

## Special Issue

# Agricultural Water and Fertilizer Management for Crop Production

### Message from the Guest Editors

With the steady growth in global food demand, food security is an important topic of concern. This is especially true in the current context, with the uncertainty of climate change, war, epidemics, etc. Field management methods are significantly conducive to crop growth and increase crop yield. As the relationship between field management and crop productivity is not usually linear, the impacts of input and output, non-point source pollution and carbon emissions need to be comprehensively coordinated. Therefore, elucidating the mechanism of field management to improve crop productivity not only represents a compelling research topic, but could also have a positive impact on future food security and intelligent agricultural production. The way in which field management affects comprehensive crop productivity is a timely topic, and one that is extensively explored in this Special Issue. We welcome both critical review articles and original research articles. Potential topics could include, but are not limited to, the following: soil amendment; irrigation and drainage; fertilization optimization; crop comprehensive production; and crop growth simulation.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 July 2023)



## 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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