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Smart Energy Systems: Learning Methods for Control and Optimization

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Deadline for manuscript
submissions:

31 May 2024

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the application of learning methods for the control and optimization of smart energy systems, which incorporate a wide range of technologies such as renewable energy sources, distributed energy resources, smart grids, smart energy infrastructures, energy storage systems, electric vehicles, and demand response. Through the integration of these technologies, the system can balance energy supply and demand, reduce energy waste, and increase energy efficiency, moving to future renewable and sustainable energy solutions.

The potential authors are encouraged to contribute to all aspects related to smart energy and sustainable energy systems. The covering of relevant up-to-date learning methods of machine learning, deep learning, reinforcement learning, and evolutionary algorithms will bring new outcomes in the development of smart energy systems control and optimization.

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Guest Editors



mdpi.com/si/170764

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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Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

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