

## Special Issue

# Energy and Environmental Management of Buildings and Systems

### Message from the Guest Editor

In the last twenty years, there is an increasing demand for raw materials and primary energy, linked to rapidly expanding economies. Innovative thinking on the urban built environment is needed as a driving force; evolution from sustainability to resilience can act as an effective guide for designing and constructing energy efficient buildings with reduced carbon footprint and environmental impact based on circularity goals. In terms of urban sustainability and resilience, policies and legislative targets promote energy efficiency as well as environmental, economic and social aspects for the integrated design and evaluation of buildings and systems. In this context, this Special Issue invites research papers that discuss the monitoring and evaluation of buildings' energy and environmental performance, technologies and measures to improve it, as well as policy and regulatory aspects. The selection of papers for this Special Issue will be based not only on their innovation and originality, but also on their findings providing a valuable contribution to the scientific community.

---

### Guest Editor

Dr. Effrosyni Giama

Process Equipment Design Laboratory, Faculty of Mechanical Engineering, Aristotle University of Thessaloniki, 54636 Thessaloniki, Greece

---

### Deadline for manuscript submissions

closed (5 April 2023)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/77325](https://mdpi.com/si/77325)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, 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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q1 (Control and Optimization)