# Special Issue

# River Ecological Restoration and Groundwater Artificial Recharge

## Message from the Guest Editors

There is a strong relationship between river and groundwater in nature. With the large-scale exploitation of riverside groundwater resources, this has caused adverse ecological impacts on the river and groundwater environment, such as water table depression, land subsidence, dried up rivers and even dry-up, and vegetation degradation. Using ecological replenishment of the river to increase groundwater recharge is an important method of managed aquifer recharge (MAR), which can effectively solve the problem of groundwater overextraction, increase river flow, and improve water quality. There are still many scientific and technical problems due to the diversity of replenishment water sources and the complexity of the infiltration process and hydrogeochemical reactions, although many such water replenishment practices have been carried out worldwide—for example, the clogging of the infiltration process, the groundwater quality change caused by unpredictable hydrogeochemical reactions [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/artificial_recharge

## Guest Editors

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## Deadline for manuscript submissions

closed (31 March 2022)

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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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