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Modeling and Optimization of Renewable Energy Technologies in Sustainable Energy Systems

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closed (26 March 2024)

Message from the Guest Editors

The aim of this Special Issue is to investigate the modeling and optimization of renewable energy technologies in sustainable energy systems. We invite researchers and experts from academia and industry to contribute their original research work, innovative methodologies, and case studies in this field to this special issue.

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

- Modeling and simulation of sustainable energy systems including real-time models;
- Energy storage technologies and control of sustainable energy systems;
- Demand response and management strategies for sustainable energy systems;
- Sustainable energy systems control and operation;
- Photovoltaic power and wind power generation forecasting.

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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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