

01.02.2020

Pastore Maria Chiara

Education:

- 03/ 2013 PhD in Spatial Planning and Urban Development (SPUD). Department of Architecture and Urban Studies, Politecnico di Milano (XXIV Cycle) awarded cum laude.
Reinterpreting the relation between water and urban planning. The case of Dar es Salaam City.
Supervisor: Gabriele Pasqui
- 2011 Visiting research student at Ardhi University, Dar es Salaam, Tanzania
The impacts of water management on the city's urban development in developing countries – Dar Es Salaam case study (1 year)
- 2010 Visiting Research student at UCL, Civil Engineering Department, Environment Institute – London, United Kingdom (8 months)
The impacts of water management on the city's urban development in developing countries – Theoretical analysis.
Supervisor: Sarah Bell
- 2009-2012 Awarded Fellowship PHD Spatial Planning and Urban Development – DASTU - Politecnico di Milano, Italy
- 10/2005 Master Degree in Architecture and Urban Planning
Politecnico di Milano, Faculty of Architecture.
Metropoli Vesuvio
Supervisor: Giovanni La Varra
- 2002-2003 Fellowship Erasmus Bartlett School of Architecture and planning, UCL, London, United Kingdom
Hyperdensity in Shanghai, Ms in Urban Design – prof. Colin Fournier

Languages:

Italian: mother tongue; English: fluent in speaking, writing, reading; French: Good;

Programmes:

Ms Office; Autodesk Autocad, QGIS, Adobe Package

Employment History:

- 2019- ongoing Assistant Professor at Politecnico di Milano Department of Architecture and Urban Studies
Main research activities; urban forestry; fragile landscapes, adaptive planning in African cities
- 2019 Visiting Professor at TU-Graz
- 2017-2019 Research Coordinator Stefano Boeri Architetti
Main Subject: the relation between architecture and Nature. Urban Forestry.

- 2014-2018 Consultant to the World Bank – Ministry of Housing of Malawi.
 Consultancy: Production of the Safer House Construction Guidelines
 Consultancy: Production of the Safer School Construction Guidelines
 Training, Dissemination, and Communication of Safer Practices in the construction sectors
- 2017 Consultant to Stefano Boeri for the Coordination activities related to the Reconstruction Process in Italy (Earthquake 2016 in Central Areas of Italy)
 Consultancy: Production of the guidelines that can drive reconstruction at the territorial level
- 2013-2017 Post-Doctoral Research Position at Politecnico di Milano.
 Research subject: Governance in Urban Africa. Which are the new planning conditions?
 Research subject on water and sanitation systems in relation to resilience planning in both developing and developed environments
 Curator of the “Libro Bianco della Cooperazione Internazionale del Politecnico di Milano” 2010-2015
 Project manager of the European Tempus Project: GIEP (Green Innovation and Entrepreneurship Programme) for the development of a master degree regarding five Egyptian Universities
- 2016 Consultant to Stefano Boeri Architetti for the Tirana 2030 Masterplan
 Consultancy: The new strategic masterplan of Tirana, water and sanitation sectors
- 10/2015 Consultant to Stefano Boeri Architetti for the “Maspero Triangle Masterplan Competition” in Cairo (Second Prize Awarded)
- 2013/2014 Scientific coordinator of MI-ARCH, Festival of Architecture, Politecnico di Milano
- 2011 Consultant to the Ministry of Lands, Housing, Human Settlements Development (MLHSD) Tanzania.
 Dar Es Salaam Masterplan 2010-2030 (Tanzania). Project funded by World Bank
 With: Dodi Moss (Italy), Buro Happold (UK), Afri-Arch (Tanzania), QConsult (Tanzania). Local Director
- 2009 Conceptual Masterplan per EXPO Milano 2015 Milan (Italy)
 Client: EXPO 2015 S.p.A
 With: Stefano Boeri, Jacques Herzog, Richard Burdett, William Mc Donough, Joan Busquets.
 Project architect
- 2005/2008 Masterplan and schematic design for the European Centre of Biomedical Research Milan (Italy)
 Client: Fondazione CERBA With: Boeri Studio
 Project Leader
- 2007 Policlinico di Milano – Regeneration project of the Central Hospital – Competition – Winning Prize Milan (Italy) With: Boeri Studio
 Project Leader
- 2007 Feasibility Study for the Green Belt named “Metrobosco”. Milan (Italy)
 Client: Provincia di Milano With: Politecnico di Milano
 Project architect
- 2006 Feasibility Study for the new location of the Inter football Club stadium – Milan (Italy)
 with: Boeri Studio
 Project Leader
- 2003 Central Pasila Masterplan with Cino Zucchi Architetti, Designer

Publications:

