

Special Issue

Mycorrhizal Symbiosis in Agricultural Production

Message from the Guest Editors

There is a new wave of revolution in agriculture aiming to harness various microorganisms interacting with plants to realize sustainable and ecosystem-friendly agriculture. The symbiosis between mycorrhizal fungi and plants is at the center of the application. As symbionts of almost all crops on Earth, mycorrhizal fungi help plant nutrition uptake from soil and enhance plant resistance against various biotic and abiotic stresses. It has been demonstrated that harnessing mycorrhiza has great potential to increase the quantity and quality of crop yields. Thus, the application of mycorrhiza and interacting microbes for crops is a new frontier in agriculture. This Special Issue aims to collect reviews and original papers covering advances in the understanding of mycorrhiza in crops. All aspects of mycorrhiza application for crops are welcome. The open and critical evaluation of current mycorrhizal fungi and soil microbe applications will lead to the appropriate utilization of this symbiosis for next-generation agriculture.

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