Special Issue

Low Carbon Energy and Sustainability—2nd Edition

Message from the Guest Editors

This Special Issue offers a platform where topics related to low-carbon energy consumption, energy transition, low-carbon behaviour and sustainability, and corresponding policies are encouraged to be presented and published within a unified framework. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Mechanism and policy for promoting the large-scale consumption of renewable energy power.
- Energy consumption and energy-consuming behaviour in residential sector.
- Technological progress and policy support for novel energy storage.
- Low-carbon technological innovation in the energy field.
- Sustainable development of new and renewable energy
- Power trading mechanism design for promoting the developing renewable energy and energy storage.

Guest Editors

Dr. Hongguang Nie

School of Economics and Management, Changchun University of Science and Technology, Changchun 130022, China

Dr. Jinhua Xu

Institutes of Science and Development, Chinese Academy of Sciences, Beijing 100190, China

Deadline for manuscript submissions

30 September 2025



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/207426

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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 OC5, 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, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

