

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.

Guest Editors

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Deadline for manuscript submissions

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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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