



## Phase Change Materials: Design and Applications—Volume II

Guest Editor:

**Dr. Ioannis Kartsonakis**

Physical Chemistry Laboratory,  
School of Chemistry, Aristotle  
University of Thessaloniki,  
Thessaloniki, Greece

Deadline for manuscript  
submissions:

**closed (29 February 2024)**

### Message from the Guest Editor

The first Special Issue on “Phase Change Materials: Design and Applications” was a great success, with a total of 10 papers accepted for publication. We have therefore decided to extend the opportunity to other researchers who were not able to submit their work to this Special Issue, and it is with this in mind that we are extending this invitation to the Phase Change Materials scientific community to submit your papers to this volume, which is devoted to some of the topics of Volume I as well as new ones.

This Special Issue aims to attract all researchers working in this research field and will collect new findings and recent advances on the development, synthesis, structure–activity relationships, and future applications of PCMs. Research manuscripts and a limited number of review manuscripts are encouraged in the following areas:

- Building/construction
- Energy/thermal storage
- Environmental effects
- Fuel cells/Batteries
- Recycling
- Solar energy utilization
- Structure–properties relationship
- Sustainable energy and engineering systems



[mdpi.com/si/110403](https://mdpi.com/si/110403)

Dr. Ioannis Kartsonakis

*Guest Editor*



an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/Applsci)