

## Special Issue

# Precision Planting Technology and Equipment in Advanced Crop Cultivation

### Message from the Guest Editors

This Special Issue focuses on the recent advances in precision planting technology and equipment. This issue will comprehensively cover interdisciplinary and comprehensive research on critical technologies and methods for advanced crop cultivation (precision seed-metering device, efficient and low loss transplanter, seed guide device, profiling mechanism, soil covering and compaction device, intelligent planting equipment, etc.) and research reports on other advanced technology systems promoting crop cultivation and production (variable rate seeding (fertilizing) technology, etc.). In addition, we encourage researchers to conduct practical research based on the actual planting conditions (soil, terrain, paddy fields, etc.) in their respective regions and to adopt innovative technologies and measures to solve the technical difficulties in current planting equipment operations. This Special Issue invites all types of articles mentioned above, using qualitative, quantitative, or mixed methods, as well as empirical preliminary research and comments.

### Guest Editors

Dr. Xiaojun Gao

Prof. Dr. Qinghui Lai

Dr. Tao Cui

### Deadline for manuscript submissions

closed (10 September 2024)



## Agriculture

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## 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.

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### Editor-in-Chief

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