Special Issue

Renewable Energy Forecasting by Computational Intelligence and Big Data

Message from the Guest Editors

This special issue calls for papers focusing on the solutions to leading edge problems for renewable energy forecasting through bringing big data, innovative modelling and in-depth analysis. We welcome the papers addressing the specific characteristics of renewable energy such as the intermittent pattern in generation, the specific forecasts in various area-based scenarios such as university campus, industrial zone, and the case studies either in the operation of wind farm, or best industrial practice in forecasting system development. Topics of interest for publication include but are not limited to the following:

- New computational framework incorporating big data and computational intelligence
- Big data Analytics facilitating the forecasting models
- Forecasting models of the intermittent generation of renewable energy
- Forecasting models in renewable energy market
- Area-based scenarios of renewable energy forecasting
- Forecasting support systems for renewable energy
- Case studies on renewable energy forecasting
- Other energy forecasting models combing CI and big data

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2023)

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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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