Special Issue

Solar Thermal Energy Storage and Heating Systems

Message from the Guest Editor

This Special Issue aims to gather the latest research findings in this field, explore innovative solutions, promote knowledge sharing and technological exchange, and advance the development of solar thermal energy storage and heating systems. The topics of interest for this Special Issue include the following:

- Thermal Energy Storage Technologies: Evaluation of different solar thermal energy storage systems.
- Solar Thermal Conversion Efficiency: Advances in technologies for converting solar thermal energy into electricity and heat, and their integration into existing energy systems.
- System Integration and Optimization: Effective integration of solar thermal systems with other heating networks.
- Application Research: Practical case studies of solar thermal energy storage systems.
- Policy and Economic Analysis: Assessments of policy support, market dynamics, and their role in promoting technological applications in the field of solar thermal energy across various regions.

We welcome contributions from the solar energy research community to tackle the challenges of climate change and pave the way for a zero-carbon future.

Guest Editor

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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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