



Solar Energy Utilization and Sustainable Development

Guest Editors:

Dr. Nuria Novas Castellano

Department of Engineering,
University of Almeria, 04120
Almeria, Spain

**Prof. Dr. Manuel Fernandez
Ros**

Department of Engineering,
University of Almeria, 04120
Almeria, Spain

Deadline for manuscript
submissions:

18 September 2024

Message from the Guest Editors

As we know, implementation of renewable energy is of crucial importance to achieve sustainable development. Of all the clean energy, solar energy is the most mature technology and the most widely used due to its low production and installation costs. Although achievements made, progress is still needed on how to apply solar energy to manage the environmental and societal challenges ahead, including efficiency, solar equipment recycling, and the storage of surplus energy produced.

As to recycling, the environmental impact of solar equipment is a widely studied topic. The data used in the Life Cycle Analysis (LCA) methodology cover all relevant process steps/technologies during the life cycle. From an LCA perspective, recycled materials are considered at the end of their life cycle, which also includes waste disposal.

The aim of this Special Issue is to present and compile the latest developments in the utilization of solar energy systems, which involves the technological innovations, applications and developments, as well as energy policies and new factors for the management of solar power systems. You can find more details in the following link.

mdpi.com/si/120811



mdpi.com/si/120811

Special Issue



an Open Access Journal by MDPI

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

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.

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](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)