Special Issue

Phase Change Materials for Building Energy Applications

Message from the Guest Editors

Are you passionate about advancing sustainable building solutions and combatting climate change? Buildings account for over 30% of global energy consumption and a staggering 40% of greenhouse gas emissions. But fear not! There's a game-changing technology that can make a significant impact—Phase Change Materials (PCMs). **What are PCMs?** PCMs are materials that can store and release thermal energy during phase transitions. They hold the key to unlocking a greener future for buildings! **The Potential of PCMs:** Improve Building Energy Efficiency; Boost HVAC Equipment Performance; Enhance On-Site Renewable Energy Systems; Reduce Peak Loads; Enhance Indoor Environment Control. **We Want Your Research!** Share your latest experimental, theoretical, and numerical findings on the energy applications of PCMs in buildings. Let's work together to create innovative solutions for global energy and climate challenges! Don't miss this opportunity to be at the forefront of groundbreaking research in energy-efficient buildings. Act now and make a difference!

Guest Editors

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Deadline for manuscript submissions

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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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