

Special Issue

Freshwater Communities in Human-Altered Ecosystems

Message from the Guest Editors

Rapid human-induced environmental changes, such as warming, nutrient enrichment, habitat fragmentation, and pollution, pose threats to global biodiversity and the functioning of aquatic ecosystems. Macroinvertebrate communities are an important part of aquatic ecosystems, aquatic macroinvertebrates are frequently used for biomonitoring, being able to either respond quickly to deteriorated conditions and/or to bioaccumulate xenobiotics entering water recipients. Although changes could not mean the disappearance of particular species, their behaviour, physiology or life cycle could be altered, affecting the ecosystem's functioning. However, our knowledge about the ecological effects of the mentioned human-induced changes to aquatic ecosystem is very limited. Therefore, the topic of the current Special Issue is more complex, providing a platform to gather information about macroinvertebrate communities, taxonomic groups or single species and their responses to various stressors linked to human activities.

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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