

# 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)



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