

## Special Issue

# Forest and Urban Tree Pathology and Entomology: Diagnosis, Biology, Ecology and Control

### Message from the Guest Editors

Forests and urban trees provide essential ecosystem services and contribute to human health, the economy, and society. However, with an increase in global trade and climate change, trees are at risk from the resurgence of native species and the introduction of invasive insects and pathogens. A crucial towards effective forest management is the early detection of pest and disease attacks, which has been made easier in recent years by the development of molecular and AI-powered pest and disease detection systems. However, a greater understanding of the mechanisms driving the emergence of native and the invasion of non-native insects and pathogens is also required.

Thus, forest and urban tree pathology and entomology are more important than ever in preserving the resilience and diversity of forest and urban ecosystems. A wide range of studies, including those on population biology, epidemiology, ecology, defense mechanisms of plants against pathogen infection and insect infestation, early detection and identification of insects and pathogens, integrated pest management, including novel technologies for the management of insect pests and diseases, and much more.

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### Guest Editors

Dr. Milica Zlatkovic

Dr. Roman Modlinger

Dr. Jovan Dobrosavljević

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### Deadline for manuscript submissions

closed (30 November 2024)



## Forests

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### Editor-in-Chief

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