Special Issue

Machine Learning–Based Structural Health Monitoring

Message from the Guest Editors

Recent advances in machine learning have opened vast possibilities for the development of disruptive innovations in the field of structural health monitoring (SHM). Machine learning provides advanced mathematical frameworks and algorithms that can help to discover and model the performance and conditions of a structure through deep mining of monitoring data—for example, machine learning applications in building structural design and performance assessment. To be specific, this Special Issue will publish study results and research papers that present innovative uses of machine learning for processing SHM data. Additionally, it also encourages papers that provide comprehensive reviews of the literature on this topic.
Prof. Dr. Fei Kang

Guest Editors

Prof. Dr. Jun Teng

Prof. Dr. Fei Kang

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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