

Special Issue

Lifecycle Assessment of Building Materials, Components, and Techniques: Tools for Sustainability

Message from the Guest Editors

This Special Issue aims at showcasing the latest advancements in sustainable building materials and techniques, with a strong emphasis on LCA methodologies. The goal is to highlight innovative materials that can replace conventional options while maintaining, or even exceeding, current performance standards. This collection seeks to promote the integration of LCA into material development and decision-making processes in the construction industry. We invite contributions from researchers, practitioners, and policymakers specializing in LCA studies of building materials. Topics of interest include but are not limited to, the following: Comparative LCA studies of new and conventional building materials; Integration of LCA and performance assessments for materials and construction methods; Case studies and real-world applications of LCA in the building industry; Methodological advancements in LCA for construction materials; Building Information Modeling (BIM) integration with LCA for sustainability assessment. We look forward to your valuable contributions to this Special Issue and to advancing the discussion on sustainable building materials through rigorous LCA research.

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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

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