

Special Issue

Microplastics in the Marine Environment, Freshwater and Sewage Sludge: Occurrence and Biological Impact on Aquatic Organisms

Message from the Guest Editors

Though in recent decades, the scientific community has largely focused on the occurrence of microplastics in aquatic environments, the body of knowledge regarding the accumulation and biological effects of environmental microplastics is still significantly limited compared to that on manufactured microplastics. Therefore, this Special Issue welcomes any novel exciting research on microplastics occurrence in aquatic environments, with a special focus on the impact they might have on the ecosystem and biota, including their transfer through the food web and possible implications for human health. Studies exploring innovative methodologies for the characterization and quantification of microplastics in environmental matrices and biota, as well as for their elimination or for the mitigation of their harmfulness, or focusing on natural biodegradable materials that can replace plastics.

Guest Editors

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

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