

Special Issue

Groundwater Depletion: Current Trends and Future Challenges to Mitigate the Phenomenon

Message from the Guest Editors

The 'ambition for this [Special Issue](#) is to encompass articles dealing with:

- Efficiency/Adequacy of global and regional strategies;
- Scale effect: from global scale to regional and aquifer scale;
- Spatiotemporal distribution of groundwater depletion;
- The role of snow variability in groundwater depletion;
- The importance of temporal (from seasonal to high frequency monitoring) and spatial scales;
- Managed/Artificial aquifer recharge for mitigate groundwater depletion;
- Groundwater modelling impact and adequacy to study groundwater depletion;
- Integrated strategies for groundwater quantity and quality protection;
- Linking protection zone delineation of springs/wells with groundwater depletion;
- Impacts of groundwater depletion in groundwater quality;
- The role of the critical zone in groundwater depletion;
- The role of mis-management in groundwater depletion;
- The role of climate change/variability in groundwater depletion.

Guest Editors

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Deadline for manuscript submissions

closed (25 November 2024)



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About the Journal

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

Dr. Jean-Luc PROBST

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