

## Special Issue

# Climate Stress Impacts on Forest Ecosystem Water Dynamics

### Message from the Guest Editors

This Special Issue seeks to enhance the synthesis of our process-based understanding of water dynamics in various forest ecosystems under climate-induced stressors. We invite the research and scientific community to contribute by submitting innovative studies on the following topics:

- Hydrological cycles and forest ecosystems;
- Forest water resilience in a changing climate;
- Vegetation's adaptation to water stress;
- Drought and soil water availability;
- Biodiversity and water interactions;
- Extreme weather events and forest water dynamics;
- Hydrological and erosion modeling;
- Remote sensing in forest hydrology;
- Post-fire hydrological impacts;
- Water-related ecosystem services;
- Water-related management practices;
- Tree line shift and climate change.

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### Guest Editors

Dr. Athanassios Bourletsikas  
Dr. Nikolaos Proutsos  
Dr. Stefanos Stefanidis

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### Deadline for manuscript submissions

closed (30 September 2025)



## Forests

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## About the Journal

### Message from the Editor-in-Chief

*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

Prof. Dr. Giacomo Alessandro Gerosa

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indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

#### Journal Rank:

JCR - Q2 (Forestry) / CiteScore - Q1 (Forestry)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).