

Special Issue

Advancing Sustainable Technologies: Eco-Friendly Innovations in Solar Energy Application

Message from the Guest Editors

The energy crisis and environmental pollution pose serious challenges to social sustainability, which means that it is urgent to prioritize the development and utilization of renewable energy sources to gradually eliminate traditional fossil fuels. Solar energy is regarded as the current most promising renewable energy source, as the sun not only provides enough clean radiant energy for earth but also can guarantee a continuous energy supply for billions of years in the future. However, the efficient utilization of solar energy is still an unresolved issue that requires the contributions of intelligent minds from around the world. This Special Issue will collect state-of-the-art papers on advances in solar energy application, focusing on eco-friendly innovations in solar technologies, to help humanity to achieve a sustainable energy solution for global development.

Guest Editors

Dr. Linyang Wei

School of Metallurgy, Northeastern University, Shenyang 110819, China

Dr. Zhitian Niu

College of Metrology Measurement and Instrument, China Jiliang University, Hangzhou, China

Deadline for manuscript submissions

15 October 2025



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/224955

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)