Special Issue

Recent Advances: Structural Health Monitoring in Civil Construction

Message from the Guest Editors

Structural health monitoring (SHM) technologies have become integral to civil engineering, ensuring the longevity and safety of infrastructure. With the increasing demands on structural integrity due to environmental and operational stresses, modern SHM methodologies are advancing to meet new performance, durability, and sustainability requirements. SHM is not only growing in field applications but also within laboratories, enabling researchers to understand and design the materials. This Special Issue aims to compile the latest research and technological advancements in SHM to promote the efficient monitoring, diagnosis, and maintenance of civil infrastructure. **Objectives and Scope: Sensors and Sensing Techniques: Data Analytics and AI for SHM: Non-Destructive Evaluation (NDE): Online and Edge Monitoring: Emerging Technologies in SHM: Case Studies and Real-World Applications**:

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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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