

Special Issue

Monitoring and Modeling Atmospheric Toxic Substances and Their Influence on Human Health

Message from the Guest Editor

Monitoring and modeling atmospheric toxic substances and their influence on human health are complex and multifaceted endeavors that require the careful consideration of several aspects. Furthermore, as environmental conditions and human activities evolve, new challenges may arise in monitoring and modeling atmospheric toxic substances. This Special Issue invites contributions that cover all aspects of the topic, with particular emphasis on the following: revising and re-evaluating databases grounded in current knowledge and concerns; reporting on unidentified or poorly quantified sources contributing to air pollution; modeling spatial and temporal variability depending on an individual's location, activities, and time spent in various environments; assessing the health impact of air toxics considering clear dose–response relationships; tackling the assessment of low-level exposure to multiple toxics; assessing health effects from exposure to toxic substances considering the variability in susceptibility; and other challenges in monitoring and modeling atmospheric toxic substances affecting human health.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2025)



Toxics

an Open Access Journal
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Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/203541

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

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).