Special Issue

Microplastics in Marine Environment: Dynamics, Monitoring and Ecotoxicity

Message from the Guest Editors

With an annual production of 350 megatons (and rising), plastic is one of the major global pollutants and collects in the ocean due to its long decomposing time. Microplastics are a multiple stressor in aquatic environments. One of the series of negative and, for the living world, dangerous effects of floating microplastic waste is also the ability of these materials to adsorb various organic and inorganic ecotoxicants from the marine environment on their surfaces with high concentration factors, hence, posing a threat to the marine environment, especially to marine organisms and, consequently, humans. The purpose of this Special Issue is to publish original, high-quality research papers, as well as review articles, addressing recent advances in marine microplastics research: new methods and developments in monitoring, advances concerning microplastic dynamics and ecotoxicity, as well as microplastics as vectors of contamination.

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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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