

Special Issue

Precision Nutrient Management for Climate-Smart Agriculture

Message from the Guest Editors

Nutrient management needs to be significantly improved in order to address the triple challenge of global food security, environmental pollution, and climate change. Precision nutrient management is a promising strategy for synchronizing the soil nutrient supply with crop nutrient demand, both in terms of the time and rate of nutrient application. However, the success of precision nutrient management requires the development of rapid, non-destructive, eco-friendly, and economically viable strategies for the in-season site-specific monitoring and diagnosis of crop nutrient status. With the advances of sensor technologies, intelligent agriculture has allowed farmers to improve their crop management and productivity.

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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, and 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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