Special Issue

Editorial Board Members' Collection Series: "Managed Aquifer Recharge and Management"

Message from the Guest Editors

A key water management strategy during climate change is to store excess water during wet periods for later use during dry periods using various methods and is termed Managed Aquifer Recharge (MAR). MAR can be used to manage peak demands during utility operation by storing treated water during periods when excess water is available to recover the treated water during peak demand periods. MAR can also be applied to the restoration of depleted aquifers and the long-tern freshening of aquifers containing brackish water. The timeframe of MAR projects may vary from annual use to decades where excess water can be injected into saline-water aquifers to freshen them.

Papers can be submitted on the following subject: aquifer storage and recovery of treated water, aquifer storage and recovery of partially treated surface water, aquifer storage and recovery of highly treated wastewater, managed aquifer recharge to freshen saline water aquifers, aquifer injection of treated wastewater to prevent land subsidence, injection of freshwater to manage saltwater intrusion using wells, use of infiltration basins to increase aquifer recharge rates, and other combinations of managed aquifer recharge.

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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

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