



Risk Assessment of Emerging Contaminants in Aquatic Ecosystems

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Message from the Guest Editors

Dear Colleagues,

Emerging contaminants (ECs) occur on a global scale and encompass a number of lifestyle compounds. There are 4 major categories of ECs that are of concern worldwide: persistent organic pollutants, endocrine disruptors, antibiotics, and microplastics. These substances have been documented regarding their biotoxicity, environmental persistence, bioaccumulation, and widespread detection in aquatic systems, raising concerns about the possible adverse effects on human health. Thus, the surveillance of ECs and the assessment of the potential risk is pivotally important. This Special Issue aims to better understand the exposure to ECs, the risks such contaminants may pose to human health, and how that information can inform policy and regulation. Areas of interest for this Issue include but are not limited to:

- Occurrence, transport, and fate of ECs in the aquatic environment
- Toxicity of ECs to aquatic organisms
- Exposure and effect assessment of ECs for human health
- Studies assessing health effects of real-world exposure to ECs
- Combined toxicity of ECs
- Quantitative structure–activity relationships (QSARs) of ECs





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Message from the Editor-in-Chief

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