CITIES IN A CHANGING WORLD:
QUESTIONS OF CULTURE, CLIMATE AND DESIGN

• Paper / Proposal Title:
Design processes for Transitions. Exploring transdisciplinary tools for adaptive urban spaces

• Author(s) Name:
Fabrizia Berlingieri

• University or Company Affiliation:
Politecnico di Milano – Department of Architecture and Urban Studies (DASTU)

• Abstract (300 words):
By looking at contemporary urban design practices on environmental rebalancing, an expanded field emerges. Its foundations ground on high standards of specialized knowledge in which the predominance of eco-technicism seems to be the main research perspective able to face and orient solutions for the crisis we experience. A multifaceted and structural condition that refers to several ongoing and connected phenomena: the consequences of Climate Change dynamics affecting the world regions’ habitability and the progressive urbanization versus the definitive abandonment of agricultural land.

At the European level, the adoption of the Pact of Amsterdam in 2016 and the European Green Deal in 2019 show the advancement of proper policy-oriented actions by constructing a shared framework through a widespread participation. Precisely the establishment of a common policy framework has proved to be highly incisive on the physical transformation of cities and metropolitan areas. Rather than abstract policies, they are currently defining future cities’ profiles. Several metropolitan areas have already adopted action plans to promote urban transitions, with a specific reference to adaptive strategies for climate change. The contribution engages two specific topics related to policies’
influence on (urban) spatial design. Firstly, it aims to critically question and reflect on the current lexicon, often abused, about terms such as “adaptiveness, sensorial, uncertainty, renaturation, climate (urban) form”, almost addressing “green” as urban value. The second topic focuses on investigating tools for adaptive design strategies, stressing the mutual relation between practice and research in architecture. This position, evaluating and comparing contemporary climate-adaptive design examples, represents the specific lens through which the proposal aims to further develop and manipulate tools for architectural and urban design research and to expand the meaning of "processes" in the open sphere of architectural design.

• Author(s) Biography (200 words each):

**Fabrizia Berlingieri** (1979, arch. PhD). Graduated in Architecture at the University of Reggio Calabria in collaboration with the Mendrisio Academy of Architecture. After completing the PhD in 2007, she has been post-doc researcher (2011-2013) at University of Reggio Calabria and TU Delft, faculty of Architecture and the Built Environment. She taught at University of Reggio Calabria and Unical, Cosenza from 2007 to 2012. She has been tutoring several seminars and workshops such as the Athens ExtraMoenia Reading Workshop, TU Delft (2015-2016), LId’A_ Laboratorio Internazionale di Architettura, Uni RC (2014; 2011), WAVE_ Workshop Architettura Venezia, IUAV (2010), among others. In 2012/2013 and in 2015/2017 she was Guest Researcher at the TU Delft Department of Architecture, in 2016 Expert Team Member of IBA Parkstad, collaborating with the curator Jo Coenen to the research MUTATIONS. From 2019 Senior Lecturer and Assistant professor at Politecnico di Milano, within the program “Department of Excellence Territorial Fragilities".