission to the second year is subject to a positive evaluation of the research project by the PhD board.

Second year

The core activities of the second year are:

- a bibliographic essay related to the PhD dissertation, to be presented and reviewed within the first semester;
- an internship of six months in a foreign university or agency working in the field of urban planning and policy; a written report is due to the Board;
- at least one paper submitted to an international journal and the participation to an international conference as speaker.

Before the end of the second year, each PhD Candidate will be required to organize a seminar at the Politecnico di Milano in order to discuss the ongoing research and its first outcomes – position paper, methodology and contents – with researchers to be invited from outside the Department;

Third year

During the third year the PhD candidate should devote his/her time to research and to the development of the PhD thesis. For each candidate, one Member of the Board will be appointed as tutor for supervising and supporting the candidate's work.

By the end of September of the third year, each candidate will be required to present the draft of the PhD thesis, and to discuss it with the supervisor and the Board of Professors.

The candidates are expected to constantly develop their research activity, following the lead of his/her supervisor, tutor and of the Board of Professors, according to the above mentioned schedule.

The tables below show the candidates' educational path, mainly referring to course activities

FIRST YEAR

	Courses and other educational activities	Credits	Notes
<i>PhD School Courses</i>	Two courses to be chosen by the PhD student	10 Max	The list of the courses is available at http://www.dottorato.polimi.it/en/during-your-PhD/PhD-school-courses
<i>Courses characterising the UPDP Programme</i>	Introduction to Research Methods in Urban Planning, Policy and Design	5	
	Planning and design research workshop <ul style="list-style-type: none">• <i>Module 1</i> - Research by Design Workshop 4 credits• <i>Module 2</i> - Seminars by Planning theories research area 2 credits• <i>Module 3</i> - Seminars by Urban Studies research area 2 credits• <i>Module 4</i> - Seminars by Urban design research area 2 credits	10	
<i>Other activities</i>	First mile-stone: review of the content and approach to the thesis		

SECOND YEAR

	Courses and other educational activities
Activities related to the thesis work	Bibliographic research paper on the thesis project
	Submission of article(s) on a peer-reviewed international journal and/or participation in an international seminar as speaker
	Internship abroad in a foreign university or agency with the production of papers
	Second milestone: evaluation of the content of the thesis with a seminar

The thesis

The aim of the PhD Programme is the development in the candidates of a research-oriented mind-set and the training of skills and expertise relevant to specific research topics. To develop a research-oriented mind-set, candidates need to acquire the capability of problem-solving in complex contexts, which includes a deep analysis of the problem, its possible reformulation, the identification of an original solution and the ability to evaluate solutions and their applicability in given contexts. These skills provide the PhD candidates with major opportunities of development in their research both in the academic field and in public and private organisations.

The main objective of the PhD Programme is the development of an original research contribution, with reference to the state of the art of the research hitherto developed. The PhD thesis has to contribute to expand the scientific knowledge in the research field addressed by the candidate. Moreover, it has to be coherent with the research topics developed in the Department within which the PhD Programme is carried out.

The PhD research will be developed under the guidance of a supervisor, who supports the candidate in the setting-out of the research project and accompanies him/her throughout the development of the thesis.

The supervisor can be supported by a tutor belonging to the Board of Professors.

Further activities for the development of individual skills and research expertise are encouraged during the PhD path. The candidate has to acquire the capability to present and discuss his/her work vis-à-vis the academic community working on his/her research topic. Consequently, both the participation to international conferences and the publication of the research results in peer-reviewed international magazines are encouraged.

The candidates are also encouraged to carry out part of their research activities in collaboration with other research groups active in the addressed field, preferably abroad. Research visits of at least three months at research groups through which the candidate can acquire further skills to develop his/her research work and the thesis are strongly encouraged. The duration of the program is normally three years.

Tutor and Supervisor

For each candidate admitted to the program, a tutor is appointed from the Board of Professors. The tutor supports the candidate during the entire training path. The tutor will oversee the choice of the courses, and it will be formalized in a study plan approved by the Coordinator of the PhD Program. The PhD research activity will be developed under the guidance of a supervisor, who supports the candidate in the setting-out of the research project and accompanies him/her throughout the development of the thesis.

The supervisor can be external to the Board of Professors and can be also affiliated to an institution different from the Politecnico di Milano. One or more co-supervisors can support the supervisor. The supervisor and the tutor can also coincide.

Advisory Board

The UPDP course takes advantage from establishing a dialogue with the best European and International schools and scholars.

With the aim to consolidate and expand international relationships, the PhD programme has an advisory board that meets with the aim to participating in the discussion with the PhD students about their research projects.

The following scholars are members of the advisory board:

- Prof. Luca Bertolini, Universiteit van Amsterdam
- Prof. Ingrid Breckner, HafenCity Universität Hamburg
- Prof. Sandro Cattacin, Département de Sociologie de l'Université de Genève
- Prof. Olivier Coutard, Laboratoire Techniques, Territoires, Sociétés, Université Paris-Est
- Prof. Frank Eckardt, Bauhaus-Universität Weimar
- Prof. Antonio Font, Universitat Politècnica de Catalunya, Esc. Tecn. Sup. d'Arquitectura

- Prof. Klaus Kunzmann, Universität Dortmund
- Prof. em. Luigi Mazza
- Prof. Stefan Siedentop, Institute of Regional Development Planning, Universität Stuttgart

Final examination

At the conclusion of the studies, admission of the candidates to the final exam will be evaluated by the Board of Professors. In the final exam for the attainment of the PhD degree, the research work carried out and the thesis will be evaluated by an examination Committee composed by three members, of which at least two must be external. The final exam consists of a presentation by the PhD candidate of the contents of his/her PhD thesis and in a discussion with the examination Committee. The discussion is public.

