

## Special Issue

# Sensing Technologies and Deep Learning Methods for Structural Health Monitoring Systems

### Message from the Guest Editors

We are pleased to announce a Special Issue focused on the latest advancements at the intersection of deep learning and structural health monitoring (SHM).

Sensors have become instrumental in SHM by providing crucial data for assessing the health and integrity of various structures. Recent innovations in deep learning methodologies present a promising avenue to enhance the analysis and interpretation of sensor-generated data for more accurate and efficient SHM. This Special Issue aims to compile state-of-the-art research exploring the integration of deep learning techniques with sensor data to advance structural health monitoring. We invite researchers and practitioners to submit original research and review articles related to sensing technologies and deep learning methods for structural health monitoring systems.

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 March 2025)



## Sensors

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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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### Editor-in-Chief

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