

Special Issue

Technological and Digital Innovation in Structural Health Monitoring of Civil Structures and Infrastructures

Message from the Guest Editors

This Special Issue invites high-quality contributions addressing the current state of the art, recent developments, and future perspectives in the field of the SHM of civil structures and infrastructures in a digitalizing world. The topics of interest include, but are not limited to:

- development of new methodologies for the signal processing of experimental data;
- development of new forms of data-driven surrogate models, based on the most recent advances in artificial intelligence, neural networks, and machine learning;
- online and real-time management of continuously monitored physical quantities;
- compensation of environmental and operating variations (EOV) from the measured quantities;
- emerging technologies for monitoring civil structures and infrastructures, e.g., indirect and remote SHM;
- SHM-driven management of civil structures and infrastructures, including value of information analysis.

Guest Editors

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Deadline for manuscript submissions

closed (29 February 2024)



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