Current PhD thesis

UPDP PhD candidates of the 29th cycle are working on the following research topics:

PhD candidate	Research topic	Tutor
Liliana Giraldo	A planning strategy for an integral, balanced and equitable distribution of economic resources coming from nature for the development of a region: the Yopal's region.	Davide Ponzini

UPDP PhD candidates of the 30th cycle are working on the following research topics:

PhD candidate	Research topic	Tutor
Karimi Maryam	Implementation of large-scale development projects and Building Information Modeling. Critical analysis on national policy and urban development projects	Davide Ponzini
Jorge Priscilla	The image of the Metropolis. The representations of the Parisian and Milanese urbanized areas constructed by the daily travelers of the suburban transport networks	Paola Pucci
Sheqiri Arlinda	Edible trees' contribution to sustainable city development: Integrating edible trees in the urban context	Eugenio Morello

UPDP PhD candidates of the 31th cycle are working on the following research topics:

PhD candidate	Research topic	Tutor
Irene Bianchi	Exploring the learning-resilience nexus: knowledge production processes for disaster response and recovery	Grazia Concilio
Ifigeneia Dimitrakou	Reconsidering the relation between vacancy & inhabitation: The new housing question, urban practices & policies in the context of austerity - the case of Athens	Luca Gaeta

Bin He	Evaluation of the Performance of Action Plans in Local Development Process In the Context Of Developing Countries	Alessandro Balducci
Ouejdane Mejri	Describing, recording and mapping urban changes using big data	Scira Menoni
Maria Tamara Mendoza	Smart Urbanisation: Developing cities, preventing disasters	Scira Menoni
Lorenza Sganzzetta	Sustainability in urban food strategies: practices and policy processes	Grazia Concilio

UPDP PhD candidates of the 32th cycle are working on the following research topics:

PhD candidate	Research topic	Tutor
Aramburu Guevara Nilva Karenina	The complex nexus between urban dynamics and school segregation in European Cities	Costanzo Ranci
Catalanotti Cristina	Contemporary Urban Practitioners. An action reserach on insurgent planning	Antonio Longo and Grazia Concilio
De Vidovich Lorenzo	Local welfare system as a tool for neighbourhood-scale policies	Massimo Bricocoli
Jacomella Marco	An Italian Housing questions	Massimo Bricocoli
Marra Giulia	The Collaborative Model as the Basis for a Commons-Based Urban Welfare: Assessing Social Impacts in a Comparative Perspective	Costanzo Ranci
Zhao Yiqing (CSC)	Culture-led in China. Can it be explained by Growth Machine Theory?	Davide Ponzini

UPDP PhD candidates of the 33th cycle are working on the following research topics:

PhD candidate	Research topic	Tutor
Beatrice Bellé	Underused public buildings. Questioning the effectiveness of bottom-up revitalizing initiatives	Stefano Moroni
Anita de Franco	Abandoned buildings in non-shrinking cities: possible causes and viable actions, with particular reference to the Italian case	Stefano Moroni
Stefano D'Armento	Improving accessibility and mobility in inner areas through tourism	Andrea Rolando
Benedetta Marani	Spaces of welfare/places for welfare	Stefania Sabatinelli
Rossella Moscarelli	Inner areas and slow infrastructures: an opportunity to regenerate marginalized territories in Italy	Paolo Pileri

Paola Sturla	Big Data and advanced parametric tools in landscape design for infrastructure: opportunities, limits, impacts and risks	Michael Jakob e Paola Pucci
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Mina
Sufineyestani

Ageing in Happy City. Mobility as a source of social life quality

Ilaria Mariotti

PhD thesis

PhD	Title of PhD Thesis	Supervisor
Stefano Cozzolino	The city as action. The dialectic between rules and spontaneity	Sanford Ikeda and Stefano Moroni
Arman Fadaei	The contribution of planning to the emergence of informal settlements	Stefano Moroni
Matteo Motti	Surplus infrastructures: Two cases in Western Europe.	Marialessandra Secchi
Silvia Ronchi	Ecosystem services for spatial planning. A proposal for practical application. Restart from ecosystem services	Paolo Pileri
Elena Batunova	Designed shrinkage? Managing demographic challenges/decline in urban planning. The case of small and medium-sized cities of Southern Russia.	Bertrando Bonfantini
Gabriela Fernandez	The Urban Metabolism of the Italian Context. Exploring the use of urban metabolism to support environmental assessment and spatial planning decision making processes: the case study of the Metropolitan City of Milan, Italy	Eugenio Morello and Ilaria Mariotti
Minola Luca Andrea	The legacy of Henry George. Land value taxation today	Stefano Moroni and Fred Emanuel Foldvary
Jones Zachary	Synergies and frictions between mega-events and urban heritage in the European Capital of Culture program: A comparative study of Genoa 2004, Liverpool 2008 and Istanbul 2010	Davide Ponzini
Xie Shuyi	The Vital Preservation of Chinese Historic Quarters for Contemporary Living. Reconsidering the Italian planning tradition in the physical maintenance of the historic city	Bertrando Bonfantini
Tricarico Luca	Community Energy Enterprises: Communities, Socio-institutional Systems and Management of the future Distributed Energy Geography	Stefano Moroni
Vecchio Giovanni	Urban mobility as human capability: Bridging the gap between transport planning and individual opportunities	Paola Pucci and Karel Martens



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