

Special Issue

New Horizons in Structural Health Monitoring of Railway Infrastructure

Message from the Guest Editors

This Special Issue seeks original research or review articles that focus on new horizons in the SHM of railway infrastructures, such as advanced monitoring technologies and AI applications. The Special Issue intends to include (but is not limited to) the following topics:

- Advanced monitoring technologies in the SHM of railway infrastructure;
- Smart sensors in the SHM of railway infrastructure;
- Machine learning in the SHM of railway infrastructure;
- Computer vision in the SHM of railway infrastructure;
- Data cleaning and feature extraction in the SHM of railway infrastructure;
- Big data mining and analytics in the SHM of railway infrastructure;
- Digital twins for railway infrastructure;
- The intelligent operation and maintenance of railway infrastructure.

Guest Editors

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Deadline for manuscript submissions

31 December 2026



Applied Sciences

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.5



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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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