Special Issue

Photovoltaic Solar Energy Utilization

Message from the Guest Editors

Photovoltaic systems are an important renewable energy source that can provide green energy supply and reduce environmental damage. Effectively improving the efficiency of photovoltaic systems in using solar energy will improve their economic benefits, expand their supply and the application fields. It is of great help to the development of high civilization and the maintenance of the earth's ecology. This Special Issue will invite experts and scholars from all over the world to publish their research results on improving the use of photovoltaic systems and solar energy. Research areas may include (but not limited to) the following:

- Design of photovoltaic systems, such as groundmounted PV systems, rooftop PV systems, building integrated PV systems, vehicle-integrated PV systems, road-integrated PV systems, urban PV systems, floating PV systems, agrivoltaic systems, fish and electricity symbiotic systems, etc.
- Improvement of photovoltaic system efficiency,
- Energy storage systems,
- Maintenance of photovoltaic system,
- Intelligent monitoring of photovoltaic system,
- Diagnostic and evaluation of photovoltaic system,
- Sunlight energy utilization.

Guest Editors

Dr. Yeu-Long Jiang

Prof. Dr. Kuei-Hsiang Chao

Dr. Chia-Hua Huang

Dr. Jay Lin

Deadline for manuscript submissions

closed (20 March 2024)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/166870

Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sustainability@mdpi.com

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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

