Special Issue

New Trends in Photovoltaic Power System

Message from the Guest Editors

Photovoltaic (PV) systems have seen significant growth in global energy production over the past decades. Actual projections suggest it could exceed 10% of global electricity generation by 2030. Moreover, the PV system industry is evolving rapidly with new technologies, strategies, and innovations aimed at improving efficiency, reducing costs, and making solar energy more sustainable. Some key trends shaping the future of PV systems include the following: -Bifacial solar panels;
-PV modules;
-Solar tracking systems;
-PV and artificial intelligence (AI);
-Hybrid solar systems;
-Agri-Voltaics;
-Floating photovoltaics. This Special Issue aims to collect original research or review articles on new trends in PV power systems from an applied point of view.

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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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