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Disentangling Influences of Natural and Human Factors on Aquatic Ecosystems

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Message from the Guest Editors

The characteristics of aquatic systems are determined by natural factors (e.g., geology, soil, topography, climate, biotic dispersal and accessibility) and anthropogenic factors (e.g., changes in land use/cover, intensity of point and non-point pollution, ecoservice extraction, unintended feedback of resource management, invasive species, population density and migration) at different temporal and spatial scales. In addition, human-induced climate change has a strong influence on both natural and anthropogenic factors. Hence, it is imperative to include and distinguish natural and anthropogenic factors in the study of aquatic ecosystems, in order to improve science and natural resource management. This Special Issue focuses on the developments, evaluations, reviews, and applications of conceptual frameworks and statistical methods applicable to disentangling the effects of natural environment and human disturbances [...]

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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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