



*water*

an Open Access Journal by MDPI



## Analysis and Prevention of Microplastics Pollution in Water: Current Research and Future Directions

Guest Editor:

**Prof. Dr. Paolo Tremolada**

Department of Environmental  
Science and Policy (ESP),  
University of Milan, Milano, Italy

Deadline for manuscript  
submissions:

**closed (15 November 2021)**

### Message from the Guest Editor

Microplastics (MPs) are currently found almost everywhere, and the aquatic compartment is the final sink for most of the plastic debris. The marine environment is dramatically impacted by all kind of plastic contamination, and inland waters are also considered an important target of MPs. The detected polymers are mainly those found in common-use products: polyethylene (PE)—mainly in its low-density (LDPE; bin bags, plastic wraps, shopping bags) and high-density (HDPE; shopping bags, bottle caps, detergent bottles) forms, polypropylene (PP; yoghurt packaging, straws, semi-rigid containers), polystyrene (PS; foamed food containers, plastic cutlery), polyvinyl chloride (PVC, pipes), and polyethylene terephthalate (PET; bottles, food trays). Moreover, a wide range of chemical additives (e.g., polybrominated diphenyl ethers, bisphenol A, phthalates, fatty acids) are commonly added to polymers in order to modify their physicochemical properties (such as flame resistance, color, plasticity/viscosity, and lubricity). [...]

For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/water/special\\_issues/Microplastics\\_Pollution\\_Water](https://www.mdpi.com/journal/water/special_issues/Microplastics_Pollution_Water)



[mdpi.com/si/38307](https://www.mdpi.com/si/38307)

# Special Issue



*water*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Dr. Jean-Luc PROBST**

Laboratory of Functional Ecology  
and Environment, 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 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 (*Water Science and Technology*)

## Contact Us

---

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

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/water](https://mdpi.com/journal/water)  
[water@mdpi.com](mailto:water@mdpi.com)  
[X@Water\\_MDPI](https://twitter.com/Water_MDPI)