

Special Issue

Atmospheric Aerosols: Source Apportionment, Characterizations, and Detection, 2nd Edition

Message from the Guest Editors

Our goal is to establish a collection of studies that not only reflect the current state of the art but also point the way toward future advancements in aerosol science and its impact on public health. **Objectives:**

- Source Apportionment: Investigations focusing on identifying and quantifying the major sources of atmospheric aerosols.
- Chemical Characterization: Research that advances our understanding of the chemical composition of aerosols, including both organic and inorganic species.
- Health Effect: To examine the mechanisms via which aerosols interact with human health, including respiratory issues, cardiovascular diseases, and potential long-term health effects.
- Policy Implications and Mitigation Strategies: Discussions on the policy implications of aerosol research and the development of effective mitigation strategies.

We invite researchers, scientists, and scholars to contribute their original research, review articles, and short communications that address the themes outlined above. Manuscripts should present novel findings, innovative approaches, and significant advancements in the field of aerosol science and its implications for human health.

Guest Editors

Dr. Chunlei Cheng

Institute of Mass Spectrometry and Atmospheric Environment, Jinan University, Guangzhou 510632, China

Dr. Cheng Wu

Institute of Mass Spectrometry and Atmospheric Environment, Jinan University, Guangzhou 510632, China

Deadline for manuscript submissions

closed (15 January 2025)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.8
Indexed in PubMed



mdpi.com/si/210856

Toxics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxics@mdpi.com

[mdpi.com/journal/
toxics](https://mdpi.com/journal/toxics)





Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.8
Indexed in PubMed



[mdpi.com/journal/
toxics](https://mdpi.com/journal/toxics)



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.

Editor-in-Chief

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,
08034 Barcelona, Spain

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

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).