

Special Issue

Impact of Mycorrhiza on the Distribution, Dynamics and Functioning of Forests

Message from the Guest Editors

The size of forests around the world is decreasing. Meanwhile, mycorrhizal fungi play an important role in the restoration and function of forests. The mycorrhizal network connects trees of different species, ages and sizes to create a specific forest environment that provides the necessary water and nutrients for growth in response to environmental changes. This extensive network of trees and mycorrhizal fungi also facilitates the regeneration of younger trees in the understory, helping them tolerate stressful environmental conditions resulting, e.g., from abiotic and biotic factors. Moreover, mycorrhiza is of fundamental to the organization of new forests because they create favorable local conditions for the establishment and growth of tree seedlings. The aim of this Special Issue is to present selected articles regarding the impact of mycorrhiza on the distribution, dynamics and functioning of forests, which are a key symbiotic partner of trees; our understanding of this relationship must be enhanced in the face of future challenges related to forest protection, the mitigation of forest extinction and decline.

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