

Special Issue

Critical Issues in Power Engineering and Renewable Energy Technologies

Message from the Guest Editors

The development of renewable energy plays a vitally important role in net-zero carbon emission and sustainability in power systems; however, the high penetration of renewable energy in transmission and distribution networks causes stability, security, economic, etc., which are critical issues in power engineering and renewable energy technologies. Therefore, the self-adequately and stable operation and control of the area power grid is relatively important, and the networked microgrids that have the ability of grid-tied and islanding operations are one of the key solutions to conquer this challenge. Nevertheless, the development of networked microgrids still has some key techniques to overcome the technical operation and commercial power market issues. Consequently, the invites researchers and scientists to publish their valuable insights from research that contribute to the relative issues of this topic.

Guest Editors

Prof. Dr. Wei-Tzer Huang

Prof. Dr. Liang-Ruei Chen

Dr. Nien-Che Yang

Deadline for manuscript submissions

closed (29 February 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/128922

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)