



Sustainable Power System Optimization: Operation, Distribution and Application

Guest Editors:

Dr. Kangli Liu

Dr. Yiji Lu

**Dr. Miltiadis (Miltos)
Alamaniotis**

Dr. Na Chai

Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editors

The reduction of fossil fuel and climate change have made the world gradually focus on the development of renewable energy. Renewable energy systems are replacing traditional energy sources at a rapid rate, represented by photovoltaics, wind power, and others. Subsequently, how to generate and use renewable energy more efficiently has gradually become a great challenge.

This Special Issue seeks high-quality contributions in the field of renewable energy generation, distribution, applications, etc., covering topics including but not limited to the following: renewable energy system optimization, power conversion, energy storage systems, stability analysis and optimal design for power electronic-based system, energy policy and markets, renewable energy generation, electric vehicle applications, microgrids, reliability of complex systems, modeling of complex systems, etc. All prospective authors with novel ideas are invited to submit original contributions or survey papers for review for publication.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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](#), [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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)