

## Special Issue

# AI and Smart Sensors for Intelligent Transportation Systems

### Message from the Guest Editors

This Special Issue aims to compile original research and review articles focused on the latest advancements, applications, challenges, and future directions in the realm of AI and smart sensors for ITS. Potential topics include, but are not limited to, the following:

- AI-driven traffic prediction models;
- Smart sensor networks for real-time traffic monitoring;
- Smart sensors for transportation infrastructures;
- Vehicle-to-Infrastructure (V2I) communication;
- Real-time data analytics;
- Sensor fusion technologies.

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### Guest Editors

Prof. Dr. Yuchuan Du

Dr. Yu Shen

Dr. Chenglong Liu

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### Deadline for manuscript submissions

30 January 2026



## Sensors

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**Impact Factor 3.5**  
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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.

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### Editor-in-Chief

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