Special Issue

Machine Learning Applied in Energy Storage Systems

Message from the Guest Editors

The Editors of this Special Issue welcome submissions that address the following non-exhaustive list of issues:

- Machine learning;
- Artificial Neural networks;
- Fuzzy Systems;
- Nature-inspried metaheuristics;
- Convolutional neural networks;
- Deep learning;
- Feature selection;
- Clustering;
- Classification;
- Signal processing;
- Reinforced learning;
- Supervised/unsupervised learning;
- Swarm intelligence;
- Evolutionary algorithms;
- Flow battery;
- Rechargeable battery;
- Ultrabattery;
- Li-ion;
- Capacitor;
- Supercapacitor;
- Superconducting magnetic energy storage (SMES);
- Water reservoir;
- Hydrogen storage;
- Brick storage heater;
- Thermal energy storage;
- Ice storage air conditioning;
- Steam accumulator;
- Seasonal thermal energy storage;
- Compressed air energy storage (CAES);
- Flywheel energy storage;
- Gravitational potential energy;
- Hydraulic accumulator;
- Pumped-storage hydroelectricity.

Guest Editors

Prof. Dr. Hugo Valadares Siqueira

Prof. Dr. Fernanda Cristina Corrêa

Prof. Dr. Thiago Antonini Alves

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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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