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## Recent Advances in Solar Energy Collectors: Models and Applications

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Deadline for manuscript  
submissions:

**closed (20 November 2021)**

### Message from the Guest Editor

Dear Colleagues,

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



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# Special Issue



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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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