



energies



an Open Access Journal by MDPI

Numerical and Experimental Methods in Research: Renewable Energy Systems

Guest Editors:

Dr. Krzysztof Rusin

Department of Power Engineering and Turbomachinery, Faculty of Energy and Environmental Engineering, Silesian University of Technology, 44-100 Gliwice, Poland

Dr. Sebastian Rulik

Department of Power Engineering and Turbomachinery, Faculty of Energy and Environmental Engineering, Silesian University of Technology, 44-100 Gliwice, Poland

Deadline for manuscript submissions:

closed (23 May 2025)

Message from the Guest Editors

Dear Colleagues,

Renewable energy systems have been gaining more share in the energy mix of many countries. There are many reasons explaining this trend: depletion of fossil fuels, an abundance of renewable energy sources or a tendency to decentralize energy systems. However, technical advancement aiming at an increase in efficiency, reliability and availability of these systems is a key factor if this trend is to continue. This Special Issue aims to present and disseminate the advances related to numerical, experimental and analytical investigations of renewable energy systems as well as their integration and impact on the national power systems.

Dr. Krzysztof Rusin
Dr. Sebastian Rulik
Guest Editors



mdpi.com/si/183162

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 Compindex, 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)