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Fault Detection, Diagnosis and Maintenance on Intelligent Transportation System

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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.

Deadline for manuscript
submissions:

31 October 2024



mdpi.com/si/159159

Special Issue



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Message from the Editor-in-Chief

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Journal Rank: JCR - Q2 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

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