



Sustainable Electric Power Systems: Design, Analysis and Control (2nd Edition)

Guest Editors:

Dr. Boyu Qin

School of Electrical Engineering,
Xi'an Jiaotong University, Xi'an
710049, China

Dr. Ke Ma

School of Materials Science and
Engineering, Tianjin University of
Technology, Tianjin, China

Dr. Qianjun Zhang

School of Materials Science,
Shanghai Dianji University,
Shanghai, China

Deadline for manuscript
submissions:

31 October 2024

Message from the Guest Editors

Dear Colleagues,

Following the success of the Special Issue of Sustainability on “Sustainable Electric Power Systems: Design, Analysis and Control”, we are delighted to announce a new Special Issue entitled “Sustainable Electric Power Systems: Design, Analysis and Control 2nd Edition”.

Scholars have paid extensive attention to renewable energy use in sustainable power systems as an approach for reducing carbon emissions. However, the uncertain, intermittent and low-inertia nature of renewable generation poses great challenges to the operation and regulation of sustainable power systems. In developing efficient and reliable power systems, there is a growing emphasis on advanced energy storage techniques. This Special Issue focuses on the innovative solutions and state-of-the-art studies for the design, analysis and control of sustainable power systems within the framework of the energy transition.

We look forward to receiving your contributions.





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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)