



Recent Advances on Ecological Effects of Microplastics on Soil Environment

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Message from the Guest Editor

The mass production and wide application of plastics and their derivatives have led to the release of a large number of discarded plastic products into the natural environment, where they continue to accumulate due to their low recycling rate and long durability. These large pieces of plastic will gradually break into microplastics (< 5 mm), which are highly persistent organic pollutants and attract worldwide attention due to their small particle size and potential threats to the ecosystem. Compared with the aquatic system, terrestrial systems, such as soils, as sinks for microplastics, are more susceptible to plastic pollution. However, the ecological effects of microplastics in aqueous environments raise more concerns. The purpose of the Special Issue is to bring together original research papers and reviews that highlight the importance of the scientific approach in emphasizing the ecological effects of microplastics on soil environment, providing a better understanding of the occurrence, distribution and potential ecological risks of microplastics in soil ecosystems.





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