

## Special Issue

# Microplastics and Their Potential Effects in Aquatic Organisms and Ecosystems

### Message from the Guest Editor

Microplastics are widely reported as a common pollutant of both aquatic and terrestrial environments. Several studies have demonstrated that a wide range of aquatic organisms of varied size and across multiple trophic levels in wild conditions contain microplastics. Ingestion is the most frequent interaction between microplastics and biota and has been predominantly found in marine species. This can result in physical injury inducing inflammation and stress, or it can result in a blockage of absorptive surfaces and subsequent reduced energy intake or respiration. Nevertheless, limited data on the actual exposure, in the field, of aquatic species to microplastics is available. In this Special Issue, we explore the issue of microplastic pollution from marine and freshwater habitats on aquatic organisms, and ask for studies discussing current state-of-the-art research addressing the sources and pathways of microplastics, their accumulation, and potential effects on biota from these ecosystems. **Keywords**

microplastics  
ecotoxicological effects  
biota  
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freshwater species  
aquatic ecosystems  
oceans  
rivers  
pollutants

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### Guest Editor

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### Deadline for manuscript submissions

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