



energies



an Open Access Journal by MDPI

Building Thermal Envelope - New Trends and Applications

Guest Editors:

Prof. Dr. Jorge de Brito

Department of Civil Engineering,
Architecture and Georesources,
Instituto Superior Técnico,
University of Lisbon, Av. Rovisco
Pais, 1049-001 Lisbon, Portugal

Dr. Maria da Glória Gomes

Department of Civil Engineering,
Architecture and Georesources,
Instituto Superior Técnico,
University of Lisbon, 1049-001
Lisbon, Portugal

Deadline for manuscript
submissions:

closed (28 February 2021)

Message from the Guest Editors

Dear Colleagues,

This Special Issue intends to focus not only on existing knowledge but also on the new trends and applications related to building thermal envelopes

Original research (theoretical and experimental), case studies, and comprehensive review papers are invited for possible publication in this Special Issue. Relevant topics to this Special Issue include but are not limited to the following subjects:

- Building envelope materials and systems envisaging indoor comfort and energy efficiency;
- Building thermal and energy modelling and simulation;
- Lab test procedures and methods of field measurement to assess the performance of materials and building solutions;
- Smart materials and renewable energy in building envelopes;
- Adaptive and intelligent building envelopes;
- Integrated building envelope technologies for high-performance buildings and cities.

Prof. Dr. Jorge de Brito

Prof. Dr. Maria da Glória Gomes

Guest Editors



mdpi.com/si/44372

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 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
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)