



Friends of Plants: Mycorrhizal Fungi

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Message from the Guest Editor

Plants form a symbiosis with root-associated fungi, otherwise known as mycorrhizal fungi. Mycorrhizal fungi are involved in improving the uptake of nutrients, regulating plant growth, and assisting their plant host against both biotic and abiotic stresses. However, to what extent and how these mycorrhiza-induced beneficial effects occur in terrestrial ecosystems are not fully understood. This Special Issue will offer a collection of research articles and reviews that study the physiological and molecular mechanisms behind plant–mycorrhizal interactions under both normal and stressful conditions. Potential topics might relate to, but are not limited to: mechanisms by which mycorrhizal symbioses influence community diversity and ecosystem function; the importance of mycorrhizal fungi to their plant hosts under climate change, human disturbance, metal contamination, and other abiotic stresses; the mycorrhiza-induced resistance of plant defences to pathogens and herbivores; and roles of mycorrhizal fungi in nutrient cycling and biogeochemistry.





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Message from the Editor-in-Chief

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