



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

Guest Editor:

Dr. Isidro S. Durazo-Cardenas

School of Aerospace, Transport
and Manufacturing, Cranfield
University, Bedford MK43 0AL, UK

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





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)