

Special Issue

Towards World with Low-Carbon Development: The Conversion and Storage of Clean Energy and Sustainable Development

Message from the Guest Editors

At present, the world is facing serious environmental problems, such as climate change, air/water pollution, resource scarcity, etc., which are directly or indirectly affected by traditional energy sources. "Global access to affordable, reliable, sustainable and clean energy" is included in the Sustainable Development Goals (SDGs) of the United Nations. Clean energy such as wind energy, solar energy, and hydropower is being widely developed and incorporated into the energy system to alleviate and overcome serious energy crises and environmental problems. It is urgent to develop and build technologies and materials for energy storage and conversion to generate and utilize clean energy. This Special Issue aims to present new technologies and recent advances in clean energy conversion and storage. In addition, review papers that provide an important overview of the recent advances and research in the field of clean energy are welcome. More details are available:

https://www.mdpi.com/journal/sustainability/special_issues/UQASQQP370

Guest Editors

Dr. Zhanming Chen

Key Laboratory of Shaanxi Province for Development and Application of New Transportation, Chang'an University, Xi'an 710064, China

Dr. Xiaochen Wang

School of Energy and Electrical Engineering, Chang'an University, Xi'an 710064, China

Deadline for manuscript submissions

closed (7 March 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/si/164773](https://www.mdpi.com/si/164773)

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://www.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)