



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

Guest Editors:

**Prof. Dr. Stefano Galassi**

Department of Architecture  
(DiDA), University of Florence,  
Piazza Brunelleschi, 6, 50121  
Firenze, FI, Italy

**Dr. Riccardo Liberotti**

Department of Civil and  
Environmental Engineering,  
University of Perugia, 06125  
Perugia, Italy

Deadline for manuscript  
submissions:

**31 October 2024**

### **Message from the Guest Editors**

Dear Colleagues,

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





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)