

Special Issue

Toxic Threats to Sustainability: Mechanisms and Impacts of Environmental Contaminants on Health and Ecosystems

Message from the Guest Editors

Environmental contaminants represent a major barrier to achieving sustainable development. From industrial chemicals and heavy metals to microplastics and emerging pollutants, these substances continue to accumulate across ecosystems, disrupting ecological balance and posing significant risks to human health. Their presence threatens the success of several Sustainable Development Goals (SDGs), including SDG 3 (Good Health and Well-Being), SDG 6 (Clean Water and Sanitation), and SDG 14 (Life Below Water). This Special Issue aims to explore how environmental pollution through air, water, soil, and food systems compromises health, biodiversity, and long-term sustainability. We seek contributions that investigate the direct and indirect effects of contaminants on living organisms, as well as broader implications for environmental resilience and socio-economic development. The goal is to understand how pollution-driven degradation affects community well-being, natural resource availability, and the global push for a more sustainable and equitable future.

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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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