

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_{2.5}), 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

Dr. Jing Li

Institute of Child and Adolescent Health, School of Public Health, Peking University, Beijing 100091, China

Deadline for manuscript submissions

30 March 2026



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/228693

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

mdpi.com/journal/

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





Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
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 18.1 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).