



water

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Advances in Aquatic Pollution Assessment and Management

Guest Editor:

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Message from the Guest Editor

There are many challenges for identifying those contaminants, causing environmental harm and taking appropriate actions to address pollution. It is not possible to screen for all chemicals, and new chemicals constantly appear on the market for a broad range of. Many of these chemicals end up polluting aquatic environments and impacting their ecosystems. Biological surveys can identify the condition of an ecosystem, but it is difficult to determine what contaminant or other factors are the major causes of environmental stress. A broad range of approaches can be used to develop a strong body of evidence to identify the priority contaminants causing environmental harm. These include robust approaches to detect and measure chemicals, ecotoxicological tests of waters and sediments, ecological surveys, and assessment of key bioindicator species using biomarkers. We welcome papers that illustrate ways that priority contaminants impacting aquatic ecosystems can be identified and how such pollution can be successfully prevented. This pollution prevention can occur through regulation, education, working with the polluters to improve practises or through online treatment of runoff.



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Special *Issue*



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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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