



*toxics*



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## Fate and Effects of Micro- and Nanoplastics in Soil and Aquatic Ecosystems

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Deadline for manuscript submissions:

**closed (31 July 2021)**

### Message from the Guest Editors

This Toxics Special Issue calls for studies aiming at improving our understanding of the fate and toxicological effects of micro- and nanoplastics in the environment. Authors are invited to submit original research papers, reviews, and short communications that deal with the weathering and fractioning of plastics in the environment; their movement across environmental compartments (e.g., water runoff, soil infiltration, atmospheric deposition, river transport into oceans); their uptake and effects on terrestrial and aquatic organisms; and their direct and indirect effects on ecological food webs. Special interest is devoted to studies that focus on the monitoring of nanoplastics and their potential uptake and accumulation in living organisms; studies that assess the ecological effects of environmentally relevant plastic concentrations and mixtures (accounting for polymer type, size, and shape variability); and monitoring and modeling studies that help to understand the spatial and temporal distribution of micro- and nanoplastics at wide geographic scales. Studies that investigate the chemical side of plastics are welcome as well.



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# Special Issue