

## Special Issue

# Drought Tolerance in ☒Trees: Growth and Physiology

### Message from the Guest Editors

The increasing frequency and intensity of drought events worldwide pose significant challenges to forest ecosystems, affecting tree growth, survival, and ecosystem functioning. As the backbone of many terrestrial ecosystems, trees play a critical role in maintaining biodiversity, carbon storage, and water cycles. Understanding the mechanisms that underpin tree responses to drought is, therefore, pivotal to predicting and mitigating the impacts of climate change on forests.

This Special Issue, "Drought Tolerance in ☒Trees: Growth and Physiology", aims to bring together cutting-edge research and synthesis on how trees respond to drought at various scales, from molecular to ecosystem levels. By highlighting the latest advances in this field, we hope to foster interdisciplinary collaborations and inspire innovative strategies for forest management and conservation under changing environmental conditions. The Special Issue welcomes contributions that explore the multifaceted responses of trees to drought.

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### Guest Editors

Dr. Guangqi Zhang

Dr. Yang Cao

Dr. Peipei Jiang

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### Deadline for manuscript submissions

31 August 2025



## Forests

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### 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

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