Special Issue

Solar Heating and Cooling 2019

Message from the Guest Editor

In recent times, there has been a renewed interest in the use of solar energy as a source of thermal energy. Despite the advances made in harnessing solar thermal energy, there is still an imbalance between when solar heating is available and when it is required. However, if this heat is used in thermally driven refrigerators, air-conditioners, and cooling systems, the aforesaid imbalance can foreseeably be corrected. In achieving this outcome, there are a number of challenges, including the development of medium and high temperature solar collectors to drive these systems, smaller scale cooling machines, and innovative and efficient cooling devices and cycles. Given the potential for solar thermal cooling systems in the future, this Special Issue will explore some recent advances that have been made in the field of solar heating and cooling and their applications.

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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