Special Issue

Recent Advances in Solar Cooling Technologies and Energy Conversion

Message from the Guest Editors

This Special Issue seeks to showcase and distribute cutting-edge advancements in the theory, design, modeling, application, control, and condition monitoring of various aspects of solar cooling and energy conversion technologies. The scope for publication encompasses, but is not restricted to, the below topics:

- Enhanced absorption chillers.
- Hybrid solar PV and absorption cooling systems.
- Thermal energy storage innovations.
- Next-generation concentrated solar power (CSP).
- Advanced control and monitoring systems such as heat exchangers, absorbers, and reflectors, tailored for enhanced performance.
- Novel materials and components for enhanced performance and durability in solar cooling and energy conversion systems.
- Economic and environmental assessments.

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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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