Special Issue

Solar Cooling Technologies and Applications

Message from the Guest Editor

The latest developments in solar cooling technologies have a great potential since the cooling demand and, thus, the electricity demand have increased drastically. Relying on solar energy to produce cooling is a very important issue in developing sustainable energetic systems. This Special Issue focuses on technologies and applications designed to maintain indoor comfort and air quality while saving conventional sources of energy by using solar-assisted systems. Research studies concerning solar cooling technologies, including high-temperature thermal storage tanks for solar cooling, solar thermal or photovoltaic cooling systems, performance calculations, technical, environmental, and economic aspects, are welcome. Researchers are warmly invited to contribute to this Special Issue and constructively disseminate their results.

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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