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Heat Transfer Analysis and Optimization in Thermal Energy Storage

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Deadline for manuscript submissions: **27 January 2025**

Message from the Guest Editors

Dear Colleagues,

The Guest Editors are inviting submissions to a Special Issue of *Energies* on the subject area of "Heat Transfer Analysis and Optimization in Thermal Energy Storage".

This Special Issue aims to deal with novel analysis and optimization studies for thermal energy storage-related devices and systems. Topics of interest for publication include, but are not limited to:

- Thermal energy storage analysis method;
- Experimental and numerical studies on thermal energy device design and optimization;
- Topology optimization of energy storage devices;
- Novel thermal energy storage materials development, characterization, and preparation;
- Heat transfer in thermochemical energy storage technology;
- Renewable energy utilization and thermal energy storage;
- Energy system dispatch optimization considering thermal energy devices;
- Thermal management of electronic devices and batteries with thermal energy storage;
- Machine learning methods in thermal energy storage.





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Message from the Editor-in-Chief

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