Special Issue

Advances in Forecasting Technologies of Solar Power Generation

Message from the Guest Editor

In the energy transition we are undergoing, solar power generation is one of the world's major powers for our decarbonization. Having intelligent systems adapted to the energy needs of communities is an obvious necessity. To optimize this change, this Special Issue proposes new trends and advances to develop new technologies related to power generation. New developments, new concepts, and future trends will be welcome to achieve hybridization and conceptualize the energy of the future. Solar energy, energy from biomass, and new individual or hybridized concepts may be key to the future. The generation of electricity from the sun has many connotations and forms of realization. Energy management also goes from production itself to storage and transport. This combination of elementary processes must continue to evolve, so improvements and innovations are needed. Therefore, tentative manuscripts related to scientific progress in power generation and its management are accepted in this new framework. Resource assessment, design, modeling, implementation, system control, and tuning will interest this journal.

Guest Editor

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Deadline for manuscript submissions

25 February 2026

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/235748

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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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