

Special Issue

Dutch Elm Disease in the 21st Century

Message from the Guest Editors

Dutch elm disease (DED) was first recorded in 1919 and was rapidly recognized to be of fungal origin by scientists at the Willie Commelin Scholten laboratory who fulfilled Koch's postulates. Within the next 100 years, two successive pandemics of DED killed hundreds of millions of elms native to Europe, western Asia, and North America. The pandemics were caused by the Ascomycetes *Ophiostoma ulmi* and *O. novo-ulmi* after they had been acquired by elm bark beetles. The advent of *O. novo-ulmi* was a landmark event in the evolution of DED as this very aggressive pathogen is also highly fit and has rapidly displaced the less aggressive *O. ulmi*. This Special Issue will be a combination of original research works and review articles with particular emphasis on the biology, ecology, and molecular genetics of DED fungi and elms – thereby advancing our understanding of these tree pathogens that are still impacting elm populations worldwide

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The *Journal of Fungi* (JoF, ISSN 2309-608X) is an international, peer-reviewed, scientific, open access journal that provides an advanced forum for studies related to pathogenic fungi, fungal biology, and all other aspects of fungal research. Research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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