Advanced Mathematical Modeling Technology for Heat Storage and Conversion Systems

Message from the Guest Editors

The topics of interest in this Special Issue include different advanced mathematical methods and models used for simulation of heat storage, and conversion systems applied both in the conventional and renewable energy areas.

- mathematical modeling of heat storage units
- dual-media heat storage units
- hot liquid storage tanks with a stratification
- phase change materials
- electrically heated heat accumulators—conventional and dynamically discharged accumulators
- heat accumulation in the ground

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Deadline for manuscript submissions

closed (15 December 2022)

About the Journal

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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