

## Special Issue

# Drought Resilience of Forest Trees

### Message from the Guest Editor

The increasing occurrence and severity of droughts is one of the major factors determining structural and functional changes in forests. Tree resilience, including the resistance to and response following drought events, probably incorporates a complex set of processes regulated at several scales, from genes to the ecosystem level. Understanding the mechanisms that mediate drought-induced tree mortality is critical to model and take sound science-based management decisions towards having drought-resilient forests. Forest management approaches such as the use of mixed-species stands, resilient tree provenances, or the control of tree density or understory cover may be determinant in increasing forest resilience to drought. This Special issue is open to original contributions on tree resilience to drought, including studies on the mechanisms of tree resilience and the interaction of drought with other global change drivers. We strongly encourage studies relating tree functioning and management practices to increasing tree resilience to drought.

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### Guest Editor

Dr. Maria C. Caldeira

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### Deadline for manuscript submissions

closed (15 September 2021)



## 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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