



Satellite Data Assimilation for Groundwater Analysis

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Message from the Guest Editors

Groundwater is increasingly in demand for municipal, agricultural, and industrial uses. Climate change has resulted in severe droughts, which further stress groundwater resources. Water managers are increasingly under pressure to manage aquifers in a sustainable fashion, but doing so requires a thorough understanding of aquifer dynamics, water balances, and how groundwater levels and storage are changing over time. Groundwater monitoring can be time-consuming and expensive and is especially difficult in developing countries where well data are both sparse and unreliable. Recent technological advances in remote sensing, data

Deadline for manuscript submissions:

closed (30 November 2023)





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