

Special Issue

Effects of Toxic Contaminants on Fish Behaviours

Message from the Guest Editor

Aquatic ecosystems are under threat from a wide range of environmental pollutants. Fishes, as important components of aquatic ecosystems, are critical to maintaining their stability and sustainability. However, fishes are extremely sensitive to these environmental pollutants, especially their behaviours, including but not limited to cognitive, social, reproductive, predatory and antipredatory, sensorimotor, and emotional disorders. Therefore, there is a need for a better understanding of the effects of environmental contaminants on the behaviours of fishes. To this end, we seek manuscripts that will contribute to new insights, basic research, and analyses on the effects of environmental pollutants on fish behaviours for this Special Issue. Environmental contaminants include, but are not limited to, heavy metals, persistent pollutants (POPs), PPCPs, and other emerging toxic pollutants. We also focus on strategies for fishes to overcome the adverse effects of these environmental pollutants. Authors are invited to submit original research papers, reviews, and short communications.

Guest Editor

Dr. Jiliang Zhang

College of Life Sciences, Hainan Normal University, Haikou 571158, China

Deadline for manuscript submissions

closed (10 February 2026)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/224815

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

[mdpi.com/journal/
toxics](https://mdpi.com/journal/toxics)





Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



[mdpi.com/journal/
toxics](https://mdpi.com/journal/toxics)



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

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,
08034 Barcelona, Spain

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.

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 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).