

## Special Issue

# Current Trends and Future Challenges of Marine Microplastic Pollution

### Message from the Guest Editors

Marine plastic debris in various forms, such as beads, pellets, and fibers, is now pervasive in global oceans and coastal zones. These micro- and nanoplastics are continuously input from lands to seas via surface runoffs and various human activities, and are continuously accumulating in our earth. Wide geographical distributions of microplastics can be found both horizontally (in every ocean) and vertically (from surface seawater to deep-sea sediments). The hazard of microplastics is not just physically entrapping or affecting organisms; they are also a vector of various toxic substances (e.g., persistent organic pollutants and heavy metals). Moreover, they threaten the habitats of different marine eco-systems as well as the health of each living organism via food webs. As a result, the fates and distributions of this anthropogenic microplastic pollution requires more attention and further study. This Special Issue calls for more scientific investigations to update current trends as well as future challenges [...] For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/water/special\\_issues/58XWDOSE05](https://www.mdpi.com/journal/water/special_issues/58XWDOSE05)

---

### Guest Editors

Prof. Dr. Justin Chun Te Lin

Prof. Dr. Hyunook Kim

Prof. Dr. Antonio Pietroiusti

---

### Deadline for manuscript submissions

closed (10 March 2024)



## Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



[mdpi.com/si/184304](https://www.mdpi.com/si/184304)

*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://www.mdpi.com/journal/water)





# Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



[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)