

## Special Issue

# Health Effects of Air Pollution on Children and Adolescents

### Message from the Guest Editor

Children and adolescents, with their still-maturing physiological systems, are especially vulnerable to air pollutants like fine particulate matter (PM<sub>2.5</sub>), ozone, and nitrogen oxides. This Special Issue on "Health Effects of Air Pollution on Children and Adolescents" delves into a topic of utmost significance. It will comprehensively explore the wide-ranging health impacts that air pollution has on the younger population. The research articles within this Special Issue will cover multiple dimensions. Respiratory problems, such as asthma exacerbations and reduced lung function, will be a major focus; cardiovascular and neural or mental effects will also receive attention. Moreover, potential long-term developmental consequences like cognitive and behavioral issues will be explored. The findings in this Special Issue will help us to understand the effects and mechanisms of air pollutants on children's health and provide support for the development of health-oriented air pollution control policies for vulnerable populations.

### Guest Editor

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### Deadline for manuscript submissions

30 September 2025



## Toxics

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Impact Factor 4.1  
CiteScore 6.4  
Indexed in PubMed



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

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