



Solar Power Technology for Electricity Generation

Guest Editor:

Dr. Weidong Huang

Department of Environmental
Science and Engineering,
University of Science and
Technology of China, Hefei
230026, China

Deadline for manuscript
submissions:

closed (10 January 2024)

Message from the Guest Editor

Modern human civilization is based on energy, especially electric energy. At present, electric energy production relies heavily on fossil fuels, and there are huge problems, including resource depletion and environmental pollution. It is urgent to develop new energy sources. Solar energy is the most abundant energy source, and the solar energy reaching the Earth's surface is 10,000 times of the energy consumed by human beings at present. Developing solar power generation technology is an indispensable technology to solve the future energy supply of human beings.

We are inviting submissions to the Special Issue on Solar Power Technology for Electricity Generation, including various related technology and science, application and environmental and economic influence, especially recent advances for both theoretical and experimental studies, as well as comprehensive review and survey papers.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)