

Special Issue

Aquatic Ecotoxicology and Environmental Contamination

Message from the Guest Editors

The release and accumulation of pollutants in the aquatic compartment represent environmental threats of growing concern for the ecosystem and human health, as well as affecting the availability of pure water for different purposes. While there is a large body of literature dealing with the presence and the consequences on biological organisms of the xenobiotic compounds in the marine environment, information on these issues targeting the freshwater ecosystem are still fragmentary. In particular, the effects of emerging contaminants on freshwater biota are a matter of growing attention for environmental risk assessment. Due to the particular physico-chemical characteristics of the emerging pollutants, all the representatives of the aquatic biota are under threat.

The Special Issue is devoted to acquiring new information on the impact of conventional and emerging pollutants on the freshwater ecosystem, targeting both plants and invertebrates. In this context, studies dealing with the ecotoxicological assessment involving model organisms, physiological and biomolecular mechanisms, and novel biomonitoring indices will be particularly welcomed.

Guest Editors

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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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