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Role of Plant-Fungi Interactions in Nutrient Cycling and Ecosystem Functioning

Guest Editor:

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Message from the Guest Editor

Plant–fungi interactions, a pivotal research area within ecology and environmental science, hold profound scientific significance and real-world importance. Over several decades, scientists have been delving into this domain, revealing the intricate relationships between plants and fungi, which profoundly influence ecosystems' structure and functioning. From mutualistic associations, such as mycorrhizal symbiosis, to the decomposition of organic matter contributing to nutrient cycling, this field provides profound insights into how ecosystems operate. The importance of this research lies in unlocking the mysteries of the natural world and its practical applications for the health of ecosystems, the preservation of biodiversity, sustainable agriculture, climate change mitigation, and ecological restoration.



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