



water

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Microplastics and Microfibers in Water and Wastewater: A Grand Challenge

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Deadline for manuscript
submissions:

closed (31 October 2020)

Message from the Guest Editors

There is general scientific agreement that microplastics are not only choking oceans and rivers, but that they are also in the tap water of cities around the world.

There is limited information available on the removal of microplastics and microfibers in water treatment. In addition, there is no evidence that the current water treatment process, particularly coagulation-flocculation, sedimentation, sand filtration, and activated carbon adsorption can remove these particiles.

We invite research and review papers on, but not limited to, the following research areas:

- Detection methods for microplastics and microfibers in water/wastewater
- Removal of microplastics and microfibers from drinking water
- Removal of microplastics and microfibers from wastewater
- Stability of microplastics and microfibers and subproducts of their degradation

This volume will include research from around the world to identify which technologies are effective, and what are the challenges and the vision towards improved water treatment and the characterisation of microplastics and microfibers.



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Special Issue



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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.

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