

Special Issue

Sustainable Solar Energy: Thermal and Photovoltaic Uses

Message from the Guest Editors

Environmental sustainability depends on the efficient use of renewable resources (air, water, soil, flora, and fauna) and minimizing waste—ideally to zero through substitution (e.g., replacing plastic with wood). Sustainable energy is vital for maintaining and advancing human life on Earth. This Special Issue proposes extending the usual analysis of solar energy for heat and electricity to include sustainability practices. In addition to being renewable, solar energy should be assessed for greenhouse gas emissions during its production and use, due to their impact on climate change. The energy efficiency of solar systems, including both equipment and application contexts (e.g., buildings, industries, farms), this last one if possible, should also be evaluated. Possible topics could include the following:

- Sustainable thermal solar energy use;
- Sustainable photovoltaic solar energy use;
- Energy efficiency included in solar equipment and/or in entire systems;
- Hybrid renewable energy systems, including those for solar energy;
- Evaluations of greenhouse gas emissions related to the abovementioned topics.

Guest Editors

Prof. Dr. Rubén D. Piacentini

Prof. Dr. Salvador Gil

Prof. Dr. Víctor José Passamai

Deadline for manuscript submissions

13 March 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/240898

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)