- 2018 Chapter contribution “Let’s talk forest. La forestazione urbana per ridisegnare il mondo in cui viviamo” “Il Capitale Naturale in Italia AA. VV. Ministero dell’Ambiente, Il Capitale Naturale in Italia Ed Ambiente
- 2018 Book “*Re-Interpreting the relation between water and urban planning. The case of Dar es Salaam* (1ed)”, Routledge Research in Planning and Urban Design Series, London 2018 June 2018
- 2018 Chapter contribution “FUTUR –E: Quale futuro per la centrale Marzocco a Livorno?” Atti della XX Conferenza Nazionale SIU – Roma 2017 ISBN 9788899237127 Planum Publisher
- 2018 Chapter contribution “Un Laboratorio per la ricostruzione” con S. Boeri; Atti della X Giornata INU, Napoli 2017 in Quaderni di Urbanistica 2018
- 2018 Chapter contribution “Resource Efficiency and Resilience in Sub-Saharan African Cities: Towards Community Metabolism” in Petrillo A., Bellaviti, P., (2018) Sustainable Urban Development and Globalization New strategies for new challenges—with a focus on the Global South. Springer edition
- 2018 Chapter contribution in “*Design guidelines for planning new districts in East Africa*” with Butera Federico, Morello Eugenio, ed. UN-HABITAT 2018 – forthcoming
- 2017 Chapter Contribution “L’attività del Commissario Straordinario ed il futuro della ricostruzione del Centro Italia: una strategia sostenibile” con Stefano Boeri
- 2017 Article “*New African Cities*” in Atti del Convegno Africa delle Città, Accademia University Press, Torino 2017
- 2016 Chapter contribution “*New urbanities: exploitation of water resources in return for a dream*”, in Silva Carlos Nunes “Governance in Urban Africa”; Palgrave MacMillan UK 2016
- 2016 Book “*Storie di Cooperazione Politecnica*” Polimi Editions with Colombo Emanuela, Susanna Sancassani, Milano 2016
- 2016 Manual “*Safer House Construction Guidelines*”, Ministry of Housing, Lilongwe 2016
- 2015 Article “*Reworking the relation between sanitation and the city in Dar es Salaam, Tanzania*”, Environment and Urbanization, First published on July 24, 2015
- 2014 Chapter contribution “*Shaping African Water and Sanitation Systems. The challenge of the cities*”. In “Africa Big Change, Big Chance” by B. Albrecht, ed. Compositori, Milano 2014
- 2014 Chapter contribution “*Connection*” in Urban Veins, in New Water Anthropology, curated by Gianandrea Barreca, List Lab edition, Trento, August 2014
- 2014 Article “*Sewers*”, in San Rocco 2014, (10) Winter – pag. 151-157
- 2014 Article “*African Urban Planning: possible futures*” in AA. VV., Atti della XVII Conferenza Nazionale SIU. L’urbanistica italiana nel mondo, Milano 15-16 maggio 2014, Planum Publisher, Roma Milano 2014 | ISBN 9788899237004 pag.309-311

- 2012 Chapter contribution “*Who plans the water? Water management and spatial planning in Europe*” in “From territorial cohesion to the new regionalized Europe” Pedrazzini Luisa, Akyiama Renata, Maggioli 2011
- 2012 Chapter Contribution “*The streets of Sao Paulo*”, with Tamburelli Pierpaolo in “Urbanism with preexistent territories and the sharing of ideas” França Elizabete, Prefeitura of Sao Paulo, Brasil 2012
- 2010 Article “*Shanghai 2010. Harmonic City makes life better*” Abitare Grandi Eventi 2010 (p.24-33, n.499/2010)
- 2010 Article “*Better city better life. Expo Shanghai 2010*” in *Urbanistica*, n. 143, 2010 pag.76
- 2007 Article “*Metropoli Vesuvio*”. Atti del Convegno AESOP "Planning for a risk society. Dealing with uncertainty, challenging the future" Giannini Editore 2007
- 2007 Article Contribution in Milano. *Cronache dell'abitare* Editore Bruno Mondadori. Milano

International Conferences (selected)

- 2019 IUFRO Key Note Speaker, Curitiba, Brasil
- 2019 World Green Council Building Key Note Speaker, Cape Town, South Africa
- 2018 Paper presented at the conference: African Centre for Cities Conference – Cape Town, South Africa
- 2018 Invited speaker at the International Forests Day – forests and sustainable cities – UNECE and FAO, Geneva, Switzerland
- 2017 Paper presented at the conference: Crisis and Rebirth of Cities, X INU Day, Napoli December 2017
- 2017 Paper presented at the conference: IAPS 2017 SYMPOSIUM Knowledge for Climate-Proof Urban Development in Rapidly Changing Environment – Dar es Salaam, Tanzania
- 2017 Paper presented at the conference: II International Conference 'AFRICAN URBAN PLANNING' Lisbon, September 2017
- 2017 Paper presented at the conference: Royal Geographical Society, Annual Conference, London, August 2017
- 2017 1 Paper presented at the conference: 8th N-AERUS Conference "What urban in a hyper-connected Global South? Milano, September 2017
- 2017 Paper presented at the conference: American Association of Geographers, Annual Meeting – Boston. USA
- 2017 Paper presented at the conference: *Urbanistica è Azione Pubblica*, Conferenza SIU, Roma, Italy
- 2016 Discussant at the Conference HABITAT III, Un-Habitat, Quito
- 2015 Paper presentation and discussant at the conference “Africities” 29-11/3-12 2015 Johannesburg
- 2015 Paper presented at the conference: “L’Africa delle Città” 16-17 October 2015 Torino

