

Special Issue

Sustainable Materials Selection in Civil Engineering Projects

Message from the Guest Editors

The construction industry substantially impacts worldwide environmental challenges, including greenhouse gas emissions, resource depletion, and waste generation. The growing demand for infrastructure necessitates the use of sustainable materials to mitigate environmental impacts while maintaining economic feasibility and engineering efficiency. The choice of sustainable materials presents a scientific and technical challenge, while also serving as a social necessity to meet global sustainability goals and address climate change.

This special issue aims to explore innovative tools, approaches, and frameworks for the sustainable selection of materials in civil engineering efforts. This issue will align with the journal's focus on sustainability in engineering by highlighting the need for authentic, research-backed solutions to advance sustainable infrastructure development. It seeks to encourage multidisciplinary discussion and improve understanding of how material choices might integrate environmental, economic, and structural demands.

Guest Editors

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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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