# Special Issue

# Aquatic Ecotoxicology: A Tool for Monitoring the Effects of Anthropogenic Chemical Contamination on Fisheries and Aquaculture

## Message from the Guest Editors

Aquatic ecotoxicology, using multidisciplinary approaches, studies interactions among pollutants and biological systems at different levels of the organization, from molecules to communities and the ecosystem. These studies could contribute to the development of an efficient strategy for the security control of the livelihoods provided by fishing and aquaculture and to identify bioactive substances counteracting the effects of environmental contaminants. In fact, to avoid negative consequences for human health, studies of contaminant effects at a lower level of biological organization, by means of molecular biology, biochemistry, cell biology and physiology, could develop sensitive tools to ensure we are provided with early warnings of threats to aquatic organisms utilized for human consumption produced by fishery and aquaculture. For this Special Issue, we encourage reviews and original research focused on monitoring and preventing human health potential risks and on the identification of bioactive substances counteracting contaminant adverse effects.

*Assistant*

## Guest Editors

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## Deadline for manuscript submissions

closed (28 March 2024)

**Water**

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Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/145647

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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.

## Editor-in-Chief

Dr. Jean-Luc PROBST
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