- 2015 Paper presented I REC Conference “Reconstruction and Recovery in Urban Contexts”
Bartlett School of Architecture and Planning (UCL) 6-8 July 2015 London
- 2015 Paper presented at the conference: Local Government and Urban Governance: Citizen Responsive Innovations in Europe and in Africa organized by the IGU Commission on Geography of Governance (IGU-GoG) & Institute of Geography and Spatial Planning - University of Lisbon 9-10 April 2015 Lisbon
- 2014 Paper presented at the conference: The Association of African Planning Schools (AAPS) “African Urban Planning and the Global South: Pedagogy, Research, Practice” in Cape Town in October 2014

Teaching Activities:

- 2017-ongoing Politecnico di Milano. Adjunct professor, Course “**Urban design**” module in Urban design Studio Master Course.
- 2014-2017 Politecnico di Milano. Adjunct professor, Course “**Urban design for Development**”. Master Course.
- 2013-2016 Politecnico di Milano, Cooperation Post Graduate Program. Member of the Scientific Committee, Course Instructor Module 6 (Water Energy Food Nexus).
- 2013-2014 Politecnico di Milano. Adjunct professor, Course “**Urban Design studio**”. Master Course
- 2012-2014 Politecnico di Milano. Tutor, Course “**Laboratorio di Urbanistica I**”. Bachelor Degree Course
- 2011 Berlage Institute. Tutor, Course “**the Streets of Sao Paulo**”. Post Graduate Degree
- 2010/12 Domus Academy Milan. Course Instructor, Master Course
- 2009/10 TUM Technische Universität München. Tutor, Master Course
- 2009/10 Politecnico di Milano. Tutor, Course “**Town Planning studio**” Master Course
- 2008/09 Politecnico di Milano. Tutor, Course “**Theories and techniques of architectural design**”, Bachelor Degree Course

MSc supervisor:

2015-2018

- Kigali-Rwamagana. A strategic proposal for local development of eastern corridor
- Operação urbana Minhocão : acima das telhas
- L'unità di quadra come progetto di riqualifica per il centro di Sao Paulo
- The urbanism of Cyprus water system
- A refugee camp in Lesvos (Greece)
- A masterplan for the former Energy Production centre area on Livorno waterfront
- Sao Paulo water shortages: urban strategies for water catchment and water reuse within the City Centre
- Msimbasi River Valley (Dar es Salaam) resiliency as a model against flooding
- Land Grabbing In Senegal
- Urban Metabolism in Kibera (Kenya): recycling of the garbage as a tool for sustainable development
- Planning the public space in a refugee camp in Lesvos
- A new Model for social Housing in Capetown. expected April 2018

- Are Refugee Camps Cities? the case of Zaatari. Expected April 2018

Other Activities:

2019-ongoing Editorial Board Member with Urban Forestry & Urban Greening

2018 Invited external referee PhD thesis, University of Cape Town

2018 Member of the Scientific Committee “World Forum on Urban Forests”, Mantova 2018

2017 Member of the Research “Learning from disasters: methodologies, tools, and techniques, to implement urban resilient spaces” financed by Politecnico di Milano

2017 Curator of the talk “Architecture and Africa” within the Event Miarch Week at the Triennale Milano 12-18 June 2017

2017 Curator of the “Reconstruction Workshop” to be held within the Event Miarch Week at the Triennale Milano 12-18 June 2017, setting up a network of education that would jointly work at the reconstruction process

2016 Peer Reviewer to “Sustainable Energy Technologies and Assessments”

2016 Peer Reviewer to “Environment, Development and Sustainability”

2015 Scientific Organizer of the International Workshop “Reshaping Johannesburg. Transforming the Post-apartheid Landscape through Collaborative and Socio-ecological Design”, a joint activity between Politecnico di Milano and WITS, Johannesburg held in September 2015

2014 Participation to the Exhibition “Africa Big Change, Big Chance” at The Triennale di Milano, and CIWA Bruxelles

2013 Peer Reviewer to “Planum Journal” and “Progress in Planning”

Autorizzo il Politecnico di Milano a pubblicare il presente curriculum sul sito WEB di Ateneo, ai fini istituzionali e in ottemperanza al D. Lgs n. 33 del 14 marzo 2013 “Decreto trasparenza” come modificato dal D. Lgs. 97 del 2016