

## Special Issue

# Latest Trends for Renewable Energy and Enabled Technologies for Sustainable Development

### Message from the Guest Editors

The world's energy needs are currently outpacing available generation capacity on a global scale. Therefore, it is important to effectively and securely meet future energy demands. Renewable energy sources should be used to assist energy solutions. The contribution of renewable energy to global primary energy is still insufficient to meet primary energy and electricity needs. In future decades, both industrialized and emerging countries must continue to rely on fossil fuels. The problem is worse in emerging nations than it is in wealthy nations. It appears that many emerging nations have been attempting to reform their energy industries. It appears that implementing innovations is challenging.

### Guest Editors

Dr. Achyut Shankar

Department of Cyber Security, University of Warwick, Coventry CV4 7AL, UK

Dr. Zahid Akhtar

Department of Network and Computer Security, State University of New York Polytechnic Institute, C135, Kunsela Hall, Utica, NY 13502, USA

### Deadline for manuscript submissions

closed (3 October 2023)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/164072](https://mdpi.com/si/164072)

*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)