

Special Issue

Advanced Sensing Systems for Structural Monitoring and Damage Identification of Buildings and Bridges

Message from the Guest Editor

In this Special Issue, 'Advanced Sensing Systems for Structural Monitoring and Damage Identification of Bridges and Buildings', we welcome recent experimental research and cases studies on structural health monitoring and damage identification data analysis to detect specific targets. Topics of interest include, but are not limited to:

- Advanced sensing technologies and networks for structural health monitoring and damage identification.
- Innovative non-destructive evaluation of civil infrastructures.
- Remote sensing techniques for structural health monitoring and damage identification.
- Smart materials for structural dynamics characterization and damage detection.
- Monitoring tools and techniques for current and historical structures and infrastructures.
- Cure monitoring and early-age concrete damage identification.
- Structural health monitoring using artificial intelligence and machine learning.
- Innovative neural network architecture for structural health monitoring.
- Information modeling/bridge information modeling integrated with structural health monitoring systems and methodologies.

Guest Editor

Prof. Dr. Costas P. Providakis

Applied Mechanics & Strength of Materials Lab, School of Architecture, Technical University of Crete, 73100 Chania, Greece

Deadline for manuscript submissions

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

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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