



energies



an Open Access Journal by MDPI

Recent Advances in Hybrid Renewable Energy System

Guest Editor:

Dr. Pouya Ifaei

Department of Environmental Science and Engineering, College of Engineering, Center for Environmental Studies, Kyung Hee University, Seocheon-dong 1, Giheung-gu, Yongin-Si 446-701, Gyeonggi-Do, Republic of Korea

Deadline for manuscript submissions:

closed (31 March 2024)

Message from the Guest Editor

Dear Colleagues,

In this Special Issue, recent advances in hybrid renewable energies will be covered with special attention to novel multigeneration systems, new energy hub management approaches, and creative multi-carrier and multi-product networks. All design, optimization, control, and monitoring of the systems can be covered in the articles. Colleagues are encouraged to discuss the resiliency and reliability in renewable energies hybridization. The applications of hybrid renewable energy systems in all buildings, industries, and sectors can be investigated. Authors can submit their research outputs as full-length research articles or letters. State-of-the-art literature can be explored in critical in-depth review manuscripts to highlight the future research on the topic. We are especially interested in the significance of employing various energy sources in dynamic social, economic, and ecological conditions. The less-seen aspects of hybrid renewable energies research can be highlighted by implementing cutting-edge artificial intelligence and smart materials.



mdpi.com/si/137117

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 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 within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)