

Special Issue

Micro and Nanoplastics in Freshwater Fauna: Sources, Quantification and Effects

Message from the Guest Editors

Plastic is among the emerging contaminants that are raising more and more concern in the scientific community. Although research on plastic in the environment has received increasing attention in the last decade, research on the sources, quantification, and effect of plastic in freshwaters is still underrepresented in the scientific literature. We are pleased to invite you to contribute to the Special Issue of the journal *Biology* titled “Micro and Nanoplastics in freshwater fauna: sources, quantification and effects”. This Special Issue aims to collect original research articles and reviews on micro- and nanoplastic pollution in freshwater fauna with a focus on: the development, standardization, validation, and isolation protocols; the quantification of micro-/nanoplastics in freshwater fauna, their entry into the food chain, and transfer within the food webs; and their effects on organisms. Research studies and reviews can also consider species that partially spend their lives in freshwater or that inhabit transitional waters. We look forward to receiving your contributions.

Guest Editors

Dr. Silvia Galafassi

Water Research Institute, National Research Council, Verbania, Italy

Dr. Pietro Volta

Water Research Institute, National Research Council of Italy, IRSA-CNR, Largo Tonolli, 50, 28922 Verbania-Pallanza, Italy

Deadline for manuscript submissions

closed (31 July 2023)



Biology

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/131922

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

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





Biology

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.4
Indexed in PubMed



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



About the Journal

Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology Institute, University of Valencia and CSIC, 46980 Valencia, Spain

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.4 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2025).