

## Special Issue

# Construction Materials for Sustainable Structures

### Message from the Guest Editors

The construction industry is one of the largest consumers of natural resources and energy and is responsible for a significant amount of carbon emissions. Construction materials are essential components of any structure, and their impact on sustainability can be significant. Sustainable construction materials are those that are responsibly sourced, are manufactured with minimal environmental impact, and have a long lifespan with low maintenance requirements. These materials can help to reduce the environmental impact of buildings by minimizing the depletion of natural resources, reducing energy consumption during construction and use, and minimizing waste and pollution. The aim of this Special Issue is to explore the developments and advancements in construction materials for sustainable structure. Original ideas and understandings of sustainable construction materials and structures, as well as renewable energy, are expected. Research regarding higher education in sustainable construction is also welcome. Papers that will create benefits for the green construction sector are encouraged.

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### Guest Editors

Prof. Dr. Yao Sun

Dr. Luigi Di Sarno

Dr. Oliver Kinnane

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### Deadline for manuscript submissions

closed (31 March 2024)



## Sustainability

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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. *Sustainability* publishes original research articles, review 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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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

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