Special Issue

Environmental Contamination by Toxic Metals and Metalloids, Exposure Limits, and Toxicity Thresholds

Message from the Guest Editor

Cadmium (Cd) is a ubiquitous metal contaminant of most food types and is especially common in staple foods. Thus, for the general population, food has become the most common route of Cd exposure. As the rice plant is a highly efficient accumulator of Cd, there is widespread concern that the consumption of rice containing even low levels of Cd can have significant health effects. Polluted air is an additional source of Cd exposure and is a major concern in people living in busy urban areas, metal workers, and tobacco smokers. This Special Issue invites authors to submit cutting-edge research on exposure to and the health risks of environmental contaminants such as Cd, Pb, Hg, Cr, As and Sn throughout all stages of life, from prenatal exposure to older age. Both fundamental and empirical studies are welcome, as well as stakeholder and policy-relevant commentaries on potential reductions in population exposure and toxicity mitigation of metal pollution. Manuscripts focusing on the protective effects of zinc (Zn), selenium (Se), flavonoids, and plant antioxidants in vulnerable groups, including pregnant women and children, are particularly encouraged.

Guest Editor

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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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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).