



Building renewable energy and thermal energy storage system 2018

Guest Editors:

Prof. Yanping Yuan

Deputy Dean, School of
Mechanical Engineering,
Southwest Jiaotong University,
Chengdu 610031

yp yuan@swjtu.edu.cn

Prof. Xudong Zhao

Chair of Engineering, School of
Engineering, Faculty of Science
University of Hull Hull, HU6 7RX,
UK

Xudong.Zhao@hull.ac.uk

Deadline for manuscript
submissions:

closed (20 October 2018)

Message from the Guest Editors

Dear Colleagues,

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

Prof. Dr. Yanping Yuan

Prof. Dr. Xudong Zhao

Guest Editors





Editor-in-Chief

Prof. Dr. Enrico Sciubba

Room 32, 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 by the Science Citation Index Expanded (Web of Science), Ei Compendex, Scopus and other databases.

Rapid publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 16.7 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2019).

Contact Us

Energies
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
@energies_mdpi