

## Special Issue

# Evaluation of Energy Efficiency and Flexibility in Smart Buildings 2021

### Message from the Guest Editor

On behalf of *Energies*, I would like to invite you to contribute to this Special Issue “Evaluation of Energy Efficiency and Flexibility in Smart Buildings 2021”. Buildings’ energy demand and huge energy flexibility potential make them a strategic instrument to improve the efficiency of the overall energy system. This potential impact of the built environment is not yet fully developed and exploited and we, as researchers, can contribute to increasing the general awareness on achievable benefits. In particular, energy efficiency and energy flexibility potential need to be quantified and possible means to unlock such potential need to be disclosed. Particularly relevant is research activity on devices and control strategies that make a building “behave in a smart manner”.

This Special Issue will include articles on, but not limited to, the following areas: energy efficient solutions, new refurbishment technologies, demand side management strategies, renewable energies integration, energy storage, and optimal control. I look forward to receiving your contribution.

---

### Guest Editor

Prof. Dr. Alessia Arteconi

1. Dipartimento di Ingegneria Industriale e Scienze Matematiche, Università Politecnica delle Marche, Via Brecce Bianche, I-60131 Ancona, Italy;
2. KU Leuven, Department of Mechanical Engineering, B-3000 Leuven, Belgium

---

### Deadline for manuscript submissions

closed (30 November 2021)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/75562](https://mdpi.com/si/75562)

*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)