



Disaster Analysis of Buildings and Infrastructure for Sustainable Interventions

Guest Editor:

Dr. Claudia Casapulla

Department of Structures for
Engineering and Architecture,
University of Napoli Federico II,
Via Forno Vecchio, 36–80134
Napoli, Italy

Deadline for manuscript
submissions:

closed (7 October 2023)

Message from the Guest Editor

Dear Colleagues,

Climate change, social implications and economic viability, as well as cross-sectoral building and energy relationships in buildings, heritage assets and cities, are part of the challenges facing the construction sector in the coming years, especially as economic losses attributable to natural hazards rise steadily. Relevant topics include, but are not limited to, the following areas:

- Life cycle-oriented building and infrastructure analysis, retrofit, and rehabilitation;
- Sustainable retrofitting solutions for buildings and infrastructures;
- Multi-disaster effect and vulnerability models;
- Disaster resilient built environment;
- Efficiency of low-impact interventions for heritage assets;
- Comparison of the effects of traditional and innovative strengthening systems;
- Energy saving in sustainable buildings and infrastructures;
- Experimental investigation and modelling of existing structures and their retrofitting solutions;
- Analytical and computational strategies for strengthening heritage buildings and bridges;
- Probabilistic, statistical, and machine learning-based methods;
- Structural vibration control technology and applications;
- Case.





sustain

IMPACT
FACTOR
3.9

CITESCORE
5.8

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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)