



## Applications and Technologies of Renewable Energy

Guest Editors:

### **Dr. Ayman Al-Quraan**

Electrical Power Engineering  
Department, Hijjawi Faculty for  
Engineering Technology,  
Yarmouk University, Irbid 21163,  
Jordan

### **Dr. Ahmad M. A. Malkawi**

Mechatronics Engineering  
Department, School of  
Engineering, The University of  
Jordan, Amman 11942, Jordan

Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### **Message from the Guest Editors**

Since we believe that renewable energy is distinct and needs specialized attention, we emphasize the scientific knowledge and analysis of renewable energy in this Special Issue. We encourage researchers and colleagues to submit both their critical review papers and original, distinct works. These are just a few examples of possible topics:

- The use of renewable energy;
- Hybrid renewable energy systems using biomass and biofuel;
- Energy systems;
- Energy conservation;
- Energy-saving technologies;
- Applications of robotics in renewable energy systems in energy policy;
- Electric automobiles;
- Applications of power electronics in renewable energy;
- Pollution of the atmosphere;
- Solar systems;
- Wind systems;
- Artificial intelligence applications in the energy system;
- Urban wind energy and its aerodynamic effect.





an Open Access Journal by MDPI

## 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

## 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.

## 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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)