

Special Issue

Virtual Water Trade and Transboundary Water-Energy Security Frameworks

Message from the Guest Editor

Water and energy are interdependent critical resources facing growing stress from climate change, population growth, and uneven distribution. Effectively addressing transboundary Water-Energy security requires integrated and interdisciplinary approaches. This Special Issue invites original research and policy analyses related to, but not limited to, the following topics:

- Virtual water trade
- Transboundary water governance
- Energy-water nexus
- Sustainable development
- Environmental economics
- Water-energy-food nexus

We welcome global and regional case studies, model-based research, and novel frameworks supporting resilient resource cooperation. Interdisciplinary submissions from economics, environmental science, management, and other relevant fields are encouraged.

Contributions may include:

- Theoretical and empirical studies
- Quantitative and qualitative analyses
- Policy reviews and forward-looking perspectives

We look forward to your submissions.

Guest Editor

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Deadline for manuscript submissions

closed (25 March 2026)



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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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