



toxics



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Microfibers: Pollution, Toxicity and Remediation

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Deadline for manuscript submissions:

closed (28 February 2023)

Message from the Guest Editors

Dear Colleagues,

The rise in global population is directly responsible for the continuous acceleration in both the production and consumption of synthetic textiles, plastics, automobile tires etc. About 2 million tons of microfibers are dumped into the ocean every year from a wide variety of sources, including synthetic fabrics, vehicle tires, city dust, road markings, marine coatings, personal care products and plastic pellets. Microfibers are considered a new source of environmental pollution and a health issue because they can range in size from one micrometer to five millimeters. Microfibers can be consumed by aquatic animals and significantly disrupt their metabolic functions. They can also enter our food chain via the consumption of sea foods.

This Special Issue aims to showcase recent studies that represent current trends in the field of microfibers/microplastics and their pollution, toxicity and remediation techniques. Researchers and consortia working in this domain are kindly invited to submit their scientific papers as communications, full papers or reviews.



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Special Issue



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Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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