

Alessandra De Cesaris

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Alessandra De Cesaris, Ph.D in Architectural Design and Theory, since 2000 teaches Architectural Design at the Faculty of Architecture, 'Sapienza' University of Rome. She is member of DiAP, Dipartimento di Architettura e Progetto, and she is in the Committee of the PhD Programme in Architecture Design and Theory of Architecture. In the years 2008-11 she has been the scientific coordinator of the Lifelong Learning/Erasmus Programme and member of the Erasmus Committee and International Relations of the Faculty of Architecture. Actually she is member of Relint the International Relation Office of DiAP.

Since 2012 she has been the director and the head of research of HousingLab, a research Laboratory founded in 2005 within the Department of Architecture.

Her research is mainly focused on:

- The rehabilitation of public housing neighbourhoods and social housing in contemporary urban transformation.

In particular she has been the Vice-scientific coordinator (2008-09) and scientific coordinator (2009-10) of the National Research (PRIN 2008) *Rigenerazione dei tessuti urbani marginali. Strategie e metodi per uno sviluppo sostenibile. Applicazione ai tessuti della dispersione e agli interventi di edilizia residenziale pubblica. Casi-studio a Roma*. Scient. coord. G. Neri.

- The research of low cost, flexible and sustainable housing typologies for new social needs

The research has been developed mainly through projects and experimental design solutions.

- Project of ground and underground as a sustainable element for the regeneration of the peripheral urban areas.

In the regeneration of the urban outskirts it's necessary to operate with a series of interventions for a rather different and innovative variety of infrastructure for the ground and the underground. This means adjusting the systems of transport, parking, traffic, goods distribution, and network infrastructure to be able to provide services and encourage new energy sources.

She is author of many projects, articles and books, among these:

- De Cesaris, A., Mandolesi, D. *Rigenerare le aree periferiche. Ricerche e progetti per la città contemporanea*, Quodlibet, 2015.

The theme of housing is approached along three trajectories: typological innovation, sustainability and urban regeneration.

- De Cesaris, A., Ferretti, L. V., Osanloo, H., *Iran. Città percorsi caravanserragli*, EdilStampa 2014.

The book is the result of a design workshop- which was held in Iran -on the rehabilitation of caravanserais along the Silk Road.

- De Cesaris, A. *Il progetto del suolo sottosuolo*, Gangemi Editore, 2012.

Book, 301 coloured pages, with English text. 14 chapters, structured by an alphabetical sequence of 'key words' reveal the possibilities and the critical elements of designing the soil-subsoil in the contemporary city.

- De Cesaris, A. *Infrastrutture e paesaggio urbano 2*, EdilStampa, 2012.

Book, 245 coloured pages, with English text. A critical reflection on the role of transport infrastructure in the redefinition of contemporary landscapes.