



Textile Microfibers Pollution: Impacts, Behavior, and Mitigation

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Deadline for manuscript submissions:

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Message from the Guest Editors

Research has shown that large numbers of fibers enter the environment mainly through wastewater effluent, aerial deposition, or through the application of contaminated sludge on agricultural soils. In addition, a wide variety of chemicals are used during natural and synthetic textile production, raising concerns about the role of fibers into the environment.

This Special Issue aims to provide state-of-the-art information on the occurrence, sources, fate, uptake, toxicity, and persistence of natural and synthetic fibers in the environment, as well as the factors that influence fibres and the possible mitigation solutions. Manuscripts related to microfiber pollution, including reports on microfibers in organisms and ecosystems, analytical methodologies for sampling, characterization and analysis of textile fibers in environmental samples, ecotoxicological evaluation of microfibers impacts, the role of microfibers as vectors of environmental contaminants, quantification methods of microfibers release from textiles, mechanisms and parameters that lead to microfibers release, and mitigation measures will be considered for publication. Both articles and review papers are welcomed.





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Message from the Editor-in-Chief

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