

Special Issue

Phase-Change Materials: Solutions and Technologies for Thermal Energy Storage

Message from the Guest Editors

This Special Issue will provide a scientific forum for sharing recent advances and innovations in both theoretical and experimental analysis, as well as applications, syntheses and characterizations of phase-change materials. In addition to original research articles, it will contain invited papers and reviews that will provide new insights for future research. Topics covered can include, but are not limited to:

- Thermal energy storage technologies and applications involving phase-change materials;
- Calculations and simulations;
- Material synthesis and characterization;
- Encapsulation and shape stabilization of phase-change materials and related issues;
- Thermal conductivity and compatibility issues in phase-change material applications;
- Fundamentals of phase-change materials.

Furthermore, cross-disciplinary research and development studies will also be most welcomed.

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About the Journal

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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