# Special Issue

# Advanced Structural Health Monitoring: From Theory to Applications II

### Message from the Guest Editors

It is well known that structural health monitoring (SHM) is a strategic tool for the monitoring and non-invasive assessment of the health state of existing structures' infrastructures and systems that can be applied in several areas, such as aeronautical, mechanical, civil, and electrical fields. During their life, systems are subject to several actions and environmental conditions that can lead to structural and nonstructural damage. Today, there is a trend of increasing the service life of structures. They are commonly assessed periodically based on the results of visual inspection or local, limited, nondestructive testing methods. Therefore, structural health monitoring is essential as a tool that can detect degradation continuously at an early stage of its occurrence. SHM can provide decision support for reducing operational costs and risks throughout the life cycle.The present Special Issue focuses on recent developments in theoretical, computational, experimental, and practical aspects in the field and aims to cover different topics.

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### Deadline for manuscript submissions

closed (10 October 2023)

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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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