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Microplastics



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Message from the Editor-in-Chief

Microplastics aims to provide an advanced forum for scientists to discuss the challenges faced by the ubiquitous presence of microplastics in the environment as well as their impact on human health and ecosystem services. The occurrence of microplastics (MPs) in the environment is reaching unprecedented levels, and there is worldwide concern about their adverse effects on both living organisms and the environment. The journal will publish critical reviews, research articles, and short communications, and will host Special Issues on areas of increased importance and relevance to primary and secondary MPs, including nanoplastics.

Editor-in-Chief

Prof. Dr. Nicolas Kalogerakis

Aims

Microplastics (ISSN 2673-8929) is an international open access journal on the science and technology of primary and secondary microplastics (MPs). It publishes reviews, regular research papers (articles) and short communications. Our aim is to publish papers in the field of microplastic sources, sinks and environmental fate, their potential effect on ecosystem services and human life, and mitigation measures to reduce the adverse effects of microplastics.

Scope

- Sampling, characterization, and quantification of microplastics and nanoplastics
- Microplastics and nanoplastics in agricultural soils
- Technologies of ocean cleanup of plastics, microplastics and nanoplastics
- Plastic debris and marine litter
- Fate of microplastics and nanoplastics in aquatic environments (freshwater & marine)
- Plastic, microplastic and nanoplastic pollution
- Plastic pellets in the environment—collection and mitigation
- Microfibers and nanofibers from textiles
- Environmental effects of microplastics and nanoplastics
- Human health effects of microplastics and nanoplastics
- Ecotoxicological effects of microplastics and nanoplastics
- Fate of biodegradable / bio-based plastics and microplastics
- Chemical and Biological recycling of waste plastics and microplastics
- (Bio)degradation of microplastics and nanoplastics
- Plastic waste management
- Modeling the accumulation, transport and degradation of microplastics and nanoplastics
- Migration, transformation and ecological impacts of microplastics and nanoplastics
- Legislation, policies and economic impacts

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CiteScore - Q1 (Environmental Science (miscellaneous))

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