

Special Issue

Beneficial Microorganisms and Crop Production

Message from the Guest Editor

Plant growth is promoted through different microorganisms by identifying their interactions, such as symbiosis, mutualism, and competitiveness. Likewise, taking advantage of the understanding of their mechanisms will lead to increased crop production without causing any threat or losses in agriculture. Therefore, it is essential to improve crops from seed to mature plants. At the same time, it can also help to enhance soil fertility post-harvest in different environments. This Special issue focuses on beneficial microorganisms used to develop and improve crop production, crop quality, and stability under different environments or abiotic stresses, including beneficial microorganisms and their mechanisms. This issue will include studies from growth chamber to field studies, containing advanced techniques from molecular to ecology or other biological disciplines. This will lead to a multidisciplinary understanding of crops such as vegetables, cereals, legumes, and others. All types of articles are welcome, from original research, opinion, and reviews.

Guest Editor

Dr. María Daniela Artigas Ramírez

Iriomote Station, Tropical Biosphere Research Center, University of the Ryukyus, 870 Uehara, Yaeyama, Taketomi, Okinawa 907-1541, Japan

Deadline for manuscript submissions

closed (10 February 2024)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/164195

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)