

Special Issue

Building renewable energy and thermal energy storage system 2018

Message from the Guest Editors

The Special Issue of *Energies* focus on novel materials, new method and theories, or innovative aspects in practical applications that can help to enhance the efficiency and reduce the costs of building renewable energy and latent heat thermal storage systems.

Potential topics include, but are not limited to:

- Solar thermal systems: Domestic hot water, space heating and cooling
- Photovoltaic and building integrated photovoltaic (BIPV) technologies
- Photovoltaic/Thermal technologies
- Heat transfer of GHEs
- Design and operation strategy of hybrid GSHP
- Heat transfer in PCMs and enhancement techniques
- Characterization and development of new PCMs
- Thermal energy storage systems in buildings
- Thermal management system using PCMs
- Integration methods and application of building renewable energy and heat storage system in buildings

Guest Editors

Prof. Dr. Yanping Yuan

School of Mechanical Engineering, Southwest Jiaotong University, Chengdu 610031, China

Prof. Dr. Xudong Zhao

1. Centre for Sustainable Energy Technologies, Energy and Environment Institute, University of Hull, Hull HU6 7RX, UK

2. Center of Intelligent Acoustics and Immersive Communications, Northwestern Polytechnical University, 127 Youyi West Road, Xi'an 710072, China

Deadline for manuscript submissions

closed (20 October 2018)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.2



mdpi.com/si/12873

Energies

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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





Energies

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.2



[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 Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 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)