



*sensors*



an Open Access Journal by MDPI

## Advances in Condition Monitoring of Railway Infrastructures

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)**

### 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.



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

# Special Issue



*sensors*



an Open Access Journal by MDPI

## 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

## 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.

## 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 & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

## Contact Us

*Sensors* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)