

## Special Issue

# Contribution of Mycorrhizal Symbiosis to Plant Growth

### Message from the Guest Editors

The associations between soil mycorrhizal fungi and roots, referred to as mycorrhizae. The extraradical mycorrhizal mycelium, which grows out from the roots in soil, has access to mineral nutrients that are delivered to the host plants in exchange for organic compounds. Mycorrhizal symbioses influence plant growth and performance (including plant productivity), and increase their tolerance to biotic and abiotic stresses (e.g., water deficit). The development of large-scale DNA sequence datasets, thanks to next-generation sequencing (NGS), and the development of several genome/transcriptome projects on soil fungi and plant allows for identifying new functions and verifying how different mycorrhizal fungi interact and communicate with their host plants. The purpose of this Special Issue is to focus on some new aspects related to these widespread symbioses, highlighting some of their potentialities in agro-forest environments. Papers that describe single case studies, technical advances, and perspective views that depict the contribution of mycorrhizal symbiosis to plant growth are most welcome.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2019)



## Plants

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### Editor-in-Chief

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