

Special Issue

New Trends in Thermal Energy Storage: Materials and Technologies

Message from the Guest Editor

In this Special Issue, dedicated to new trends in thermal energy storage technologies, original research papers, as well as reviews, are welcome. The aim is to collect contributions on sensible, latent, and thermochemical heat storage systems and materials, employed at low, medium, and/or high-temperature TES for heating and cooling. Studies on waste heat recovery technologies are also appreciated. In such a context, particular consideration will be given to research development in order to increase the applicability of TES technology. This Special Issue will provide the scientific community with a thorough overview of current research on innovative thermal energy storage materials and systems and their application fields.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2022)



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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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