

Special Issue

Ecotoxicological Effects of Anthropogenic Contaminants in Aquatic Organisms

Message from the Guest Editors

This Special Issue focuses on the ecotoxicological impacts of anthropogenic contaminants on aquatic organisms, highlighting the complex interplay between pollutants and biological systems. We seek contributions examining gene expression changes, epigenetic modifications, and alterations in signaling pathways and receptor interactions caused by contaminants. Research addressing behavioral disruptions as biomarkers of environmental toxicity is also encouraged. This issue builds on the existing literature by expanding the range of studied species, complementing work primarily focused on higher vertebrates. It will highlight emerging contaminants and innovative approaches to assess sub-lethal effects, positioning itself as an important resource for understanding ecotoxicological risks and informing conservation and regulatory policies. Through this interdisciplinary lens, this Special Issue seeks to advance our understanding of how anthropogenic activities shape aquatic ecosystems.

Guest Editors

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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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Journal Rank:

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).