

Special Issue

Inspection and Monitoring Techniques for Bridges and Civil Structures

Message from the Guest Editors

Due to the harsh environmental loads (e.g., traffic, wind, seismic, scour, or thermal effects), the deterioration and degradation of infrastructures are always of great concern worldwide. Many bridges and civil infrastructures in the world are estimated to be structurally deficient. Ensuring the safety of bridges is an important responsibility of bridge engineers. As such, sensors have been applied to bridges, and the concept of structural health monitoring (SHM) has been introduced into bridge engineering in the last two decades. Meanwhile, different inspection technologies have been developed recently. This Special Issue is intended for documenting the recent developments related to inspection and monitoring techniques and theories for bridges and civil structures, such as underwater inspection, non-contact inspection, robotics inspection, smart and wireless monitoring, and decentralized monitoring, to name a few.

Guest Editors

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Deadline for manuscript submissions

closed (30 January 2024)



Applied Sciences

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Impact Factor 2.5
CiteScore 5.5



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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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