

## Special Issue

# The Evolution of Atmospheric Composition and Its Impact on Human Health and Ecosystem

### Message from the Guest Editors

The atmospheric composition, including trace gases and aerosols in high concentrations, not only affects the regional atmospheric environment, but also threatens human health and the ecosystem. Multiple national governments take actions to protect the ozone layer and mitigate air pollution under a series of international agreements, such as the Montreal Protocol and Paris Agreement. Asia, as an intensive source of air pollution, has continuously received increasing attention. In addition, air pollution in Asia has worldwide consequences through long-range transport, climate change, and its interaction with the other regions. Thus, this Special Issue focuses on changes in atmospheric trace gases and aerosols in terms of their emissions, composition and physicochemical properties, as well as their consequent impacts on human, the climate and the ecosystem in Asia under the latest international agreement. Specifically, manuscripts related to novel detection methods, field measurements, and improved numerical simulations for these species are especially welcome.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2025)



## Toxics

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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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