Special Issue

Sustainable Agriculture: Plant Physiology, Nutrition and Crop Production

Message from the Guest Editors

Crops face a number of constraints in their optimal growth right from seed germination, making them adverse to sustainable crop production. Particularly, nutritional imbalances in plants influence their responses and defense mechanisms against abiotic stresses, pests, and diseases, which ultimately impacts crop production. Therefore, in this Special Issue we aim to provide new information on the physiological basis of the various plant processes and their underlying mechanisms under fluctuating environments, which is of great importance for sustainable crop production. In this Special Issue, original research articles and reviews are welcome. We will focus on plant physiology, nutrition, and crop production from both pot and field experiments. Research areas may include, but are not limited to, the following:

- The physiological basis of the various plant processes and their underlying mechanisms;
- Metabolism and accumulation of quality-related compounds;
- Nutrient absorption, utilization, and distribution;
- Environmental adaptation;
- Nutrient balance.

We look forward to receiving your contributions.

Guest Editors

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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