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Modeling, Optimization and Techno-Economic Analysis of Energy Systems

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to collect innovative research on state-of-the-art energy system modeling, simulation, techno-economic analysis, optimization, implementation, and validation from system components to complex integrated energy systems. There is particular interest in advanced algorithms, recent theoretical developments, novel applications, target case studies, innovative business models, and extensive reviews focused on, but not limited to, the following topics:

- energy systems modeling
- energy systems optimization
- techno-economic analysis
- integrated energy systems
- sector coupling
- energy storage
- renewable energy systems
- machine learning

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Guest Editors



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Special Issue



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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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