Special Issue

Recent Advances in Artificial Intelligence and Computational Methods in Energy Storage Systems and Other Systems

Message from the Guest Editors

Energy storage devices and systems can store excess energy from renewable sources and release it when needed, but they pose significant challenges related to their safe and reliable operation. Artificial intelligence and computational methods can help us model and analyze various thermal/electrical energy systems based on energy storage with high accuracy and optimize their performance under various operating conditions. This Special Issue aims to provide the latest advances in artificial intelligence and computational methods for predicting and optimizing energy storage devices and systems; additionally, it will be a platform that is fully within the scope of this journal where researchers can come together to discuss the latest research and to develop new ideas and research directions. This Special Issue focuses on the application of artificial intelligence and computational methods for predicting and optimizing energy storage devices and systems, which are essential for ensuring sustainable energy management in today's era of rapid economic development.

We invite researchers to submit any original types of submissions that are relevant to this theme.

Guest Editors

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Deadline for manuscript submissions

closed (28 May 2024)

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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.

Editor-in-Chief

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