

Special Issue

Occurrence, Fate and Toxicity of Personal Care Products and Pharmaceuticals in Estuaries and Coastal Areas

Message from the Guest Editor

The increasing evidence of the occurrence of emerging pollutants (fragrance materials, insect repellents, UV filters, human and veterinary pharmaceuticals, and antibiotics in estuaries and coastal areas) is a rising concern in the scientific community. Exposure and effects on estuarine and marine species were wholly overlooked, notwithstanding coastal areas and oceans being the final repository for most of the discharged personal care products and pharmaceuticals.

This Special Issue aims to gather studies allowing the improvement of our overall knowledge on the topics: Occurrence and fate of personal care products and pharmaceuticals in estuaries and coastal environments; Bioaccumulation of personal care products and pharmaceuticals in aquatic vertebrate and invertebrates; Toxicity of personal care products and pharmaceuticals toward marine and estuarine species, including bacteria, algae, invertebrates and vertebrates, emphasising sub-lethal effects. Studies concerning biomarkers and in vivo/vitro toxicity tests are welcome. I encourage scientists to contribute with original research papers, reviews and short communications dealing with the above-mentioned topics.

Guest Editor

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Deadline for manuscript submissions

closed (15 April 2022)



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About the Journal

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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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).