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Energy Performance and Application Possibilities of Photovoltaic Modules

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Message from the Guest Editors

The fight for the natural environment is associated with the constant search for new or improved existing systems for obtaining renewable energy sources (RESs). This involves interdisciplinary research in chemistry, physics, materials engineering, electricity, energy grids, energy system design, and energy policy. It is important to search for new material and application solutions for the already-existing elements in order to use them as effectively as possible in the process of converting solar energy into electricity.

This Special Issue covers the following topics:

- bifacial modules;
- DSSC modules;
- building-integrated photovoltaics (BIPV);
- connection of photovoltaic systems with wind turbines or energy storage in order to improve the parameters of the energy network;
- photovoltaic thermal (PV/T) systems;
- solar trackers;
- physical and chemical properties of PV cells;
- improving the connectivity of PV cells.

Deadline for manuscript
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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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