

Special Issue

Challenges and Innovations in Low-Carbon Energy

Message from the Guest Editors

The scope of this Special Issue includes but is not limited to the following issues:

- The implications of carbon neutrality on the economy, on regions, industries, international trade, and on the development of low-carbon technology, and the co-benefits/trade-offs of low-carbon energy transition in economic development, resource utilization, ecological environment, and social welfare;
- The challenges, mechanisms, and innovative measures to accelerate low-carbon energy transition in regions, cities, and key industrial sectors/supply chains/enterprises, such as power, coal, steel, cement, chemical industry, etc.;
- Major technological innovation in the supply chain of energy, electric power, and industries, and the cost-benefit analysis of mitigation technologies for energy activities, especially the challenges and innovations to develop and deploy negative emission technologies;
- Major issues of social governance, law, and planning and business models to accelerate the low-carbon energy transition;
- The challenges to estimating GHG emissions from energy activities, including CO₂ and non-CO₂ GHGs;
- Green Belt-and-Road and the role of low-carbon energy.

Guest Editors

Dr. Linwei Ma

Prof. Dr. Bo Zhang

Dr. Wenjia Cai

Dr. Zongxiang Lu

Deadline for manuscript submissions

closed (15 January 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/72865

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. *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 0C5, 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, CAPIus / SciFinder, and other databases.

Journal Rank:

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