Special Issue

Atmospheric Aerosols: Source Apportionment, Characterizations, and Detection

Message from the Guest Editors

The impact of atmospheric aerosols on climate, air quality, and human health has drawn significant attention in recent years. Understanding the sources, chemical compositions, and detection methods of atmospheric aerosols is crucial for accurately assessing their contributions to air pollution and making effective mitigation strategies. This Special Issue aims to bring together the latest research on source apportionment, chemical characterization, and advanced detection techniques related to atmospheric aerosols.

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.

Advanced Detection Methods: Exploration of innovative approaches and technologies for the real-time detection and monitoring of atmospheric aerosols.

Aerosol–Climate Interactions: Studies investigating the complex interactions between atmospheric aerosols and climate.

Policy Implications and Mitigation Strategies: Discussions on the policy implications of aerosol research and the development of effective mitigation strategies.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2024)

Toxics

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Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/173258

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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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