

Special Issue

Sensors in Experimental Dynamics and Seismic Assessment

Message from the Guest Editor

This Special Issue solicits papers that address experimental, analytical, and numerical work aims toward measuring, analyzing, and modeling the performance of complex engineering systems subject to time-varying loads. We welcome submissions of completed research work that use traditional and/or more advanced sensors in aerospace, geotechnical, mechanical, and structural engineering for assessing system behavior, controlling vibration, limiting potential damage as well as addresses the application of novel methods to gather, classify, and analyze data for use in machine and deep learning. Potential topics for this Special Issue of *Sensors* include but are not limited to:

- Experimental dynamic analysis
- Vibration control
- Seismic assessment and damage mitigation
- Active, semi-active, and passive control
- Failure detection, diagnostics, and prognostics
- Machine and deep learning

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2021)



Sensors

an Open Access Journal
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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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About the Journal

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.

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