

Special Issue

Advances in Pine Wilt Disease

Message from the Guest Editors

Pine wilt disease (PWD), caused by the pinewood nematode (PWN—*Bursaphelenchus xylophilus*), is a critical threat to the health of forests across the globe. This species is native to eastern North America, where does not affect local trees; however, in places where it has been introduced, it has caused massive mortality, including in Asian pines (Japan, Korea, China) and the European maritime pine (Portugal). To spread from an infected decaying host tree to a healthy one, the nematode depends on an insect vector, which takes the form of a pine sawyer from the genus *Monoctonus*. Despite increased research efforts and improvement in survey and control procedures, the containment of PWD's spread is still limited. This Special Issue hopes to present the current state of knowledge on PWD's different biotic components and the management strategies applied in different countries. The final chapters of the Special Issue will provide an overview of applied strategies in PWD management, available control measures and future research prospects.

Guest Editors

Dr. Luís Bonifácio

INIAV, Instituto Nacional de Investigação Agrária e Veterinária, Quinta do Marquês, 2780-159 Oeiras, Portugal

Dr. Edmundo Sousa

INIAV, UEISSAFSV – Av. Republica, Quinta do Marques, 2780-159 Oeiras, Portugal

Deadline for manuscript submissions

closed (15 April 2025)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/146330

Forests
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
forests@mdpi.com

[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)





Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)



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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,
I-25121 Brescia, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

Journal Rank:

JCR - Q2 (Forestry) / CiteScore - Q1 (Forestry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).