

Special Issue

Life-Cycle Assessment of Energy Storage in Building Applications

Message from the Guest Editors

This Special Issue aims to contribute to studying the sustainability, through LCA analysis, of the integration of different energy storage solutions applied to buildings. In particular, the main topic that this Special Issue should cover are:

- LCA of thermal energy storage materials integrated into building envelopes;
- LCA of energy systems buildings that integrates thermal energy storage (latent, sensible, thermochemical) and/or electrical energy storage (batteries, fuel-cells, supercapacitors, flywheels, etc.).

Research and reviews articles are therefore invited to be submitted to this Special Issue to contribute to and highlight the sustainable aspect of energy storage technologies.

Guest Editors

Prof. Dr. Luisa F. Cabeza
Dr. Emiliano Borri
Dr. Gabriel Zsembinszki

Deadline for manuscript submissions

closed (31 October 2021)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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