

## Special Issue

# Effects of Management Practices on Field Crop Growth, Yield, and Quality

### Message from the Guest Editors

Due to global environment change, enhancing crop growth, yield and quality has become an increasingly challenging task. At the regional scale, issues such as how to efficiently utilize agricultural water resources (surface and groundwater, brackish water, recycled water, precipitation, etc.), how to adjust planting structure to adapt to such limited agricultural water resources and how to recycle agricultural waste (such as aquaculture wastewater and crop residues) have always been research concerns. At the field scale, issues such as how to regulate the water, fertility, air, heat, and salt status of soil through surface mulching, tillage, cultivation, fertilization, and irrigation, improve the microclimate of farmland, optimize plant density and structure, fully utilize light and heat resources, minimize hazards such as drought stress, waterlogging, insufficient fertility, poor aeration, freezing damage, high temperature stress, salt stress, etc., and create suitable environmental conditions for crop growth are current hot research topics. This Special Issue of *Plants* will highlight the Effects of Management Practices on Field Crop Growth, Yield, and Quality.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 January 2025)



## Plants

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Impact Factor 4.1  
CiteScore 7.6  
Indexed in PubMed



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*Plants*

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### Message from the Editor-in-Chief

*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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### Editor-in-Chief

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