



energies



an Open Access Journal by MDPI

Energy Efficiency Solutions and Indoor Environmental Quality in Zero-Energy Buildings

Guest Editors:

Dr. Ludovico Danza

Construction Technologies
Institute of the National Research
Council of Italy (ITC-CNR), Via
Lombardia 49, San Giuliano
Milanese, 20098 Milan, Italy

Dr. Lorenzo Belussi

Construction Technologies
Institute of the National Research
Council of Italy (ITC-CNR), Via
Lombardia 49, San Giuliano
Milanese, 20098 Milan, Italy

Deadline for manuscript
submissions:
closed (20 March 2023)

Message from the Guest Editors

In recent years, new paradigms have influenced buildings' design towards sustainable and highly efficient constructions. Zero-energy buildings (ZEBs) are the current challenge, which should be appropriately addressed with a holistic approach to achieve excellent indoor environmental quality (IEQ) and energy efficiency levels. These aims can be met by cutting energy consumption through designing buildings with innovative materials, components, HVAC, and renewable energy sources and whose operation must be deeply analyzed. Only an integrated design allows balancing the technical choices made and the overall comfort conditions from different points of view (e.g., thermal, visual, acoustics, and indoor air quality).

I cordially invite you to submit your manuscript to this Special Issue.



mdpi.com/si/58591

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)