

## Special Issue

# Biological Control and Management of Tree Diseases and Insect Pests in Forests

### Message from the Guest Editors

This Special Issue of *Forests* focuses on advancing sustainable strategies to combat forest health threats through biological control and integrated management. We invite contributions addressing the ecology, mechanisms, and application of biocontrol agents such as predatory insects, parasitoids, microbial inoculants (e.g., *Beauveria bassiana*, *Bacillus thuringiensis*), and plant resistance inducers. Key themes include novel biocontrol agents, genomic insights into host–pathogen interactions, and the role of forest biodiversity in pest suppression. Submissions may also explore synergies between biological control and traditional practices (e.g., silviculture, phytosanitation) or emerging technologies (e.g., remote sensing, AI-driven monitoring). We welcome original research, meta-analyses, reviews, and case studies emphasizing scalability, ecological safety, and socioeconomic feasibility. Interdisciplinary studies bridging molecular biology, ecology, and forest management are particularly encouraged.

### Guest Editors

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### Deadline for manuscript submissions

30 November 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

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