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Ecotoxicological Risk in Aquatic Environments

Guest Editor:

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Deadline for manuscript submissions:
closed (30 September 2023)

Message from the Guest Editor

The assessment of the environmental quality of aquatic environments is of crucial importance to evaluate and classify the status of water bodies and sediments by integrating different quality elements, and to identify suitable management or remediation options.

The integration of data obtained by multidisciplinary approaches represents an undisputed added value compared to the analysis of individual lines of evidence, and better supports complex processes of ecological risk assessment.

In this approach, ecotoxicological analyses are elaborated, and are usually integrated with chemical ones obtaining a synthetic risk index. The indexing of ecotoxicological responses weights measured endpoints, tested matrices, times of exposure, and the magnitudes and statistical differences of effects compared to specific thresholds for all the assays of the battery.

Welcome research and review papers dealing with the assessment of ecotoxicological hazards and consequent risks to aquatic environments, including marine, fresh and brackish waters to "Ecotoxicological Risk in Aquatic Environments".

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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