# Special Issue

## Emerging Principles of Tree Biology in the Omics Era

### Message from the Guest Editors

This Special Issue of *Forests* will feature reviews and opinion papers on "Emerging Principles of Tree Biology" based on contributed and invited presentations of a workshop hosted by the Schatz Center for Tree Molecular Genetics at Penn State University. Articles may include such topics as: Interactions at the rhizosphere microbiome, tree-pest, and tree-to-tree defense interfaces; Tree architecture and its role in abiotic and biotic stress resistance; The evolution of reproductive life history traits in trees and their implications for adaptation to rapid climate change; Landscape genetics for understanding the impacts of silvicultural management practices in sustaining the ecology of forests; The role of wood-based biomaterials in achieving renewable carbon-neutral industries; and others. Keywords

- tree biology advances
- woody perennials
- integrated research
- emerging principles

### Guest Editors

Prof. Dr. John E. Carlson

Prof. Dr. Albert G. Abbott

Dr. Kimberly Bohn

### Deadline for manuscript submissions

closed (31 December 2021)

# Forests

# About the Journal

### Message from the Editorial Board

*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.

### Editors-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.9 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2024).

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