

Special Issue

Construction Structure Health Monitoring for Sustainable Built Environment

Message from the Guest Editor

It is our pleasure to announce a new Special Issue “Structure Health Monitoring for Sustainable Built Environment” of the journal *Sustainability*. As we know, structure health monitoring (SHM) for built environment around us, is vital for preventing further economic or life losses, no matter whether this is for a skyscraper, or civil infrastructures like bridges, dams, etc. There are two main approaches in structure health monitoring (SHM) at present: model-based and data driven. The applications of structure health monitoring (SHM) are instrumental to the evaluation of the condition of built structures and prediction of the remaining life of structures. We hope that this Special Issue can attract high-quality papers that contribute to damage assessment, the prediction of remaining life and decision making related to built structures or environments. This Special Issue welcomes contributions from the following themes (this list is not exhaustive):

- sensing solutions for SHM;
- data analysis techniques for SHM;
- damage detection techniques;
- artificial intelligence in SHM;
- residual life prediction
- novel applications

Guest Editor

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Deadline for manuscript submissions

closed (10 April 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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