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Phase Change Materials (PCMs) for Heat Storage in Building Applications

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Deadline for manuscript
submissions:

closed (13 January 2022)

Message from the Guest Editors

Dear Colleagues,

We are inviting submissions to a Special Issue of *Energies* on the subject area of “Phase Change Materials (PCMs) for Heat Storage in Building Applications”. This Special Issue will deal with formulations of PCMs, their properties and their applications in both heating and cooling plants and building construction materials. Topics of interest for publication include, but are not limited to the following:

- PCMs materials, also with nanostructures (NEPCMs)
- Thermal and physical properties of PCMs and NEPCMs
- Heat transfer
- Technologies to apply PCMs (e.g., microencapsulation, embedding in construction materials, etc.)
- Applications of PCMs in buildings (construction materials (passive), thermally activated constructions, glazing and shading devices, combined with ventilation and air-conditioning)
- Heat storage and renewable energy systems
- Energy analysis

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Guest Editors



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Special Issue



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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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