Special Issue

The Impact of Climate Change and Human Activities on Aquatic Environments

Message from the Guest Editor

Precious water resources have increasingly been affected by climate change and human activities. Extreme weather has brought more challenges to a lot of fragile water ecosystem. In many areas, human activities, including the industrial, agricultural, and domestic sectors, have exacerbated water shortages and contamination, as a result of insufficient water monitoring and regulation. Recently, much research has been devoted to conducting field studies and developing new models to simulate the impact of climate change and anthropogenic activities on water environments, in order to understand the complex dynamics under various scenarios. This Special Issue welcomes articles dedicated to all aspects of the impact of climate change and human activities on aquatic ecosystems. Papers on field studies may focus on, but are not limited to, eutrophication, biogeochemical cycles, acidification, and emerging pollutants (e.g., microplastic) in the aquatic environment. Articles on modeling may include, but are not limited to, developing new models or applying current models to research water quality or water cycles.

Guest Editor

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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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