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Energy Performance of Photovoltaic Modules and Systems

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submissions:

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Message from the Guest Editors

Dear Colleagues,

As the demand for solar photovoltaic (PV) energy continues to increase, the performance of PV cells/modules/systems has become an important part of the PV industry. The efficiency of solar cells and PV modules has significantly improved over the past few decades. However, there is still room for further improvement in the PV energy output performance, especially in PV modules consisting of various PV module components, such as encapsulants, backsheets, glass, etc. This Special Issue aims to gather the latest research and developments in this field and to bring together leading experts to share their findings.

Topics of interest for publication include, but are not limited to:

- Performance optimization of photovoltaic modules and/or systems.
- Novel PV module materials and manufacturing techniques.
- PV module reliability, durability, and degradation analysis.
- Advanced design and modelling of photovoltaic modules.
- Advanced characterization and testing methods for photovoltaic modules.



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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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