

## Special Issue

# Advances in Condition Monitoring of Railway Infrastructures

### Message from the Guest Editors

In recent years, relevant investments have been made in the construction of new railway lines as well as in the rehabilitation and upgrading of existing lines. Many of these lines include a significant number of critical infrastructures whose operational and safety conditions must be preserved during their life cycle. Recent scientific and technological advances have enabled more efficient structural condition monitoring of railway infrastructures, mainly through the implementation of intelligent strategies for inspection, monitoring, maintenance and risk management. Based on this framework, this Special Issue aims at bringing together the latest research studies, findings and achievements with regard to the condition monitoring of railway infrastructures. Theoretical, experimental and computational investigations (or a combination of these) are welcome.

---

### Guest Editors

Dr. Araliya Mosleh

Prof. Dr. Diogo Ribeiro

Dr. Abdollah Malekjafarian

Dr. Maria D. Martínez-Rodrigo

---

### Deadline for manuscript submissions

closed (20 July 2023)



## Sensors

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.5**  
**CiteScore 8.2**  
**Indexed in PubMed**



[mdpi.com/si/112281](https://mdpi.com/si/112281)

*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)





# Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)



## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

---

### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

---

### 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), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

#### Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)