

Special Issue

Advances in Natural and Human Induced Hazard Resilient Infrastructures: Sustainable Materials, Structures and Safe Management

Message from the Guest Editors

This Special Issue of *Infrastructure* focuses on recent advances in materials, structural systems and management strategies that enhance the resilience, safety and sustainability of infrastructures and buildings. This issue emphasizes the role of innovative and sustainable materials in improving structural robustness, damage tolerance and rapid recoverability under extreme events, particular attention is given to multi-hazard scenarios. The Special Issue also highlights resilient design strategies for buildings that support societal continuity during and after crises. Integrated approaches combining structural engineering, risk assessment, digital monitoring and safe management frameworks are encouraged, with a strong focus on life-cycle performance and sustainability. By bringing together interdisciplinary research and practical case studies, this Special Issue aims to advance the development of future-ready, sustainable and hazard-resilient infrastructures and buildings, capable of withstanding both natural and anthropogenic threats while contributing to long-term environmental and societal resilience.

Guest Editors

Dr. Ehsan Harirchian

Dr. Shaghayegh Karimzadeh

Dr. Vasiliki Palieraki

Dr. Donya Hajjalizadeh

Dr. Sergio Ruggieri

Deadline for manuscript submissions

10 February 2027



Infrastructures

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.7



mdpi.com/si/282482

Infrastructures
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
infrastructures@mdpi.com

[mdpi.com/journal/
infrastructures](https://mdpi.com/journal/infrastructures)





Infrastructures

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.7



[mdpi.com/journal/
infrastructures](https://mdpi.com/journal/infrastructures)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article, review or short communication for consideration and publication in *Infrastructures* (ISSN 2412-3811). There is no restriction on the length of the papers. *Infrastructures* is published in open access format. The scientific community and general public have unlimited free access to the content as soon as it is published. *Infrastructures* is supported by the authors by the payment of article processing charges for accepted manuscripts. Please consider *Infrastructures* as an exceptional opportunity to publish your work.

Editor-in-Chief

Dr. Pedro Arias-Sánchez

Applied Geotechnologies Group, Department of Natural Resources and Environmental Engineering, School of Mining Engineering, University of Vigo, 36310 Vigo, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, and other databases.

Journal Rank:

JCR - Q2 (Construction and Building Technology) /
CiteScore - Q1 (Building and Construction)