

Special Issue

Forest Entomology and Phytopathology: Contemporary Challenges in Forest Conservation

Message from the Guest Editors

This Special Issue focuses on the increasing threats to forest ecosystems posed by climate change and other environmental stressors. Rising temperatures and prolonged periods of drought are weakening tree resilience, making forests more susceptible to biotic threats such as secondary insect pests and pathogenic fungi. In addition, new challenges are emerging, including the spread of invasive species, mistletoe infestation, and the rising frequency of extreme weather events such as windstorms and wildfires. These dynamics require a redefinition of current forest protection strategies and the development of effective, science-based approaches to maintain the health and biodiversity of forests.

Relevant topics include fungal pathogens in nurseries and forest stands, pest outbreaks and control measures, invasive species, and the impact of abiotic stressors such as drought and fire. We also strongly encourage contributions focusing on urban forestry, including the specific challenges faced by trees in urban environments, their vulnerability to climate change, and strategies for enhancing the resilience and biosecurity of urban trees.

Guest Editors

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Deadline for manuscript submissions

28 February 2026



Forests

an Open Access Journal
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Impact Factor 2.5
CiteScore 4.6



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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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