

## Special Issue

# New Perspectives in Ecohydrological Studies: Understanding the Water Cycle in Forest Ecosystems under a Changing Climate

### Message from the Guest Editors

Forest ecohydrology is an inherently cross-disciplinary field combining hydrology; ecology; meteorology; biology; and geology to better understand, quantify, and simulate the complex ways forests influence the water, carbon, and energy cycles. Forests impact the dynamics of these systems in numerous ways, making it challenging to study biophysical feedback and controls at multiple spatiotemporal scales. As our climate continues to change and shifting patterns of temperature and precipitation result in droughts, fires, floods, and other disturbances, it is critical to understand how diverse landscapes and landcover will respond. In this context, this Special Issue welcomes multiscale studies of forest ecohydrology with an emphasis on novel methods and models to explore vegetation feedback between subsurface land and atmosphere. This includes, but is not limited to, studies of the influence of forest composition, structure, and function on ecosystem fluxes; mechanistic and modeling approaches to understand hydrodynamics in the soil–plant–atmosphere continuum; and research focusing on forest responses to short- or long-term disturbances.

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### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2024)



## Forests

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## About the Journal

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*Forests* (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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### Editor-in-Chief

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