Special Issue

Advances in PCMs as Thermal Energy Storage in Energy Systems

Message from the Guest Editors

This Special Issue focuses on all aspects of PCM applications in buildings, in particular innovative PCMs, advances in modelling and analysis, and the design of PCM-based systems for building services and operations. Potential topics include, but are not limited to:

- Development of advanced PCM products for building applications;
- Design and integration of PCMs in building envelopes and/or services (HVAC, refrigeration, electricity supply, cold and hot water supply, façade design, etc.);
- Potential assessment of PCM storage systems in demand-side management strategies;
- Numerical modelling and experimental evaluation of PCM systems in buildings;
- Life cycle assessment, economic analysis, and safety evaluation of PCM storage systems in building applications.

You are welcome to submit your recent research studies or relevant state-of-the-art reviews on PCM applications in buildings. We look forward to your contribution.

Guest Editors

Dr. Behzad Rismanchi

Department of Infrastructure Engineering, Faculty of Engineering and IT Engineering Block C, Building 174, The University of Melbourne, Melbourne, VIC 3010, Australia

Dr. Seyedmostafa Mousavi

Department of Infrastructure Engineering, Faculty of Engineering and IT Engineering Block C, Building 174, The University of Melbourne, Melbourne, VIC 3010, Australia

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Thermo
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
thermo@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Thermo (ISSN: 2673-7264) is an international, peer-reviewed, and open access journal that publishes original research papers, reviews, and Special Issues dealing with experimental, theoretical, and applied thermal sciences. Both theoretical (simulation) and/or experimental research papers within our journal's scope are of particular interest, including satellite-related topics considering thermophysics, solubility phenomena, chemical thermodynamics, and chemical engineering. We encourage scientists to publish their results in as much detail as possible, and there is no restriction on the maximum length of papers. We greatly appreciate suggestions for enhancing the journal.

Editor-in-Chief

Prof. Dr. Johan Jacquemin
Materials Science, Energy, and Nano-Engineering MSN Department, Mohammed VI Polytechnic University, Lot 660, Hay Moulay Rachid, Ben Guerir 43150, Morocco

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