

## Special Issue

# Aquatic Ecosafety: Threats, Disturbances, Environmental Monitors and Bioremediation Actions

### Message from the Guest Editors

Climate change, water scarcity and pollution, biodiversity loss, chemical contamination and plastics pollutions represent nowadays the main five issues of environmental concern requiring both continuous/improved control and urgent management/remediation actions. In this regard, the use of biological systems in environmental monitoring is highly encouraged as it offers clear advantages such as 1) allowing the estimation of the integrated effects of different contaminants, 2) permitting to assess the long-term effects of peaks of disturb that are not easily detected by occasional or intermittent monitoring approaches (e.g., water quality analysis) and 3) detecting side-effects of remediation actions that are “traditionally” designed through chemical quality targets (e.g., metals concentration in sediments). The role of organisms in assessing the status of aquatic habitats is clearly recognized in the legislation. This Special Issue welcomes the submission of papers reporting frontier results in identifying, detecting, monitoring, controlling and preventing the effects of different threats and disturbs to aquatic ecosystems.

---

### Guest Editors

Prof. Dr. Salvatore Fasulo  
Dr. Giuseppe Mancini  
Dr. Massimiliano Scalici

---

### Deadline for manuscript submissions

closed (30 September 2022)



## Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.7



[mdpi.com/si/37820](https://mdpi.com/si/37820)

*Water*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[water@mdpi.com](mailto:water@mdpi.com)

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





# Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.7



[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)