

## PERSONAL INFORMATION ANDREA BOERI



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<https://www.unibo.it/sitoweb/andrea.boeri/en>

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input checked="" type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

## WORK EXPERIENCE

### Research (last 10 years):

Field of expertise: environmental sustainability and quality of buildings and urban systems; innovative solutions in terms of materials, technologies and construction systems; improving performance and energy efficiency of the building stock; climate responsive strategies in regeneration processes at building and district scale; renovation strategies for districts and buildings (social housing); Mitigative initiatives for adaptation to climate change.

He has been involved in several EU research projects. Currently he is involved - in the UNIBO research team - in H2020 projects on climate resilient future (GRETA GReen Energy Transition Actions, GA101022317) and on Conservation, valorization and communication of Cultural Heritage (4CH - Competence Centre on the Conservation of Cultural Heritage. GA101004468).

He has been involved in regional/national research projects.

Author or co-author of more than 150 scientific publications.

Member of several international Editorial boards.

He has participated as a speaker at national and international events.

### Teaching:

Currently (AY 2021-22):

- Technological planning - Module of Lab-based Course on Technologies for Architecture (Integrated Course)
- Technologies for Sustainable Design I - Module of Final Workshop: Sustainable Architecture (Integrated Course)
- Adaptive Technologies and Strategies for Resilience - Module of Advanced Design Laboratory 1b (Integrated Course)
- Environmental Responsive Building Technologies - Module of Preserving Heritage and Shaping New Urban Features Laboratory (Integrated Course)

### PhD board

- Member of the PhD board in "Future Earth, Climate Change and Societal Challenge", University of Bologna since 2019.

- Coordinator of the of PhD Program in Architecture, University of Bologna, 05.2018-12.2018.

- Member of the PhD board in Architecture (PhD), University of Bologna 2014-2018.

### Activity Sector Research and Teaching

Academic field and discipline: ICAR/12 Technology for Architecture

Since 2010

### Full Professor

University of Bologna, Department of Architecture (<https://da.unibo.it/>) (Italy)

From 2015 to 2021 **Head** of the Department of Architecture, University of Bologna

From 2005 to 2010 **Associate Professor**  
University of Bologna, Department of Architecture (<https://da.unibo.it/>) (Italy)

From 1998 to 2005 **Researcher**  
University of Ferrara, Department of Architecture (Italy)

## EDUCATION AND TRAINING

1999 **Degree in Architecture**  
University of Firenze, Department of Architecture (Italy)

## PERSONAL SKILLS

Mother tongue(s) Italian  
Other language(s) English (Level B2)

### Job-related roles

- Member of TRACE ( Technology and Resilience in Architecture, Construction and Environment ) Team, CPCL Agency ( Agency of Creative Practices in Cities and Landscape), SEED ( Sustainability, Environmental Economics and Dynamics Studies Interdepartmental Center ) and OFFLine lab (Innovation and Energy Efficiency Laboratory).
- Member of SITdA (Italian Society of Technology for Architecture).
- CIRI (Industrial Research Interdepartmental Center) Building and Construction and ICT of the University of Bologna ( <https://centri.unibo.it/edilizia-costruzioni/it/> - <https://centri.unibo.it/ict-tecnologie-informazione/it/>), Member of the research group.
- Member of the Academic Senate of University of Bologna, 2015 – 2018.
- Member of ASN (National Scientific Qualification) Commission, SC(Academic Discipline)08/C1 Design and Architectural Technology, 2016 – 2018.

## ADDITIONAL INFORMATION

Main Publications <https://www.unibo.it/sitoweb/andrea.boeri/publications>

1. 2020 Antonini E., Boeri A., Giglio F. (2020) Emergency Driven Innovation. Low Tech Buildings and Circular Design, Series: Innovation, Technology, and Knowledge Management, Springer, ISBN 978-3-030-55968-7, monograph.
2. 2015 - Boeri, A., Antonini, E., Gaspari, J., Longo, D.; Energy Design Strategies for Retrofitting. Methodology, Technologies and Applications WIT press, Southampton (pp. 216); ISBN: 978-1-84564-998-2, monograph.
3. 2013 - Antonini, E., Boeri, A., Longo, D.; Edilizia sociale ad alta densità. Strumenti di analisi e strategie di rigenerazione: il quartiere Pilastro a Bologna, Collana: Saggi di Architettura, Bruno Mondadori Editore, Milano (pp. 209), ISBN: 9788861598546, monograph.
4. 2020. A. Boeri, S.O.M. Boulanger, V. Gianfrate, M. Massari, Future Design Approaches for Energy Poverty: Users Profiling and Services for No-Vulnerable Condition. In ENERGIES - Special Issue Energy Performance in Buildings and Quality of Life. MDPI JOURNAL - ISSN 1996-1073, vol. 13/2020, pp.1-18, doi:10.3390/en13082115 (classeA).
5. 2019. - R. Di Giulio, A. Boeri, D. Longo, V. Gianfrate, S. Boulanger, C. Mariotti, ICTs for Accessing, Understanding and Safeguarding Cultural Heritage: The Experience of INCEPTION and ROCK H2020 Projects. DOI:10.1080/15583058.2019.1690075. pp.1-19. In International Journal of Architectural Heritage - ISSN:1558-3058 vol. 11/2019, (classe A).

