

Special Issue

Sensing Advancement and Health Monitoring of Transport Structures

Message from the Guest Editors

This Special Issue aims to provide a comprehensive overview of state-of-the-art applications, numerical and theoretical developments of sensing techniques within the context of assessment, and health monitoring of transport infrastructures and construction materials. Sensing systems of interest are related to active and passive sensors, analogue and digital sensors, and ground-based, embedded, and remote sensing systems. Sensors based on acoustic, electrical, electromagnetic, chemical, optical, and radioactive principles are considered, amongst others, in both stand-alone and integrated multi-source operating modes. Hence, papers with a focus on areas including, but not limited to, highways, railways, and airfields, as well as construction materials, are encouraged. Review papers in the above outlined research areas will also be considered.

Guest Editors

Prof. Dr. Andrea Benedetto

Prof. Dr. Imad Al-Qadi

Prof. Dr. Amir M. Alani

Prof. Dr. Andreas Loizos

Prof. Dr. Fabio Tosti

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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

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