Special Issue

Energy Conservation in Buildings: Renewable Energy Utilization Method

Message from the Guest Editors

This special issue is conducive to researchers all over the world to pursue technology transition towards renewable solutions in building energy conservation. (e.g. Various heat pumps, solar energy, high-performance building simulations, load prediction, etc.) In this Special Issue, potential topics may include but are not limited to the following: (a). Methods, implements, prospects to simulate/design/operate renewable energy systems in buildings. (b). Heat pump technology: ground-source, air-source, water-source, etc. (c). Building performance simulation towards renewable facilities. (d). Various renewable energy applications in buildings: solar, geothermal, etc. (e). State-of-art load prediction technology for buildings. (f). Methods for operation and system control in buildings.

Guest Editors

Prof. Dr. Fenghao Wang

School of Human Settlements and Civil Engineering, Xi'an Jiaotong University, Xi'an 710049, China

Prof. Dr. Yanfeng Liu

School of Building Services Science and Engineering, Xi'an University of Architecture and Technology, Xi'an 710055, Shaanxi, China

Deadline for manuscript submissions

closed (30 June 2022)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/92130

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

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

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)

MDPI