

Special Issue

Marine Ecotoxicology Responses to Global Change and Environmental Impacts

Message from the Guest Editors

The Special Issue welcomes the submission of reviews or manuscripts that describe original research on marine ecotoxicology. Marine ecosystems contribute to the regulation of climate, the protection of coastal areas from storms and the provision of food for human communities. They also support a range of livelihoods and recreational activities. Unfortunately, many marine ecosystems are in decline due to climate change and human activities. Hazardous chemicals (e.g., heavy metals, polycyclic aromatic hydrocarbons, polychlorinated biphenyls, surfactants) and contaminants of emerging concern (CECs) (e.g., nanoparticles, pharmaceuticals, endocrine disrupters, pesticides, personal care products, micro-nanoplastics, rare earth elements) reach the aquatic environment. These substances can have a direct impact on ecosystems and biodiversity, reducing the survival of endemic and/or specialised organisms and resulting in impoverished ecosystems that are more vulnerable to collapse. In addition, populations may be displaced from their traditional ranges into new areas, facilitating the spread of alien species.

Guest Editors

Dr. Ermelinda Prato

Institute of Water Research (IRSA), Italian National Research Council (CNR), Taranto, Italy

Dr. Francesca Blandolino

Institute of Water Research (IRSA), Italian National Research Council (CNR), Taranto, Italy

Deadline for manuscript submissions

closed (20 April 2025)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/216238

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)