

Special Issue

Smart Agriculture for Sustainable Crop Production: From Precision Technologies to Field Applications

Message from the Guest Editors

Precision agriculture represents a paradigm shift in crop management, leveraging cutting-edge technologies to optimize resource efficiency, enhance sustainability, and address global food security challenges. This Special Issue of *Plants* explores the integration of advanced tools, such as AI-driven analytics, hyperspectral imaging, IoT sensors, and autonomous machinery, into agricultural systems. We invite contributions that dissect the synergies between technological innovation and plant science, highlighting scalable solutions for diverse agroecosystems.

Guest Editors

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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.

Editor-in-Chief

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