

Special Issue

Advances in Civil Structural Damage Detection and Health Monitoring

Message from the Guest Editor

Aging civil structure is a natural phenomenon; however, inappropriate maintenance may result in catastrophic incidents that may lead to loss of life and tremendous repair cost. Traditional local methods are not efficient in helping engineers to efficiently make decisions for structural maintenance, since they are unable to precisely determine the damage to structural capacity and also require prior knowledge of the damage in advance. Therefore, an efficient method for advanced detection of structural damage and health monitoring has become urgent and critical for the safety of civil structures. For this Special Issue, we invite submission of articles exploring advance methods for damage detection and structural health monitoring in civil structures. Theoretical, experimental, and review manuscripts are welcome.

Guest Editor

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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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