Special Issue

Novel Research on Renewable Power and Hydrogen Generation

Message from the Guest Editor

This Special Issue aims to present novel research outputs and disseminate the most recent advances related to the theory, design, control, modelling, simulations, operations, materials, application, business models, case studies on renewable power and hydrogen generation. Topics of interest for publication include, but are not limited to, the following:

- Integration of renewable sources to generate power, hydrogen or for multi-objective applications.
- Hybrid/integrated energy systems for power and hydrogen generation.
- Renewable power and hydrogen applications in all industrial sectors.
- Materials for energy harvesting and storage.
- Materials for hydrogen generation and storage.
- Grid and off-grid integration of renewable energy technologies for power and hydrogen generation.
- Distributed renewable energy technology business models.
- Manufacturing renewable energy technologies.
- Risk management of renewable energy systems.
- Optimal design and sizing methodologies.
- Advanced modelling approaches.
- Zero emissions in the total lifecycle of renewable energy technologies.

Guest Editor

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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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