Special Issue

Micro(nano)plastic Contaminants in Wastewater and Drinking Water – Occurrence, Management and Treatment Technologies

Message from the Guest Editors

In recent times, the presence of micro(nano)plastics (MNPs) in drinking water and wastewater treatment plants (WWTPs) has caused growing concerns about the integrity of treated water's quality. Although micro(nano)plastics have broad but small sizes and diverse chemical compositions, recent research on detecting and removing them via water treatment or purification techniques is still evolving. Microplastics can be formed from the breakdown and weathering of macro(meso)plastics (secondary microplastics) or as a result of the direct discharge of primary microplastic items such as fibers, microbeads, and nurdles. This Special Issue aims to compile recent original research papers, reviews, perspectives and minireviews focused on furthering our understanding of the occurrence, fate, and distribution of micro(nano)plastics during wastewater treatment process, as well as the quantification of micro(nano)plastics removal efficiency by alternative purification technologies, will be considered. We look forward to receiving your contributions.

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Deadline for manuscript submissions

closed (31 July 2023)



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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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