

## Special Issue

# Advanced Mitigation Strategies for Air Pollutants: Innovative Technologies and Management Practices

### Message from the Guest Editors

This Special Issue aims to highlight cutting-edge research and forward-thinking management practices that address the mitigation of air pollutants through technological innovation and strategic oversight. We welcome the submission of high-quality original research articles, reviews, and case studies that contribute to the advancement of emission control and abatement strategies. The scope of this Special Issue includes, but is not limited to, the following topics:

- The development and application of novel processes and materials for the removal of air pollutants, including advanced oxidation, advanced functional materials, biotechnologies, and hybrid/coupled treatment systems, etc.
- The design and implementation of source-specific abatement techniques for major sectors including industry, agriculture, transportation, and urban development, etc.
- Data-driven strategies that employ AI and process optimization to enable real-time monitoring, predictive control, and intelligent decision-making for emission management.
- Analysis of regulatory frameworks, economic incentives, and governance models that promote the development and broad adoption of advanced mitigation technologies.

### Guest Editors

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### Deadline for manuscript submissions

28 February 2026



## Toxics

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Impact Factor 4.1  
CiteScore 6.4  
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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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### Editor-in-Chief

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JCR - Q1 (Toxicology) / CiteScore - Q1 (Chemical Health and Safety)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).