Special Issue

Advances in Evaporation and Evaporative Demand

Message from the Guest Editors

The objective of this Special Issue is to define and discuss several ET terms, including potential, reference, and actual (crop) ET, and present a wide spectrum of innovative research papers and case studies. We, therefore, encourage researchers and experts to present their innovative contributions in the following areas:

- New techniques for estimating evapotranspiration and comparative analysis of different evapotranspiration models
- New methodologies for estimating evapotranspiration and evaporation in temporal time scales from hourly to monthly
- Global and local calibration of parsimonious PET model in data scarce areas using limited climate data
- Advanced techniques for quantifying evapotranspiration spatial variability
- Calibration of large-scale hydrological model using evapotranspiration spatial products
- Micrometeorological evapotranspiration modeling focusing on smart farming
- Modeling Evapotranspiration for precision irrigation purposes
- Weather forecasting model associated with the hydrological modelling and optimal irrigation scheduling
- Remote Sensing application for evapotranspiration assessment

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Deadline for manuscript submissions

closed (31 January 2022)



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About the Journal

Message from the Editor-in-Chief

Hydrology is the study of the waters of the Earth. Hydrology has close ties with hydraulics, hydrogeology and the multiple sciences that study the atmosphere, the land surface, the soil and the subsoil, and ranges from complex problems of risk, forecasting and optimization of water resources to interactions with ecological, urban, social and economic systems. The purpose of *Hydrology* is then to provide a journal where research results and real-world problems can be presented and discussed in order to bridge the traditional gaps between the academic world and the professionals and decision makers. Therefore, Hydrology, invites authors to submit their original theoretical, field, experimental, and numerical studies on hydrology with strong emphasis on multidisciplinary approaches and interdisciplinary topics, which cross the typical boundaries of our science.

Editor-in-Chief

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