Special Issue

Neural Computation and Applications for Sustainable Energy Systems (II)

Message from the Guest Editors

This Special Issue is focused on the application of neural computation techniques to renewable power system operations, such as time-series energy forecasting, renewable energy markets, energy storage systems (ESS), microgrids, and distribution networks. Possible submissions are not limited to these topics, and papers related to intelligent methods of sustainable energy systems are also welcome. Potential topics include, but are not limited to, the following:

- Applications of intelligent methods to smart grids;
- Energy management in photovoltaic plants that makes use of neural predictions;
- Intelligent energy management in wind farms;
- Optimal energy dispatch management using neural network (intelligent) predictors;
- Optimal management of various renewable energy sources;
- Cloud-based energy management in intelligent smart grids.
- Intelligent IoT systems applied to renewable energy systems;
- Hardware and software implementation of intelligent energy management systems;

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)

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