



plants



an Open Access Journal by MDPI

Plant Phenomics for Precision Agriculture

Guest Editor:

Dr. Yong Suk Chung

Department of Plant Resources
and Environment, Jeju National
University, Jeju 63243, Republic
of Korea

Deadline for manuscript
submissions:

closed (1 April 2024)

Message from the Guest Editor

Dear Colleagues,

Plant phenomics has been heavily applied for plant breeding ever since its advent in the form of high throughput phenotyping using various methods. However, it has huge potential for smart farm in both greenhouse and field, field managements, yield prediction, etc., which are in the precision agricultural category.

This Special Issue of *Plants* seeks to stimulate and collect studies in precision agriculture using phenomics. Any topic or technology including high throughput phenotyping, field management, plant breeding, analysis methods, field heterogeneity, remote sensing, image analysis, vegetative index, or smart farm will be considered for publication as long as it is related to precision agriculture combined with plant phenomics. Conceptualization for potential application using phenomics for precision agriculture will also be considered for publication.



mdpi.com/si/157298

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

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.

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), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

Contact Us

Plants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/plants
plants@mdpi.com
[X@Plants_MDPI](https://twitter.com/Plants_MDPI)