

Special Issue

Beyond Energy Efficiency in Architecture. New Challenges and Research Trajectories for Buildings and the Built Environment

Message from the Guest Editors

Over the last few decades, energy efficiency and lower environmental impact of buildings have been at the forefront of building design, geared towards the goal of low carbon energy transition. Significant progress has also been made in the design approaches with the introduction of BIM and advanced modelling tools. This Special Issue aims to focus on frontier research in the construction sector and to trace the outlines of emerging trends. Contributions can include but are not limited to the following topics: (1) Experimental and modeling studies; (2) Implementation and development of high-performance building technologies and components; (3)

Conservation/refurbishment/improvement/mitigation and adaptation strategies for various contexts; (4)

Forecasting scenarios of energy/environmental consumption and/or impacts utilizing multi-scale, multi-criteria, multi-objective analysis. We look forward to receiving your contributions. Prof. Dr. Andrea Giovanni Mainini

Guest Editors

Prof. Dr. Tiziana Poli

Dr. Andrea Giovanni Mainini

Prof. Dr. Gabriele Lobaccaro

Dr. Mitja Košir

Dr. Juan Diego Blanco Cadena

Deadline for manuscript submissions

closed (28 February 2022)



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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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