Special Issue

Advances in Aquatic Pollution Assessment and Management

Message from the Guest Editor

There are many challenges for identifying those contaminants, causing environmental harm and taking appropriate actions to address pollution. It is not possible to screen for all chemicals, and new chemicals constantly appear on the market for a broad range of. Many of these chemicals end up polluting aquatic environments and impacting their ecosystems. Biological surveys can identify the condition of an ecosystem, but it is difficult to determine what contaminant or other factors are the major causes of environmental stress. A broad range of approaches can be used to develop a strong body of evidence to identify the priority contaminants causing environmental harm. These include robust approaches to detect and measure chemicals, ecotoxicological tests of waters and sediments, ecological surveys, and assessment of key bioindicator species using biomarkers. We welcome papers that illustrate ways that priority contaminants impacting aquatic ecosystems can be identified and how such pollution can be successfully prevented. This pollution prevention can occur through regulation, education, working with the polluters to improve practises or through online treatment of runoff.

Guest Editor

Prof. Dr. Vincent Pettigrove
RMIT University, Melbourne, Australia

Deadline for manuscript submissions

closed (15 October 2021)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/64167

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

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

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)

MDPI