

Special Issue

Advances in Solar Cells and Sustainable Photovoltaics

Message from the Guest Editors

The aim of this Special Issue is to provide a platform for research highlighting how solar innovations align with global sustainability goals, particularly the United Nations SDGs 7 (Affordable and Clean Energy) and 13 (Climate Action). Emphasizing an interdisciplinary approach, this Special Issue bridges material science, engineering, environmental analysis, and policy research. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- sustainable design options of pv system components, advanced materials (e.g., perovskites, dye-sensitized solar cells), device technology, life cycle assessments, low-carbon manufacturing, and applications such as building-integrated and off-grid systems, remanufacturing and recycling processes for photovoltaic technologies, and second-life approaches, including repair. Economic and political aspects, including cost reduction and social impacts, will also be investigated.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Eva Schwenzfeier-Hellkamp

Institute for Technical Energy Systems, Hochschule Bielefeld—
University of Applied Sciences and Arts (HSBI), 33619 Bielefeld,
Germany

Dr. Fabian Schoden

Institute for Technical Energy Systems, Hochschule Bielefeld—
University of Applied Sciences and Arts (HSBI), 33619 Bielefeld,
Germany

Deadline for manuscript submissions

30 June 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/224245

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)