



The Interaction and Influence of Microplastics on Microbial Communities in the Marine Ecosystem

Guest Editor:

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Deadline for manuscript submissions:

closed (25 November 2023)

Message from the Guest Editor

Dear Colleagues,

Microplastic pollution can harbor diverse microbial communities, which may impact the surrounding environment. The presence of microplastics can also introduce chemical pollutants into the marine environment. How microplastics alter marine microbes' abundance, diversity, and metabolic functions in marine microbes, potentially disrupting imperative biogeochemical processes, needs to be crucially addressed. Furthermore, the interactions between microplastics and microbial communities may have cascading effects on higher trophic levels in marine food webs.

Microplastic pollution poses a significant threat to marine communities and, subsequently, to the health and functioning of marine ecosystems. In this Special Issue, we welcome submissions that promote an understanding of the influence microplastic pollution has on microbial communities, which is crucial to assess its impacts on marine ecosystems.





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Message from the Editor-in-Chief

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