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Phase Change Materials and Thermal Energy Storage Systems

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to present and disseminate the most recent advances related to the theory, design, modeling, and application of all kinds of phase change materials and all types of thermal energy systems.

Topics of interest for publication include, but are not limited to:

- All aspects of phase change materials and thermal energy storage systems.
- New phase change materials.
- Phase transition enhancement theory and techniques.
- The design and application of thermal energy storage systems.
- Life cycle assessment of thermal energy storage systems.
- Performance analysis of thermal energy storage systems.
- Latent and sensible heat storage.
- The thermal conductivities improvement of phase change materials.
- Heat and mass transfer and fluid flow in thermal energy storage systems.
- The evaluation and optimization of thermal energy systems.
- The modeling of thermal energy storage systems.



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Dr. Jiangwei Liu
Guest Editor

Special Issue



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Message from the Editor-in-Chief

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