

## Special Issue

# Optical Fiber Sensors and Sensing Networks for Structural Health Monitoring

### Message from the Guest Editors

Structural health monitoring (SHM) is a powerful tool for assessing the behavior and ensuring the performance of existing and future structures. Optical fiber sensors are emerging as a key technology in this field, offering superior performance in various applications and distinct advantages over conventional sensors as they continue to mature. This Special Issue aims to advance the development of optical fiber sensors, enhance the maturity of the sensing systems, and strengthen SHM capabilities through high-performance sensing for the prediction and detection of structural anomalies.

- structural health monitoring
- optical fiber sensors
- sensing networks
- distributed sensors
- embedded optical fiber sensors
- damage detection
- structural integrity
- smart sensing

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### Guest Editors

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### Deadline for manuscript submissions

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## Sensors

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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.

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