

Special Issue

Sensing Technologies for Damage Detection

Message from the Guest Editor

Research articles and reviews are solicited that provide a comprehensive insight into the sensing technologies for damage detection on any aspect of novel sensor development and applications. Topics of interest include but are not limited to the following:

- Structural health monitoring
- Nondestructive test and evaluation
- Novel structural health monitoring modeling and evaluation
- Advanced computational methods and signal processing
- Big data collection and processing for the SHM
- Material assessment using SHM systems
- Structural management using monitoring systems
- Advanced sensors technologies and reliability
- Embedded sensing system for structural health monitoring
- Big data processing and management for SHM
- New damage detection, localization, or quantification methods
- Computer-vision-based damage detection methods
- Advanced deep machine-learning-based damage detection
- Application of SHM to large-scale infrastructures
- UAV-based infrastructure monitoring

Guest Editor

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Deadline for manuscript submissions

closed (20 June 2022)



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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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