



## Design, Optimization and Applications of Energy Storage System

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue provides a platform for publishing and sharing novel, inspiring, and promising research on energy storage systems. Topics of interest include but are not limited to the following:

- Electrochemical energy storage, i.e., battery, flow battery, flexi battery, etc.
- Thermal energy storage, i.e., sensible, latent, thermochemical, etc.
- Mechanical energy storage, i.e., pumped hydro, compressed air, flywheels, etc.
- Chemical energy storage, i.e., hydrogen, synthetic natural gas storage, etc.
- Electrical energy storage, i.e., electrostatic, capacitor, supercapacitors, etc.
- Hybrid storage system.
- Modelling and experimentation.
- Optimization and control strategies.
- Applications, i.e., heating, cooling, power generation, hydrogen, etc.
- Life cycle costing and life cycle assessment analysis.
- Energy, exergy, economic, and environmental analysis.





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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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