

## Special Issue

# Artificial Intelligence (AI) in the Power Grid and Renewable Energy

### Message from the Guest Editor

Artificial Intelligence (AI) in the Power Grid and Renewable Energy is a special issue in *Energies* for those who want to publish the original papers about the transmission, distribution, utilization, and renewable energy. This special issue aims at presenting important results of work in the power systems. The works can be applied research, development of new algorithms, original application of existing knowledge or new facilities applied to power systems. Papers including but not limited to the following are invited:

- AI, Machine Learning And Deep Learning for Power System Data Analytics;
- Supervised, Unsupervised, and Reinforcement Learning;
- Big Data, Computational Intelligence, and Energy Data Analytics;
- Intelligent Forecasting, Modeling, Mitigation in Renewable Energy;
- Intelligent Estimation and Classification Techniques;
- Advanced Heuristic Optimization Techniques;
- Reliability, Security, and Resiliency Assessment;
- Planning and Operation of Energy Storage System;
- Intelligent Control Applied to Protection System.

### Guest Editor

Prof. Dr. Chao-Rong Chen

Department of Electrical Engineering, National Taipei University of Technology, Taipei 106, Taiwan

### Deadline for manuscript submissions

closed (31 March 2023)



## Energies

an Open Access Journal  
by MDPI

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/93044](https://mdpi.com/si/93044)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto: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)