

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.

Guest Editors

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Deadline for manuscript submissions

closed (17 April 2026)



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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.

Editor-in-Chief

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).