

Special Issue

Traditional and Innovative Techniques for the Structural Health Monitoring and Resilience Assessment of the Built-Up Environment

Message from the Guest Editors

The goal of this Special Issue is the definition of the methodologies and the presentation of applications for structural health monitoring and resilience assessments of the built-up environment. Multidisciplinary contributions are especially encouraged. Potential topics for submission include but are not limited to:

- Structural assessment and monitoring of existing buildings and transport infrastructures;
- Structural assessment and monitoring at urban and territorial levels;
- Processing techniques for data elaboration and interpretation;
- Integration of InSAR data with on-site information;
- Integration of geological, geotechnical and InSAR data for structural health monitoring;
- Artificial intelligence techniques applied to the management and interpretation of monitoring data;
- Traditional and innovative techniques for damage detection and classification from monitoring data;
- Importance of structural health monitoring in emergency management and service conditions to support the decisions of the involved stakeholders.

Guest Editors

Prof. Dr. Fabio Di Carlo

Dr. Andrea Miano

Dr. Diego Talledo

Deadline for manuscript submissions

closed (15 November 2023)



Infrastructures

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2



mdpi.com/si/143841

Infrastructures
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 2.7
CiteScore 5.2



[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 (Engineering, Civil) / CiteScore - Q1 (Building and Construction)