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Human Impact on Water Resources

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Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editors

This Special Issue aims to gather novel and innovative works of general interest for the broad audience of the journal related to the environmental implications of ever-growing human activities, with a particular emphasis on the changes these are inducing on water resources. Global demand for water is projected to outstrip supply by 40% in 2030 and 55% in 2050 as a result of climate change, rising population, economic growth, rapid urbanization, and increased water–energy–food nexus pressures. Humans are thus now facing the critical challenge of preserving our water resources from biological and chemical contamination induced by its own point and diffuse sources. Addressing this challenge will require an overview holistic system approach by addressing new issues and emerging contaminants, as well as embedded multiple exposures to ultimately be able to achieve a comprehsensive environmental and [...]

For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Human_Hydrogeological

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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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