Special Issue

Challenges and Prospects of Integrated Groundwater Management

Message from the Guest Editor

At present, more than 1.5 billion people in the world rely on groundwater as their main drinking water source. With the development of groundwater pollution from recessive to dominant, from simple pollution to complex pollution, coupled with the continuous decline of groundwater level and the continuous increase in groundwater exploitation, this not only worsens the current situation of water shortages, but also poses a great threat to ecological balance and human health. In view of the problems existing in the utilization of water resources and ecological environment, it is necessary to carry out comprehensive groundwater management and pollution control, so as to provide scientific theoretical support for global groundwater utilization management and quality improvement. The purpose of this Special Issue is to publish original, high-quality research papers, as well as review articles, to discuss the latest progress in the research of integrated groundwater management: new methods and development of monitoring, experiment and evaluation, including water resource utilization, groundwater quality evaluation, groundwater environmental remediation and ecotoxicity.

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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