Special Issue

Microplastics and Microfiber Pollution in Aquatic Environments

Message from the Guest Editors

Microplastics and microfibres are a global concern. Microplastics, originate from the degradation of larger plastic items in the environment, or are directly released with this dimension through industrial and domestic activities. Due to their small size, microplastics and microfibres enter rivers, lakes, and oceans, reaching also remote areas, being transported by air currents. Once into the water environments, microplastics and microfibres can be ingested a by a wide range of organisms, leading to bioaccumulation and potential biomagnification along food chains. Moreover, microplastics act as vectors for other pollutants, exacerbating their ecological impact. The mitigation of microplastic and microfibre pollution requires comprehensive strategies, including improved waste management, textile innovation, and legislative measures. Addressing this complex issue is essential to safeguarding environmental and public health.

In this Special Issue, original research articles and reviews on microplastic and microfibre pollution in water environments are welcome. We look forward to receiving your contributions.

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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

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