Special Issue

Recent Advances in Sustainable Buildings: Space Heating, Space Cooling and Lighting

Message from the Guest Editors

Regarding global trends in energy consumption, the Intergovernmental Panel on Climate Change has reported that a significant increase is expected in the global demand for heating and cooling energy until 2050; with an increase of 179% and 183% from 2010 levels in residential and commercial buildings, respectively. This concern has led to a number of studies conducted worldwide to improve building energy efficiency in areas such as control of heating, ventilation and air conditioning (HVAC) installations, and lighting systems. This edition of the *Energies* journal aims to address the challenge of reducing emissions from the residential sector by minimizing the need to use energy in buildings (heating, cooling and lighting) through more energy efficient measures, the use of renewable energy sources, and other technologies in order to meet minimum energy requirements.

Guest Editors

Prof. Dr. Tariq Muneer

Dr. Mehreen Saleem Gul

Prof. Dr. Eulalia Jadraque Gago

Deadline for manuscript submissions

closed (29 February 2020)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/24741

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)