Special Issue

Distribution and Toxicity of Emerging Contaminants in Aquatic Environments

Message from the Guest Editors

This Special Issue seeks to foster a comprehensive, interdisciplinary understanding of the challenges posed by emerging contaminants (ECs) in aquatic ecosystems. ECs-including a broad spectrum of substances such as pharmaceuticals and personal care products (PPCPs), pesticides, industrial chemicals (e.g., flame retardants, plasticizers), Perfluorinated Compounds (PFCs), hormones, micro/nanoplastics, emerging microbial contaminants—present a significant and evolving threat to environmental health due to their persistence and potential for bioaccumulation. The primary objective is to bring together cutting-edge research that addresses the full lifecycle of these contaminants, from their sources and environmental pathways to their toxicological effects and ultimate risks. The submission of original research articles and critical reviews covering freshwater, transitional, and marine environments is invited. This collection aims to serve as a vital reference for scientists, engineers, and policymakers dedicated to safeguarding global aquatic resources.

Guest Editors

Dr. Sheng Liu

School of Civil Engineering, Shandong University, Jinan, China

Dr. Kun Li

School of Environmental Science and Engineering, Nanjing University of Information Science and Technology, Nanjing 210044, China

Deadline for manuscript submissions

20 March 2026



Water

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 6.0



mdpi.com/si/251850

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



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)

