# **Special Issue**

# New Trends in Sensing and Structural Health Monitoring for New and Existing Structures

#### Message from the Guest Editors

This Special Issue highlights the latest advancements and developments in the field of sensing and structural health monitoring (SHM) for both new and existing infrastructure. In the context of climate change and frequent natural hazards, these new trends are being developed towards a safer, more resilient, and more sustainable infrastructure.

The Special Issue welcomes submissions on the following topics:

- structural health monitoring
- infrastructure
- acoustic sensing
- defect imaging
- thermal imaging
- sensor development
- machine learning
- signal processing
- non-destructive testing
- composite inspection
- material characterization
- real-time monitoring

If you want to learn more details, please contact Peter Wang (peter.wang@mdpi.com).

#### **Guest Editors**

Dr. Dan Su

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Dr. Ye Xia

#### **Deadline for manuscript submissions**

20 March 2026



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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

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