

Special Issue

Sensors Technologies for Intelligent Transportation Systems

Message from the Guest Editors

Modern society is facing important challenges related to transportation systems, including but not limited to pollution, safety and congestion. In this Special Issue, we want to explore how sensor technology can be integrated with transportation infrastructure to achieve a sustainable ITS and how safety, traffic control and infotainment applications can benefit from multiple sensors deployed in different elements of an ITS. Topics of interest include (but are not limited to) the following:

- Sensor technologies for intelligent transportation systems
- Connected vehicles and communication technologies
- Sensor and information fusion
- Distributed intelligent transportation systems technologies
- Cooperative driving
- Applications and services for real-time traffic management
- Vehicle navigation and localization-based advanced sensor technologies
- HD and accurate mapping systems
- Peer-to-peer data sharing for fleet management and safety purposes
- Traffic sensor management for routing and computing and traffic control

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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

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