Special Issue

Sustainable Heating and Cooling Technologies for Low-Carbon Buildings

Message from the Guest Editors

To further spread sustainable heating and cooling technologies for low-carbon buildings, this Special Issue on “Sustainable Heating and Cooling Technologies for Low-Carbon Buildings” is being launched to collect cutting-edge research addressing problems and challenges in building heating and cooling. Original research papers reporting critical reviews and theoretical and experimental investigations of new innovations and developments of sustainable heating and cooling technologies for low-carbon buildings are welcome.

- building-integrated renewable energy
- heat pump assisted by renewable energy
- free/passive heating and cooling of buildings
- advanced heating/cooling cycle
- combined supply of cooling and heating for buildings
- building energy flexibility
- smart management of building energy
- sustainable building material
- thermal storage
- heat recovery

Guest Editors

Dr. Jingyu Cao

Dr. Bendong Yu

Dr. Haifei Chen

Dr. Zhongting Hu

Deadline for manuscript submissions

closed (31 July 2024)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/149942

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)