

Special Issue

Sustainable Energy Management: New Development Horizons

Message from the Guest Editors

This Special Issue, entitled “Sustainable Energy Management: New Development Horizons”, aims to explore the future landscape of energy and its sustainable management. As the global energy demand grows, the main challenge is to achieve a sustainable and universally accepted transition from fossil energy to renewable energy or find a sustainable balance using both approaches despite existing inherent challenges and limitations. This Special Issue seeks to highlight the emerging horizons in sustainable energy, focusing on advancements in alternative energy sources, the optimization of energy usage, and the integration of digital, self-learning technologies in energy management systems. Topics of interest include the development of renewable energy technologies, innovations in energy storage and conversion, the role of smart grids and microgrids, and the application of artificial intelligence in the design of energy systems. This Special Issue aims to provide a platform for cutting-edge research and forward-thinking ideas that will shape the future of sustainable energy management.

Guest Editors

Prof. Dr. Henryk Dźwigoł

Prof. Dr. Aleksy Kwilinski

Prof. Dr. Rafis Abazov

Dr. Andrew Zimbhoff

Deadline for manuscript submissions

closed (19 December 2024)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/216903

Energies
Editorial Office
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 3.2
CiteScore 7.3



[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 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)