Condition Monitoring and Intelligent Maintenance of Railway Infrastructure, 2nd Edition

Guest Editor:

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Deadline for manuscript submissions:
closed (20 April 2024)

Message from the Guest Editor

Dear Colleagues,

Condition monitoring and intelligent maintenance systems are crucial to reducing railway downtime and increasing network availability, thus enabling new passenger services and reducing operational costs.

In this Special Issue, we invite submissions exploring cutting-edge research and recent advances in the fields of non-destructive testing, condition-based maintenance, prognosis & health management, robotics applications, autonomous maintenance systems, track geometry data analyses, and data and visual analytics.

Modelling and experimental studies are welcome, as are comprehensive review and survey papers.

Dr. Isidro S. Durazo-Cardenas
Guest Editor

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Special Issue

Editor-in-Chief

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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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