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Groundwater Resilience to Climate Change and High Pressure

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30 June 2019

Message from the Guest Editors

Groundwater has over the past few decades become a fundamental resource for social, economic and environmental sustainability. Human well-being, livelihoods, ecosystems, industries, agriculture and urban development are more and more reliant on groundwater. Groundwater development should therefore be carefully managed to fully benefit from its potential, to protect its quality and to guard against the over-exploitation of aquifers.

The sustainability of groundwater is on the one hand linked to policy issues influencing water and land use, and represents one of the major global challenges in natural resource management. On the other hand, groundwater is technically complex. Practical advances in this field are urgently needed, so that technical experts and water managers can reach a common understanding. There is also a need to integrate groundwater and surface water management to ensure better overall water management and allocation.

Papers on the following subjects are welcomed:

• Impact of growing pressures and threats (increasing demands, land use changes, drought, over-exploitation) on groundwater resources and related ecosystems.
• Groundwater and climate change. Resilience and importance of groundwater in adapting to global change.
• Groundwater monitoring and modelling. Novel approaches to characterizing the spatial–temporal distribution of water resources.
[...]

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

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Editor-in-Chief

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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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