Special Issue

Solar Hybrid Power Systems II

Message from the Guest Editors

The Special Issue aims to collect innovative solutions and experimental research supported by appropriate modeling and design, but also state-of-the-art studies, in the following topics:

- Advanced solar hybrid configurations based on solar energy sources: photovoltaic cells and panels—PV, solar thermoelectric generators—STEG, and solar thermal collectors—STC;
- Innovations for Solar hybrid power systems—PVT, PV wind, and hybrid storage systems;
- Solar hybrid power systems in concentrated light;
- Modeling and simulation of solar hybrid power systems;
- Innovative applications of the solar hybrid power systems for small-scale (energy harvesting);
- Methods to calculate the electrical and thermal parameters of solar hybrid power system components in different work conditions;
- Solar hybrid power system management using modular multilevel converters;
- Reliability and feasibility studies and consideration of critical issues encountered in solar hybrid power systems;
- Grid integration of solar hybrid power systems;
- Solar hybrid power system trading market and energy policy;
- Energy management and control strategies;
- Maximum power point tracking techniques.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2021)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/85641

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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.

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