

Special Issue

Contemporary Paradigms for a 'Sustainable' Construction: Development of Design Strategies and Building Materials for Restoration, Reuse and Civil Engineering

Message from the Guest Editors

We are pleased to invite you to submit articles to the upcoming Special Issue on the interdisciplinary topic of sustainable construction. Newly designed buildings and the safeguard of the existing ones occupy a significant place in the global economy as well as representing a massive consumer base of raw materials and natural resources, generating about 39% of the world's carbon emissions, according to the World Green Building Council. Research topics may cover (but are not limited to) the following subjects: Interdisciplinary strategies for the effective sustainable design of new buildings or interventions;

The prototyping of innovative construction materials and techniques;

Eco-friendly materials for the structural and energetic retrofitting of heritage buildings;

Numerical strategies for ancient masonry buildings and infrastructures;

BIM applied to the management of heritage;

A critical analysis of virtuous real case studies involving art and architecture;

Interactions between reuse, restoration, and structural engineering;

Architectural quality intertwined with social and environmental ethics.

Guest Editors

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Deadline for manuscript submissions

closed (1 June 2025)



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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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