Special Issue

Aquatic Microplastics Pollution Prevention and Management Measures

Message from the Guest Editors

According to the reports published by the United Nations Environment Programme (UNEP), more than 430 million tonnes of plastic is produced per year, and two-thirds of this becomes waste and ends up in oceans, resulting in the ingestion of microplastic particles and their emergence in the human food chain. Microplastics have various negative impacts on life: behavioral changes, reduced food intake, genetic alteration, etc. The United Nations Environment Assembly (UNEA) Res. 3/7 is calling for all countries to develop and implement action plans for preventing marine litter and the discharge of microplastics. By raising awareness, the scientific community is actively engaged in advancing pollution prevention and management measures to mitigate the proliferation of microplastics. The interdisciplinary nature of this endeavor underscores collaborations across environmental science, engineering, policy, and public awareness efforts. This Special Issue (SI) focuses on the latest cutting-edge research and seeks to explore innovative strategies, technological interventions, and policy frameworks designed to tackle the challenge of microplastics.

Guest Editors

Dr. Chenghong Feng
School of Environment, Beijing Normal University, Beijing, China

Dr. Zhenling Li
School of Geography and Environment, Jiangxi Normal University, Nanchang, China

Deadline for manuscript submissions

closed (30 September 2024)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/197680

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