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The Impact of Environmental Changes and Human Activity on Aquatic Ecological Diversity

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Message from the Guest Editors

Rapid industrialization and economic development have led to the unprecedented transformation of different freshwater ecosystems and, consequently, to the loss of biodiversity. Urbanization, agricultural land uses, urban and industrial wastes, draining of wetlands and pollution discharges have changed the aquatic environments globally, which has affected aquatic riparian- and biodiversity. Human activities, industrial discharges, and pollution can manifest as alterations in the physical and chemical parameters of the water, and changes in the structure of biological communities. How human activity puts strain on aquatic environments and aquatic ecological diversity is one of the most important concerns in aquatic ecology currently. In this Special Issue, entitled “The Impact of Environmental Changes and Human Activity on Aquatic Ecological Diversity”, we review and contrast the various impacts of human activity on streams, rivers, water bodies, lakes, and associated systems and thus on the diversity of aquatic organisms.

For more details, please find at:

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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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