Special Issue

Recent Advances in Solar Energy Collectors: Models and Applications

Message from the Guest Editor

The aim of this Special Issue is to invite researchers to publish your recent experimental and numerical research in the field of renewable energy technologies. Topics of interest for the Special Issue include but are not limited to the following:

- Thermal solar energy
- Energy conversion and efficiency
- Thermal energy storage
- Power converter technologies
- Solar collectors and concentrators
- Aerodynamics and hydrodynamics
- Fluid–solid interactions
- Heat transfer and thermal energy
- Heat exchanger design and other applications
- Modeling and characterization of solar energy material
- Modelling and simulation of the photovoltaic cells and panels
- Methods, algorithms, and circuits for PV system
- New techniques for the characterization of large-area PV fields
- Concentrating photovoltaics
- Cooling techniques of PV modules
- Wind Energy
- Renewable energy exploitation and environment
- Hybrid renewable energy technologies
- Hydrogen and fuel cells
- Biomass conversion

Guest Editor

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Deadline for manuscript submissions

closed (20 November 2021)

Energies

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Impact Factor 3.2
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mdpi.com/si/88366

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About the Journal

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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