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Thermal Energy Storage (TES) and Its Applications

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Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

The Guest Editor is inviting submissions to a Special Issue of *Energies* on the subject area of “Thermal Energy Storage (TES) and its Applications”. TES is a key technology contributing to the reduction of greenhouse gas emissions and therefore global warming. TES systems store energy which is then utilized at a later stage to overcome the mismatch between energy generation and energy demand. Different TES technologies must be properly matched with systems in order to be effective.

Topics of interest for publication include, but are not limited to:

- Sensitive Thermal Energy Storage technology
- Latent Thermal Energy Storage technology
- Thermochemical Thermal Energy Storage technology
- Environmental impact of TES over the life cycle of the system
- Social Impact of systems incorporating TES components
- Management methods and optimization of the energy stored in TES systems
- TES applications in systems.



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Special Issue



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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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