Special Issue

Policy and Economic Analysis of Energy Systems

Message from the Guest Editor

The integration of Machine Learning (ML) and Artificial Intelligence (AI) across various industries has ushered in a new era driven by data, and the energy sector is no exception. The application of AI and ML in energy systems holds vast potential to accelerate the energy transition, creating a sophisticated coordination layer across energy generation, transmission, and consumption. These technologies can lead to significant cost reductions, enhanced performance, increased efficiency, and improved coordination and management of energy resources. In addition to technological advancements, economic analysis plays a crucial role in understanding and optimizing the impact of AI and ML on the energy sector. This Special Issue focuses on both the policy and economic aspects of energy systems, emphasizing the transformative role of AI and ML. We invite submissions that explore innovative AI and ML applications, addressing various aspects of energy systems along with their economic implications. It is recommended to send a tentative title and a short summary of the manuscript to Energies Editor Ms. Cicilia.

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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