

Special Issue

Advances in Sustainable Building and Construction Materials and Structures

Message from the Guest Editors

Due to accelerated global modernization and its deteriorated environmental values, sustainability has long been demanded and promoted in numerous aspects of construction industries. Contributions covering physical, experimental, theoretical, computational, or field studies that inspire new advances in the sustainability of construction areas, including those filling the gap between theories and applications are encouraged. In this Special Issue, both original research articles and reviews are invited. Research fields may include, but are not limited to, the following themes:

Recycling and repurposing waste material;
Sustainable materials and structures;
Eco-friendly materials and structures;
Innovative materials and structures;
High-performing materials and structures;
Energy-efficient materials and structures;
Waste-to-wealth;
Green construction;
Sustainable resource;
Renewable resource;
Prefab, modular, and industrialized constructions;
Circular construction;
Design for manufacture and assembly;
Intelligent model and computation;
Analysis, design, and optimization methods;
Building information modeling (BIM).

Guest Editors

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Deadline for manuscript submissions

closed (10 December 2023)



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About the Journal

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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