

Special Issue

The Weather and Pollution Sensing for Intelligent Transport Systems

Message from the Guest Editors

This Special Issue aims to highlight recent breakthroughs in road weather and air pollution sensing in the scope of CCAM technologies and applications; therefore, we seek high-quality submissions featuring both robust theoretical advances and practical engineering aspects. The topics of interest include but are not limited to:

- Weather-aware cooperative perception;
- Standards to accommodate weather/pollution data;
- Field trials;
- Road weather or pollution models;
- Impact of adverse road weather conditions in automated driving;
- Road sensors;
- Onboard pollution sensors;
- Cooperative sensing;
- Security and privacy issues;
- Massive machine type communications for CCAM;
- Software agents for cooperative sensing;
- Ad-hoc and mobile networks for the collection layer;
- High-definition dynamic maps with weather and pollution data;
- Weather and pollution sensing technology;
- Big data and AI for weather or pollution prediction;
- Personal handheld devices as sensing peripherals;
- Vehicular communications;
- Case studies;

Guest Editors

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Deadline for manuscript submissions

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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.

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