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Symbiosis of Mycorrhizal Fungi and Plants

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Message from the Guest Editors

Symbiosis of mycorrhizal fungi and plants is an important basis for maintaining the diversity and functions of natural and agricultural ecosystem. The mechanism and shift of symbiosis between plants and mycorrhizal fungi are core key scientific problems in this field. Therefore, the Journal of Fungi has decided to launch a Special Issue on "Symbiosis of Mycorrhizal Fungi and Plants", in which research and review manuscripts in this topic are welcome. The main scope of this Special Issue includes: (1) the mechanism of plant and fungal symbiosis regulating soil C, N and P cycle; for instance how the symbiosis of mycorrhizal fungi and plants affects greenhouse gas emissions, nutrient leaching, soil carbon sequestration, etc.; (2) whether plants and fungi integrate to respond to global climate change: including covariation pattern of plant and fungal morphological and physiological traits; (3) how the symbiotic mechanism of plants and fungi change at different spatio-temporal scales and different soil nutrient environments, such as drought stress, land degradation, etc.









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Message from the Editor-in-Chief

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