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Advance in Pine Wilt Disease

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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 *Monochamus*. 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.



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Special Issue



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