

Special Issue

Frontiers in Smart Grids: Systems and Devices

Message from the Guest Editors

The of the Special Issue “Frontiers in Smart Grids: Systems and Devices” is inviting researchers and scientists to publish their insights from research that contribute to the development of smart grids. We are particularly interested in the following topics: Advanced technologies and methodologies for smart grids; Smart infrastructure for smart grids; Artificial intelligence application for smart grids; Integration of power generation, power distribution, and power utility; Control and security strategy of smart grids; Renewable energy resources and grid connections; Disruptions, failures, and solutions of renewable energy generation; Energy storage technologies of smart grids; Policy and regulations for renewable energy generation grid connections; New technological applications for smart meters; Smart charging technologies and infrastructures for electric vehicles; Failure detection and maintenance of smart grids; Power theft and its solution; Short-term and long-term socioeconomic effect of smart grids. Submissions on other topics are also welcome so long as they fit in with the Special Issue theme.

Guest Editors

Dr. Nien-Che Yang

Department of Electrical Engineering, National Taiwan University of Science and Technology, Taipei 10607, Taiwan

Dr. Ting-Yen Hsieh

Green Energy and Environment Research Laboratories, Industrial Technology Research Institute, Hsinchu 31040, Taiwan

Deadline for manuscript submissions

closed (30 April 2022)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/94840

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)