Special Issue

Energy Consumption Forecasting Using Machine Learning

Message from the Guest Editor

Energy is vital to the development of any country. In recent decades, as living standards have risen, the global energy demand has increased exponentially, and the problem of energy shortages has become increasingly apparent. Therefore, an excellent energy supply management solution is essential. Energy supply management is based on region-specific forecasts of demand. Therefore, in this Special Issue, we would like to analyse the potential of using machine learning, especially deep learning models, and their improvement using statistical learning methods for energy forecasting. The main challenge in energy forecasting is related to electricity data forecasting, but it can also concern green energy sources.

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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