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Ecotoxicology and Ecological Risks of PFAS

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Poly- and perfluoroalkyl substances (PFASs) are a large group of anthropogenic chemicals that are, or have been, used in various industrial and consumer applications. Decades of widespread global use, combined with the persistence and high mobility of many PFASs, has resulted in global contamination of the environment and wildlife. Despite multiple regulatory measures, the persistence of terminal PFAS products, their global presence, and ongoing usage result in wildlife being continuously exposed to these substances. The relative lack of toxicological data for most PFASs is an uncertain factor in ecological risk assessment (ERA). There are very few globally established effect-based thresholds for the effects of PFASs on the environment, and most of the available thresholds are only for PFOS and PFOA in freshwater aquatic species. As data on the toxic potential of many PFASs are lacking, (sub-)lethal long-term effects, including for PFAS mixtures, cannot be ruled out.

For this Special Issue, I invite high-quality original research papers, short communications, and reviews focusing on the toxic effects of PFASs to non-human organisms and their related environmental risks.

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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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