

Special Issue

Sustainable Building Materials and Life Cycle Assessment (LCA)

Message from the Guest Editors

Today, sustainability principles should be applied to all sectors, including construction, which ranks among the sectors with the most negative environmental impacts. Great emphasis should be placed on sustainable innovation in material research and technologies in close connection with climate change mitigation and the protection of natural resources. The Special issue is focused on building material development with the aim to extend the life of materials, improve their functional properties, develop targeted intelligent materials, and, in line with the circular economy, develop waste-based materials. A significant factor is how such building materials will be burdening the environment, and therefore, this Special issue also aims to provide the opportunity to present the results of environmental assessment of building materials and buildings through a wide range of LCA methods.

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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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