

Special Issue

Detection of Air Pollutants

Message from the Guest Editors

Globally, air pollution is a major environmental risk to human health. The detection of air pollutants is a fundamental procedure for air quality assessments and management. Traditionally, stationary reference instruments have been widely adopted for air pollution detection. In recent years, with the rapid development of technology, smart, low-cost sensors have been increasingly applied to air pollution measurements in both indoor and outdoor environments. In addition, various novel techniques have been designed to reveal the processes of air pollutant reactions and formation. Authors are invited to submit original research papers, reviews, and short communications on (but are not limited to) the following topics:

- Ambient air quality measurement and data analysis;
- The use of smart, low-cost sensors in air pollution detection;
- Design, evaluation, and calibration of air quality sensors and monitors;
- Laboratory experiments for revealing atmospheric chemistry;
- Remote sensing of atmospheric composition;
- The establishment of LiDAR systems for air quality measurement.

Guest Editors

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Deadline for manuscript submissions

closed (19 July 2024)



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About the Journal

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).