

Special Issue

Applied Structural Health Monitoring in Civil Engineering

Message from the Guest Editors

Structural health monitoring (SHM) has emerged as a crucial technology for ensuring the safety, durability, and serviceability of civil infrastructures. This Special Issue focuses on the latest advances in applied SHM, encompassing innovative sensing technologies, multi-sensor data fusion, real-time monitoring systems, and intelligent damage detection algorithms. Contributions may include experimental studies, field implementations, and case studies that demonstrate practical applications in bridges, buildings, tunnels, and other critical structures. The goal is to highlight interdisciplinary approaches that bridge theoretical developments and engineering practice, fostering the adoption of SHM for resilient and sustainable infrastructure management.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2026)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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