



energies



an Open Access Journal by MDPI

Advances in Solar Photovoltaic Power Generation

Guest Editors:

Dr. Jun Wang

Key Laboratory of Solar Energy
Science and Technology in
Jiangsu Province, Southeast
University, No 2 Si Pai Lou,
Nanjing 210096, China

Dr. Zhongyuan Su

Key Laboratory of Solar Energy
Science and Technology in
Jiangsu Province, Southeast
University, No 2 Si Pai Lou,
Nanjing 210096, China

Deadline for manuscript
submissions:

closed (20 June 2023)

Message from the Guest Editors

This Special Issue is designed to cover technical issues in advanced solar photovoltaic power generation, power generation forecasting, integrated energy applications, impact on sustainable development, and use of big data in the energy sector. The guest editorial team is soliciting original research papers addressing, but not limited to, the following energy system issues:

- Energy and low-carbon transitions
- Solar energy grids and smart microgrids
- Solar energy utilization policy and social impact
- Integrated solar energy buildings and applications
- Data trading platform design for solar energy systems
- Detailed life cycle assessment of solar energy utilization
- High-efficiency energy storage and conversion technology
- Applications of solar energy measurements, assessments, and forecasting methods
- Big data collection and application system design for photovoltaic power station



mdpi.com/si/128692

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)