

## Special Issue

# Biostimulants for Crop Growth and Abiotic Stress Mitigation

### Message from the Guest Editor

Agriculture plays a fundamental role in achieving world food security. New practices and technologies must be implemented to achieve sustainable crop production while enhancing productivity. One such practice is the use of plant biostimulants, which have remarkable effects on plant growth and abiotic stress resistance. Biostimulants may reduce dependency on chemical fertilizers and increase crop resilience to stress. This Special Issue on biostimulants for crop growth and abiotic stress mitigation seeks contributions on advances in understanding how biostimulants induce plant growth and mitigate abiotic stress effects, such as extreme temperatures, salinity, and water limitation. Research that develops management approaches to support crop stress biology is encouraged. We welcome original research, method papers, and reviews, including perspectives on new biostimulants for stress resilience and crop production.

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### Guest Editor

Dr. Juan Cristo Luis

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### Deadline for manuscript submissions

20 April 2025



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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### Editor-in-Chief

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