

Special Issue

Smart Grid and Energy Storage: Enabling Sustainable Electric Systems

Message from the Guest Editor

This Special Issue, "Smart Grids and Energy Storage: Enabling Sustainable Electric Systems", focuses on the integration of smart grid technologies and energy storage solutions as pivotal components in the modernization of electric power systems. The collection of articles within this issue present cutting-edge research, innovative case studies, and comprehensive reviews that explore the advancements and applications of smart grid management and energy storage technologies. We would like to invite you to submit your contributions to this Special Issue. Areas of interest include (but are not limited to) the following topics:

- Clean energy source technologies;
- The management of pumping energy transfer station storage solutions;
- Novel energy storage technologies;
- Distributed storage systems;
- The fault detection and diagnosis of energy systems;
- AI in new trends of energy control and management;
- IoE (Internet of Everything) in new smart grid applications;
- Renewable energy integration;
- Energy management systems.

Guest Editor

Prof. Dr. Emmanuel Simeu
Institute of Engineering, Université Grenoble Alpes, CNRS, Grenoble
INP, TIMA, 38000 Grenoble, France

Deadline for manuscript submissions

30 June 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/220794

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. 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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

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)