Special Issue

Analytical Methods for Microplastics Quantification in the Environment

Message from the Guest Editors

Plastic is part of all aspects of daily life, and it is difficult to imagine a modern society without it. The downside is that it breaks down into microplastics, threatening human and environmental health. Substantial research efforts have recently been allocated to the issue of microplastics and its impacts. Nevertheless there remain considerable knowledge gaps on its occurrence and fate in the environment. Analyzing for microplastics is a complex tasks as plastic is a broad group of materials and microplastics particles can have any form, size, and shape. The challenges in microplastics quantification in environmental samples relates to all steps of the analytical procedure: Sampling, sample cleanup and concentration, detection, and data treatment. This Special Issue of *Water* invites papers addressing all aspects of the analytical methods that are needed to reliably quantify microplastics in the environment.

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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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