Special Issue

Anthropogenic and Geoenvironmental Impacts on the Hydrosphere: Diagnosis, Monitoring, Assessment, and Sustainable Management

Message from the Guest Editor

Anthropogenic activities and geoenvironmental processes have drastic effects on the hydrosphere, while often, it is rather difficult to distinguish the geoenvironmental signature from the one induced by anthropogenic activities. Anthropogenic and geoenvironmental adverse effects on the hydrosphere are a global problem that directly impacts human health, water resources, food security, wildlife, biodiversity, and ecosystems. Anthropogenic influences on the hydrosphere cover altered land use, pollution, and industrial, agricultural, and mining activities. Geoenvironmental impacts on the hydrosphere enfold effects related, among others, to geological processes, natural disasters, leaching from the soil, weathering of rocks and sediments, geochemical processes, and biological processes in the aquatic environment. The hydrosphere faces a host of severe threats, including pollution, eutrophication, geological hazards, extreme temperatures, sea-level rise, soil erosion, wildfires, hurricanes [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/anthropogenic_geoenvironmental_impacts_hydrosphere

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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