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Phase Change Materials for Building Energy Applications

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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!

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Message from the Editor-in-Chief

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