

Special Issue

Freshwater Species: Status, Monitoring and Assessment

Message from the Guest Editor

Freshwater species are globally threatened by overexploitation, pollution, habitat destruction, and invasive species, necessitating urgent conservation assessments. Species decline underscores the need for robust monitoring aligned with international conservation targets. Despite the establishment of some initiatives, like the use of environmental DNA for species detection, monitoring remains inadequate, highlighting a gap in protection efforts. Addressing these challenges requires enhanced monitoring and strategic conservation efforts to safeguard freshwater ecosystems and their diverse inhabitants. This Special Issue emphasizes the development of freshwater species monitoring systems for pollution assessment and the integration of environmental monitoring data with toxicological information. This issue also focuses on the application of scientific principles in designing monitoring systems on various scales and the use of monitoring data to evaluate natural resource management and pollution risk.

Guest Editor

Dr. Dariusz Halabowski

Department of Ecology and Vertebrate Zoology, Faculty of Biology and Environmental Protection, University of Lodz, Banacha 12/16, 90-237 Lodz, Poland

Deadline for manuscript submissions

closed (20 May 2025)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/199325

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

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





Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



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



About the Journal

Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR
CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique
(CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane,
Toulouse, France

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)