

## Special Issue

# Applications of Artificial Intelligence in New Energy Technology Systems

### Message from the Guest Editors

This Special Issue invites original papers dealing with the application of artificial intelligence techniques to improve, develop, and manage new energy technologies. Invited papers may cover topics including but not limited to:

- AI-enabled control systems for renewable energy systems;
- Advanced energy management systems;
- Advanced energy prediction techniques;
- AI-enabled energy planning strategies;
- Grid integration of new energy systems;
- AI-enabled smart grid communication system;
- Power electronics and industrial electronics;
- Electric vehicles and storage systems;
- Virtual reality visualization and simulation for new energy technologies;
- Virtual power plants.

---

### Guest Editors

Dr. Mehdi Seyedmahmoudian

Prof. Dr. Alex Stojcevski

Assoc. Prof. Dr. Ben Horan

Prof. Dr. Saad Mekhilef

---

### Deadline for manuscript submissions

closed (31 July 2021)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/46059](https://mdpi.com/si/46059)

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

[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)



## About the Journal

### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

---

### Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1  
(Geography, Planning and Development)