



water

IMPACT
FACTOR
2.524

an Open Access Journal by MDPI

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

Guest Editors:

Prof. Salvatore Fasulo

Department of Chemical,
Biological, Pharmaceutical and
Environmental Sciences,
University of Messina, Viale F.
Stagno d'Alcontres 31, S. Agata,
98166 Messina, Italy

sfasulo@unime.it

Prof. Giuseppe Mancini

Department of Electric,
Electronic and Computer
Engineering, University of
Catania, Viale A. Doria 6, 95125
Catania, Italy

giuseppe.mancini@unict.it

Prof. Massimiliano Scalici

Department of Sciences,
University "Roma Tre", Viale
Guglielmo Marconi, 00154 Roma,
Italy

massimiliano.scalici@
uniroma3.it

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.

Deadline for manuscript
submissions:

20 August 2020



mdpi.com/si/37820

Special Issue



water

IMPACT
FACTOR
2.524

an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

ECOLAB, Centre National de la
Recherche Scientifique (CNRS),
University of Toulouse, campus
ENSAT, Auzeville Tolosane,
France

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed by the [Science Citation Index Expanded](#) (Web of Science), [Ei Compendex](#) and [other databases](#).

CiteScore (2018 Scopus data): **2.66**, which equals rank 39/203 (Q1) in 'Water Science and Technology' and rank 32/201 (Q1) in 'Aquatic Science'.

Contact Us

Water
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

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