



Groundwater Resources Management: Reconciling Demand, High Quality Resources and Sustainability

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Message from the Guest Editors

Dear Colleagues,

The prospect of a world population of 9 billion by 2050, growing urbanisation, intensive irrigated agriculture and climate change will add extra pressures on the water resources and the environment. The availability of high-quality freshwater is a decisive factor for socio-economic development. Water scarcity occurs in many countries—particularly in the Mediterranean, Middle East, Africa, etc.—that are confronted with a crucial combination of a severe lack of and increasing demand for high-quality water. World water resources seem abundant; however, only 0.7% of this total amount is usable water. Serious water pollution problems make 1/5 of the world's population (approximately 1.1 billion people) at risk of water-related diseases. Competition for water made scarce by intensive irrigation is already a major source of conflict in arid and semiarid areas.

Groundwater is worldwide the main source of domestic supply and irrigation. [...]

For further reading, please follow the link to the Special Issue [Website](https://www.mdpi.com/journal/water/special_issues/groundwater_Management) at:
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Message from the Editor-in-Chief

The relevance of water in human development and sustaining life, fuels general and scholarly interest in the world's water resources. A better understanding of all aspects of water and its relation to food supply, energy production, human health, and the functioning of ecosystems is key in managing this precious resource in a sustainable, efficient and equitable manner. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications. We ensure a critical review process and a quick turnaround between submission and final decision.

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