

Special Issue

Interaction between Arbuscular Mycorrhizal Fungi and Legumes

Message from the Guest Editors

Among the soil microorganisms community, arbuscular mycorrhizal fungi (AMF) form mutualistic associations with most of the plant species, playing a major role in influencing soil physical properties, and the nutrition of plants. These fungi also help to reduce environmental stress and diseases caused by root pathogens and are an important microbial component in the rhizosphere. Research has been focused on the organismic level. In this case, it is relevant to understand how the interaction between AMF and legumes. Legumes are one of the most important plants in the world due to a great variety of uses such as food, medicine, fuel, and construction, among others. Hence, the interaction between AMF legumes could lead to a better understanding of legumes and AMF diversity, and their ecological role, mainly within biogeochemical processes in tropical ecosystems.

Guest Editors

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Deadline for manuscript submissions

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Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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