

## Special Issue

# Hydrological and Hydrochemical Drivers of Solute Export from Watersheds

### Message from the Guest Editors

This Special Issue of *Water* focuses on the interdisciplinary aspects of studies of solute export from watersheds. Solute export is the process of transporting soluble material from the land surface to aquatic environments, such as streams, rivers, lakes, reservoirs or the ocean. Soluble materials include dissolved chemicals, nutrients, radionuclides, trace metals and other chemical or microbial constituents, some of which may be toxic pollutants. The process of solute export is driven by surface and subsurface runoff or groundwater flow, and is dependent on the watershed chemical composition. Tracer methods are useful for studying solute export processes, as they can be used to identify the sources of runoff and the interaction of runoff and groundwater at the catchment scale. Natural tritium migration research is an important example of a tracer method. Radionuclides accidentally released into the environment from nuclear facilities are also used as tracers that can interact with sediments. [...] For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/water/special\\_issues/8D7KYSW2AK](https://www.mdpi.com/journal/water/special_issues/8D7KYSW2AK)

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2025)



## Water

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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.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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