

Special Issue

Advanced Solar Thermal Technology

Message from the Guest Editors

The aim of this Special Issue is to showcase the advances in Solar Thermal Technology in terms of theoretical, experimental and economic studies and to provide a deeper understanding of contemporary trends. Topics of interest for this publication include, but are not limited to:

- Solar thermal collectors (materials, heat transfer fluids, absorber technology, design, performance analysis)
- Solar thermal systems for heating, cooling and/or steam production
- Compact thermal energy storage (phase change materials, tank design)
- Smart control systems, real-time monitoring
- Hybridisation of solar thermal systems with biomass, heat pumps and/or other technology as a holistic solution for the heating and cooling loads
- Case studies of innovative applications
- Environmental footprint of solar thermal collectors and systems
- Solar thermal systems use in district heating, energy cooperatives, ESCOs

Creative extensions of the abovementioned topics are also welcome.

Guest Editors

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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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