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The Qualitative and Quantitative Management of Groundwater Resources in Urban Areas

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the fair use of groundwater resources in anthropic environments. The goal is to gather manuscripts that discuss different topics related to the groundwater resources, such as flow processes and modeling, remediation, irrigation, shallow geothermal energy exploitation, and environmental impact assessment, among others. For each topic, it is important to conduct analyses supported by experimental data and/or analytical and numerical methods. In this Special Issue, contributions related to the following topics of interest are welcome:

Flow processes in porous media and fractured rocks;
Groundwater management in urban areas;
Rising groundwater levels and groundwater flooding;
Coupled hydraulic, thermal, chemical, and biological processes;
Groundwater/surface water interactions;
Innovative practices for drought resilience;
Reactive transport processes in the vadose zone and saturated portions of aquifers.

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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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