

Special Issue

Sustainable Mineral-Based Materials in Construction

Message from the Guest Editors

The construction sector has various environmental challenges, notably in terms of carbon emissions and the use of nonrenewable resources, with urgent calls to action to enhance wealth while safeguarding the environment. Minerals are essential building materials. The present amount of mineral-based materials used in new and existing infrastructure makes their replacement with alternative resources unfeasible. Innovative resource optimization solutions are needed to achieve sustainability. Such strategic research not only supports a lower environmental impact but also boosts the industry's competitiveness. The topic of this Special Issue is sustainable mineral-based materials for construction, which includes both low-carbon and circular approaches in the development and manufacturing of aggregates, binders, concrete, and other mineral building products.

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Deadline for manuscript submissions

closed (30 June 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/149231

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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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