

Special Issue

Environmental Chemical Exposure and Human Health

Message from the Guest Editors

Environmental chemicals, from industrial pollutants to endocrine disrupting chemicals, pose significant risks to human health, particularly during critical windows of development and across generations. The World Health Organization (WHO) emphasizes that nearly 24% of global deaths are linked to environmental factors, with early-life exposures influencing lifelong health trajectories. This Special Issue seeks to advance understanding of how chemical exposure impacts health, from preconception through adulthood, while exploring innovative strategies to mitigate risks and elucidate biological mechanisms. This Special Issue will feature research on the following topics:

- Life-course chemical exposure and health outcomes;
- Transgenerational effects of chemical exposure;
- Mitigation measures targeting modifiable factors, such as behavioral factors;
- Exposome and omics approaches to identify biomarkers and mechanistic pathways;
- Molecular mechanisms of toxicity.

Guest Editors

Dr. Yu Zhang

Prof. Dr. Jason Levy

Prof. Dr. Stefano Falcinelli

Deadline for manuscript submissions

25 July 2026



Environments

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.7



mdpi.com/si/251109

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

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About the Journal

Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Sergio Ulgiati

1. Department of Science and Technology, Parthenope University of Naples, Centro Direzionale, Isola C4, 80143 Napoli, Italy

2. School of Environment, State Key Joint Laboratory of Environment Simulation and Pollution Control, Beijing Normal University, No. 19 Xijiekouwai Street, Beijing 100875, China

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indexed within Scopus, ESCI (Web of Science), PubAg, AGRIS, GeoRef, and other databases.

Journal Rank:

JCR - Q2 (Environmental Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.2 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2025).