



Microplastics in Water Environments: Methods, Occurrence, and Sources

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Message from the Guest Editors

As an emerging contaminants, microplastics of a diameter less than 5mm have been attracting special attention from both academics and government decision-makers since the term was initially coined by Richard C. Thompson. The concentration unit of microplastics is also kaleidoscopic. This means that microplastic data are often not directly comparable. Meanwhile, knowledge regarding the toxicity of microplastics is also debatable. Furthermore, the understanding of microplastics in different environments is in imbalance, with a significantly larger number studies available on microplastics in sediment and soil than in water.

Therefore, this Special Issue aims to cover the following aspects:

- Development of innovative methods and approaches for collection, measurement, online monitoring of microplastics;
- Identification of occurrence and sources of microplastics in water bodies such as lakes, wetland, rivers, and seas;
- Evaluation of biotoxicity of microplastics, released plasticizer, and adsorbed pollutants;
- Other themes around environmental behavior and ecological effects of microplastics in water environment.





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Message from the Editor-in-Chief

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