

Special Issue

Optimization and Integrated Design of Sustainable and Renewable Energy Systems

Message from the Guest Editor

This Special Issue aims to gather together original research and review articles regarding the optimal integration and coupling of sustainable and renewable energy systems, thereby providing a communication platform for the latest technology advancements, in-depth mechanisms, and future research directions in this sector. Topics within the scope of this Special Issue include but are not limited to the following:

- Integrated renewable energy systems;
- Multiple energy complementary;
- Integrative energy networks;
- Design optimization and system integration;
- Control optimization and optimal energy dispatching;
- Applications and field tests;
- Energy flexibility and demand-side management;
- Intelligent and data-driven energy management strategies;
- Energy or exergy flow analysis;
- Life cycle analysis or economic assessment;
- Environmental benefit evaluation and carbon footprint analysis.

Guest Editor

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About the Journal

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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