



Sustainable Buildings: Advances for Material Efficiency and Circular Economy in the Built Environment

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Deadline for manuscript
submissions:
closed (30 January 2022)

Message from the Guest Editors

Material consumption is greatly driven by the demand for construction materials, contributing to the climate emergency. Urgent measures are thus needed to reduce material consumption and/or associated carbon emissions.

This special issue aims to bring together authoritative commentary, step-change research, and evidence based recommendations to improve material efficiency and promote the circular economy in the construction sector in an environmentally beneficial manner. We hope that this Special Issue can provide a consolidated set of rigorous research into low carbon construction, material and components substitutions, end-of-life circularity and designing with reuse. The scope of this issue covers all aspects related to material sourcing, production, construction, renovation and maintenance, demolition and/or adaptive reuse, end-of-life reuse, and demolition waste recycling. Submissions may include material, component, building and/or territorial assessments, and recommendations from any aspects of sustainability, circularity, industrial ecology, symbiosis and/or metabolism. Novel contributions from materials science, and technology policy within this scope are also welcome.





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Editor-in-Chief

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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.

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