

Special Issue

Flow and Transport Processes in Groundwater Systems

Message from the Guest Editors

The Special Issue on “Flow and Transport Processes in Groundwater Systems” focuses on recent advances and prospects of groundwater studies including, but not limited to:

- Fundamental investigations addressing various experimental techniques, mathematical and numerical modeling of physical mechanisms for fluid momentum, and energy ranging from inertia to drag dominant balances, stochastic and deterministic methods, big data decision support, management strategies, and experience learned from case studies;
- Monitoring and prediction of groundwater flow and solute migration at different spatial and temporal scales, hydrogeochemistry, karst, freshwater–saltwater interactions, groundwater contamination, remediation, risk analysis, and protection;
- Effect of heterogeneity on dynamic and distribution of contaminants, calibrating flow and transport models, and uncertainty associated with predictions and observations.

[...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/Flow_Transport_Processes

Guest Editors

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Deadline for manuscript submissions

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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

Dr. Jean-Luc PROBST

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