

Special Issue

Roles and Interests of Mycorrhizal Communities in Agricultural and Agroforestry Practices

Message from the Guest Editors

Mycorrhizal communities are recognized as consisting of powerful microbes that may contribute to plant nutrition and health. They are of major interest in the practical context of finding solutions to production and environmental problems in agriculture. In the context of global change and decrease of nutrient supply, research works on the role of mycorrhizal communities in drought stress responses and nutrient uptake would be welcome. Although the biology of mycorrhizal fungi has been widely studied, there is a lack of knowledge on the impact of agricultural and agroforestry practices on these microbes. Indeed, the role of agricultural practices on mycorrhizal networks is still not well understood. Contributions likely to increase our knowledge on the impact of agroecological practices, in agriculture and agroforestry, on mycorrhizal networks are requested. Such practices include plant cover, diversification of crop succession, mixed crops, and conservation tillage. Identifying practices that may help to develop soil mycorrhizal community networks is of major interest.

Guest Editors

Dr. Isabelle Trinsoutrot-Gattin

Agroecology, Hydrogeochemistry, Environments and Resources (AGHYLE), UniLaSalle, Mont-Saint-Aignan, France

Dr. Babacar Thioye

Institut Polytechnique UniLaSalle, research Unit AGHYLE UP2018.C101, Mont Saint Aignan, France

Deadline for manuscript submissions

closed (20 April 2022)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/62370

Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)





Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)



About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)