

## Special Issue

# The Observation and Modeling of Surface Air Hydrological Factors

### Message from the Guest Editors

Evapotranspiration (ET) is of pivotal significance in the water, energy, and carbon cycles that occur between the Earth's surface and the atmosphere. It encompasses the processes of evaporation from soil, wet canopies, and water bodies, as well as transpiration from leaves.

The accurate measurement of ET is paramount in order to accurately evaluate the regional and global water and energy budgets.

This Special Issue has been conceived with the aim of showcasing the latest progress in the observation and modelling of ET, addressing existing challenges and exploring future research directions. Original research articles, review papers and technical investigations are invited, with a particular focus on the following subjects: Advancements in models for ET estimation; Ground and remote sensing observations of ET; Validation and evaluation of ET algorithms and products; Application of ET observations and products. We encourage submissions that highlight interdisciplinary approaches, innovative methodologies, and their implications for practical applications in the water and thermal study.

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### Guest Editors

Dr. Xin Pan

Dr. Jiaxin Jin

Dr. Lisheng Song

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### Deadline for manuscript submissions

20 October 2025



## Water

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CiteScore 6.0



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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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