

Special Issue

Thermal Energy Storage Using Nano Phase Changing Material for Solar Energy Systems

Message from the Guest Editors

The purpose of this special issue is to explore the opportunities in filling the gaps in the synthesis and application of Nano PCMs for different solar energy systems. The original research and review articles that are intended to address the thermal energy storage issues of solar energy systems using Nano PCM are highly welcomed. Research areas may include (but are not limited to) the following:

- Synthesis and characterization of Nano PCM for solar energy applications.
- Thermal and stability analysis of the nano phase change materials.
- Performance improvement of solar thermal systems using Nano PCM.
- Numerical studies on solar energy systems using Nano PCM.
- Optimization of solar energy systems using Nano PCM.
- Thermal management of solar PV systems using Nano PCM.
- Performance improvement of solar PV/T systems using Nano PCM.
- Energy, Exergy, Environmental and Economic analysis of solar energy systems using Nano PCM.

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Message from the Editor-in-Chief

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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