

Special Issue

Fault Detection, Diagnosis and Maintenance on Intelligent Transportation System

Message from the Guest Editors

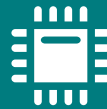
The monitoring and management of traffic structures is an important part of the modern traffic system. Modern and efficient road/rail infrastructure operations require regular monitoring and timely maintenance. By their nature, these are multidisciplinary challenges that require collaboration among different disciplines to develop and implement innovative solutions. In recent years, the development of sensing, IoT, big data, artificial intelligence, digitalization, visualization, and digital twins have provided novel solutions for the fault detection and diagnosis of existing transportation structures, which has ultimately led to improved management, sustainability, and extended life of such key infrastructure assets. The SI aims to provide a unique platform to publish state-of-the-art methods and applications for monitoring traffic structures. Both original research articles and reviews are welcome.

Guest Editors

Dr. Yang Song
Prof. Dr. Xiaojun Wei
Dr. Alejandro Jiménez Ríos

Deadline for manuscript submissions

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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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
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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