

## Special Issue

# Environmental and Reproductive Epidemiology: Focus on Air Pollution and Associated Contaminants

### Message from the Guest Editors

Mounting evidence underscores the impact of air pollution—including particulate matter, heavy metals, and organic pollutants such as polycyclic aromatic hydrocarbons (PAHs)—on adverse reproductive outcomes across the life course. This Special Issue, “Environmental and Reproductive Epidemiology: Focus on Air Pollution and Associated Contaminants”, invites original research and authoritative reviews that quantify, clarify, and translate these exposure–outcome relationships into public health practice. We welcome studies investigating, but not limited to, the following topics:

- Associations between airborne pollutants (e.g., heavy metals, PAHs, particulate matter) and reproductive outcomes such as infertility, male reproductive disorders, pregnancy complications, birth defects, and long-term child health;
- Methodological innovations in exposure assessment, biomarker development, causal inference, and life-course modeling specific to air pollution and its components;
- Gene–environment and epigenetic interactions related to air pollution that affect reproductive health and vulnerability;
- Interventions and policies aimed at mitigating reproductive risks associated with air pollution.

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### Guest Editors

Prof. Dr. Junling Wang

Prof. Dr. Yankai Xia

Prof. Dr. Bin Luo

Dr. Haitao Ma

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### Deadline for manuscript submissions

17 April 2026



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

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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).