

## Special Issue

# Plant-Insect Interactions in Forests

### Message from the Guest Editors

This Special Issue focuses on analysing the dependencies between plants and insects in the context of forests, citing the current research and key aspects of these interactions. Forest plants have evolved to develop intricate defence mechanisms against herbivores, and in response to these strategies, insects adapt to feed and survive. Analysing processes such as the production of defensive substances or symbiosis with microorganisms allows us to delve into the mysteries of these complex relationships. Understanding these adaptations becomes crucial in the context of environmental changes and threats to forest biodiversity. Through the synthesis of the latest research on interactions between plants and insects in forests, this Special Issue aims to expand our knowledge of these processes and their impact on forest ecology. Understanding these relationships is crucial for scientists and practitioners involved in environmental protection and sustainable forest management. **Keywords** phytophagous insects insect–plant relationships defence mechanisms of woody plants stability of forest ecosystems tree–phytophagous–antagonist trophic chains phytophagous outbreaks

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### Guest Editors

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Dr. Radoslaw Witkowski

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### Deadline for manuscript submissions

closed (25 July 2024)



## 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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