Special Issue

Sustainable Groundwater Management and Mitigation of Land Subsidence: Evaluating Environmental Impacts and Resilience Strategies

Message from the Guest Editors

This Special Issue aims to highlight recent scientific and technical advancements in understanding and addressing the complex interactions between groundwater over-extraction and land subsidence.This Special Issue will focus on the advancement of knowledge regarding the hydrogeological processes that affect groundwater flow and land stability, with innovative strategies for the monitoring, measurement, estimation, and sustainable management of groundwater and land use.

We especially welcome papers that propose novel approaches to effective groundwater management, introduce monitoring techniques, develop advanced modeling, and explore resilience-building strategies that counter land subsidence. We encourage related scholars and policymakers to contribute to this Special Issue in order to foster a comprehensive and multidisciplinary dialogue concerning these urgent environmental challenges. For more details, please find at:
https://www.mdpi.com/journal/water/special_issues/01GYLUK6OF

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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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