

Special Issue

Advances in Tree Physiology and Ecology under Drought Stress

Message from the Guest Editors

Drought has had a prominent impact on tree growth and its related ecological processes in the context of global climate change. This Special Issue of *Forests* aims to publish studies that contribute to the mechanistic understanding of tree physiology and ecology under drought stress conditions. The research is not limited to tree species; any other woody species including shrub and woody liana also fit within the scope. Original research papers, reviews and meta-analyses are all welcome. This Special Issue includes, but is not limited to, the following topics:

- Physiological performance of trees under drought stress and the associated recovery mechanisms.
- Drought-induced mortality mechanisms of trees and their relationship with plant water use strategies.
- The mechanisms of mycorrhizal fungi in assisting the drought tolerance of trees.
- Novel methods in the study of tree physiology under drought stress.
- Relations between tree water use strategies and community assembly or ecosystem processes.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2024)



Forests

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CiteScore 4.6



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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).