

## Special Issue

# Structural Health Monitoring in Bridges and Infrastructure

### Message from the Guest Editors

The safety and durability of bridges and other infrastructures have always been the focus of scholars and engineers. Structural health monitoring is important to ensure the safety and durability of bridges and other infrastructures. The acquisition of structural response is the basis for structural health monitoring, but only part of the structural responses can be obtained. Therefore, structural load identification and structural response reconstruction are important parts of structural health monitoring. In particular, artificial intelligence and machine learning have recently opened up new application opportunities for structural health monitoring, which attempt to establish complex mapping relationships between monitored data and structural properties and develop intelligent diagnoses of structures in a data-driven manner. In this Special Issue, we invite worldwide researchers to publish their original works highlighting the state-of-the-art application of structural health monitoring in bridges and other infrastructures.

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### Guest Editors

Prof. Dr. Yang Yang  
Dr. Yang Yang  
Dr. Lijun Liu

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### Deadline for manuscript submissions

30 June 2026



## Applied Sciences

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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.

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### Editor-in-Chief

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