



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

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closed (30 June 2024)

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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Message from the Editor-in-Chief

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