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

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:

31 December 2024

Message from the Guest Editor

Dear Colleagues,

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.



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Special Issue



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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

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, St. Alban-Anlage 66
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