Special Issue

Data Science and Big Data in Energy Forecasting

Message from the Guest Editors

This Special Issue focuses on the forecasting of time series, with particular emphasis on energy-related data by means of data science (DS) and big data (BD) techniques. By energy, we understand any kind of energy, such as electrical, solar, microwave, wind, etc.

Very powerful approaches have been developed in the context of DS and BD during the last years. With them, automated machine learning methods for extracting relevant patterns, HPC or data visualization are being successfully applied to energy time series forecasting nowadays.

For all the aforementioned, we encourage researchers to share their original works in the field of energy time series forecasting. Topics of interest include, but are not limited to:

1. DS & BD in energy time series analysis.
2. DS & BD in energy time series modelling.
3. DS & BD in energy-related time series forecasting.
4. DS & BD in non-parametric time series approaches.

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About the Journal

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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