

MAURO BERTAGNIN



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Mauro Bertagnin is an architect, urban planner, full professor of Architectural Design and former Dean of School of Architecture, University of Udine, Italy. Since 2017 he is Senior Professor of the School of Architecture, University of Udine.

His areas of expertise are earthen architecture, sustainable design, architectural preservation, valorization of vernacular architecture, self-help housing and shanty towns resorption in developing countries. He is the Founder and Editor of *Architecture, Planning and Preservation*, the outstanding Italian peer-reviewed book series (MIMESIS editions) devoted to the urban design, architecture theory and criticism of historic preservation.

Professor Mauro Bertagnin has an architecture degree from IUAV- Istituto Universitario di Architettura Venezia and has an earthen architecture specialization from CRATerre –ENSAG.

His works and articles have been featured in international publications such as *The Journal of the Society of Architectural Historians*, *Space & Society* –MIT Press, *Costruire in Laterizio* and *Parametro*.

Bertagnin teaches core courses such as *Architectural Design and Construction* and *Sustainable Architecture*. He also teaches seminars and workshops that critically explore topics in architectural design and theory such as tectonics of architecture, urban typology and morphology and sustainable architecture. He designed the *construction didactics* method together with prof. Patrice Doat of the ENSAG /School of Architecture of Grenoble, starting from the didactic experiences gained together at the *Grands Ateliers* of Villefontaine-Lyon and later transferred in the didactics of the course *Design & Construction* of the first year, since the foundation of the School of Architecture in Udine. The theoretical bases of the methodology in the field of *construction didactics* are summarized in the book: Mauro Bertagnin (et Alii) *Trying Understanding, Building: Trials in Construction Didactics*, Leonardo Editions (2009).

Bertagnin was serving as Dean and was Assistant Professor and a founding member of the School of Architecture of the Udine University. He has received several grants from the Italian Ministry of Research and University and, as a member of CRATerre, he was awarded in 1990, of *Habitat Scroll of Honour* of UNCHS-HABITAT' for the activities developed in the field of earthen architecture.

By participating in the '80s, the programme of cooperation with the EPAU, School of Architecture of Algiers, studies the earthen architecture of the Sahara, where he also develops his first projects and research experiences on earthen architecture that culminate with his participation in the CRATerre, since 1985. Since 2002 he serves as consultant to UNESCO - WHC and he is also a member of the International Scientific Committee of Earthen Architectural Heritage. ISCEAH-ICOMOS. Since 2008 Bertagnin is Scientific Advisor of the UNESCO-WHEAP Programme (World Heritage Earthen Architecture Programme). The World Heritage Programme on Earthen Architecture (WHEAP) is the most important UNESCO programme aiming for the improvement of the state of conservation and management of earthen architecture sites worldwide. Pilot projects

on earthen architectural sites inscribed on the World Heritage List, or included in States Parties' Tentative Lists, help identify best practices and set examples for the development and dissemination of appropriate methods and techniques in earthen architecture conservation. Bertagnin also contributed to several educational programmes and rehabilitation projects of earthen architecture heritages in Algeria, Benin, Egypt, Ethiopia, Hungary, Italy, Mali, Morocco, Nigeria, Syria, Spain, Tunisia and Ladakh (India). Currently is carrying on a pilot project for the preservation of earthen architecture in the Gurage (Ethiopia) and on behalf of ACHI Association a conservation programme of the earthen architecture of Buddhist monastic heritage in the villages of Wanla, Kanji and Skurbuchen in Ladakh (India). He also participates since 2010 to the group of international experts who care, on behalf of UNESCO-WHC, the scientific of the conservation plan of the settlement of New Gournia of Hassan Fathy (Egypt).

In the decade 1995-2005 as *Visiting Lecturer and Design Critic* has worked extensively first at the Aga Khan Program of Islamic Architecture (AKPIA) of MIT (Prof. Attilio Petruccioli) and later in 2006 (Spring Semester) at the Graduate School of Design of Harvard University (Prof. Virginie Lefebvre / Assistant Aziza Chaouni) as *Visiting Professor* he held the *Desert Tourism Stream Studio*. In the framework of his activities as a Scientific Advisor to the WHEAP (World Heritage Earthen Architecture Heritage Program), he recently published Mauro Bertagnin, Ali Ould Sidi, (2014) *Manuel de Conservation de Ville de Tombouctou*, UNESCO-WHC, Paris

Selected Books and Articles:

(2017) Mauro Bertagnin, Mohamed S.M. Yassin, Giovanni Viola *Agritecture Transforming Small holder Agriculture in the Nile Basin: Earthen Underground Architecture for a Sustainable 2030 Vision* in "Paradise Lost of the Landscape-cultural Mosaic. Attractiveness, Harmony, Atarassia", Venice, Proceedings.

(2016) Mauro Bertagnin, *An integrated educational programme for the conservation and the improvement of vernacular earth construction in Emdibir/Gurage/Ethiopia*, ICOMOS CIAV 2012 – Al Ain Proceedings in Marwa Dabaieh and Miles Lewis (editors) "Vernacular Architecture in the Face of Change. The edited papers delivered at the conference of the Committee of Vernacular Architecture The Place of Vernacular Built Heritage in a Rapidly Changing Context", ICOMOS Al Ain, UAE, pp.229-236 (ISBN 978-0-9923709-0-9).

(2014) Mauro Bertagnin, Ali Ould-Sidi, Mauro Bertagnin et Ali Ould Sidi, *Manuel pour la conservation de Tombouctou- Timbuktu: Conservation Manual*, UNESCO, Paris

(2014) Mauro Bertagnin, (editor) *Stones are words : Architecture of the places beyond the frontiers of diversity: Mostar, Neretva, Split and Dalmatian Coast* Architetture dei luoghi oltre le frontiere della diversità: Mostar, Neretva, Spalato e Costa Dalmata presentazione / presentation Attilio Petruccioli, Mauro Bertagnin MIMESIS editions, Milan 2014.

(2012) Mauro Bertagnin, *City, Metropolis and Territory between Apocalypse and Sustainability*, in Luca Taddio (editor), *City, Metropolis and Territory* MIMESIS editions, Milan 2012.

(2010) Susan Gilson Miller, Mauro Bertagnin (editors), Hashim Sarkis (foreword), *The Architecture and Memory of the Minority Quarter in the Muslim Mediterranean City*, Harvard Graduate School of Design - Aga Khan Program, Cambridge- Mass

(2009) Mauro Bertagnin (et Alii) *Trying Understanding, Building: Trials in Construction Didactics*, Leonardo Editions