Special Issue

Nano and Micro Plastic Detection and Identification in Water

Message from the Guest Editor

Micro and nano plastics (MPs; NPs) are mainly the result of the degradation of larger plastic precursors via natural and eternal stimuli, such as weather, UV radiation, oxidation, etc. MPs are identified as plastic particles with a particle diameter below 5 mm. MPs are considered one of the most important environmental concerns, because of their extremely long degredation times (via natural processes) and their inert nature. Therefore, it is extremely important to accurately identify and quantify MPs and NPs in water sources. This Special Issue will focus on bringing high quality research studies related to identifying MPs and NPs in water sources. We will be focusing on methods for the sampling, separation, purification, and identification of MPs and NPs in water. We are interested in receiving a wide range of research works, from more traditional approaches to novel methods. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/nano_micro_plastic

Guest Editor

Dr. Sarper Sarp

College of Engineering, Swansea University, Bay Campus, Swansea SA1 8EN, UK

Deadline for manuscript submissions

closed (31 January 2022)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/85103

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