# **Special Issue**

# Latest Research on Building Energy Efficiency

## Message from the Guest Editors

The rapid increase in energy demand is a general constant around the world. Furthermore, the last economic crisis increased the difficulties in the supply of raw materials that increased the cost of energy consumption. This growth responds to various reasons: the increasing awareness of global warming caused by greenhouse emissions, the inevitable exhaustion of traditional energy sources in the following decades (fossil fuels), and the need for countries to ensure energy self-dependence stand out. In addition, the contribution of energy consumption from buildings is about 40% of the overall energy use in developed countries. This Special Issue aims to collect scientific papers dealing with innovative solutions for the building sector, considering several levels of knowledge. Papers selected for this Special Issue are subject to a rigorous peer review procedure to rapidly and widely disseminate research results, developments, and applications.

## Guest Editors

Dr. Gabriele Battista

Dr. Emanuele De Lieto Vollaro

Dr. Claudia Guattari

**Deadline for manuscript submissions** closed (20 April 2024)



# Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/142353

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

mdpi.com/journal/ applsci





# Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



<u>applsci</u>



## 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

#### **Author Benefits**

#### **Open Access:**

free for readers, with article processing charges (APC) paid by authors or their institutions.

### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)