

Special Issue

Advances in Solar Thermal Collectors and Systems: Technological, Efficiency, Energy Storage and Applications

Message from the Guest Editors

The present Special Issue (SI) is dedicated to the investigation of Solar Thermal Collectors and Systems in terms of performance (thermal and optical), applications, energy storage and technological advances. This SI will open new gates in the field of Solar Thermal Systems, by giving the opportunity to researchers to propose novel methods, theories and systems considering the environmental impact and the need for long-term sustainability.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

1) Thermal and optical analysis of Solar Thermal Collectors; 2) Solar Thermal Collectors applications; 3) Energy storage in Solar Thermal Systems; 4) Solar Cogeneration Technology; 5) Enhancement technics in Solar Thermal Collectors; 6) Simulation of Solar Thermal Collectors and Systems; 7) Experimental investigation of Solar Thermal Collectors; 8) Concentrating Solar Thermal Collectors; 9) Asymmetric Compound Parabolic Collectors; 10) Solar receiver optimization; 11) PVT hybrid solar collectors

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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