

Special Issue

Advances in Land Surface Hydrological Processes

Message from the Guest Editors

The availability and distribution of water resources in different forms and their exchanges through the land surface and atmosphere is the most critical factor for habitability on any planet. The land surface, subsurface and the atmosphere are the principal components for water exchange through vertical and horizontal mass fluxes. Through this special issue we invite the contributions from researchers working in planetary land surface hydrology. The contributions may involve advancement in the use of remotely sensed data, development and application of hydrological models and use of in situ observed data for reconstruction of past and future hydrological processes. We strongly encourage the researchers working in the hydrology of snow, glaciers and permafrost to submit their work in this topical collection. The contributions related to water exchange between land surface and atmosphere over large spatiotemporal range are equally encouraged to be submitted. We look forward to your excellent contributions!

Guest Editors

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Dr. Lydia Sam

Dr. Javier Martin-Torres

Deadline for manuscript submissions

closed (31 August 2022)



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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubAg,
GeoRef, and other databases.

Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Earth-
Surface Processes)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 18.6 days after
submission; acceptance to publication is undertaken in 2.8
days (median values for papers published in this journal in
the first half of 2024).