



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

Guest Editors:

Prof. Dr. Fabio Di Carlo

Department of Civil Engineering and Computer Science Engineering, Università degli Studi di Roma "Tor Vergata", Rome, Italy

Dr. Andrea Miano

Department of Structures for Engineering and Architecture, University of Naples Federico II, Via Claudio 21, 80125 Naples, Italy

Dr. Diego Talledo

Department of Architecture and Arts, Università IUAV di Venezia, Venice, Italy

Deadline for manuscript submissions:

closed (15 November 2023)

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.





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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

Message from the Editor-in-Chief

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Infrastructures Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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