Special Issue

Sustainable Agriculture with Innovative Technology and Equipment: Towards a Low-Carbon Era

Message from the Guest Editors

Facing global warming and an increased demand for food supply, a sustainable agriculture system calls for innovative technologies. These advanced technologies meticulously monitor, report, and optimize energy usage, ensuring efficiency that minimizes environmental impact. At present, agricultural digitalization, intelligent agronomic robots, precise farming, and climate-smart farming aim towards resource utilization maximation and greenhouse gas emission reduction. To embrace sustainable agriculture, we welcome papers on original studies, reviews, and case studies to address this issue. The submissions for this Special Issue on "Sustainable Agriculture with Innovative Technology and Equipment: Towards a Low-Carbon Era" thus include, but are not limited to, the following topics:

- Innovative technologies within agriculture/farming system;
- Robotics and drones for modern agriculture;
- Carbon footprint of the agricultural system;
- Environmental service and impact assessments;
- Pathways to improve resource use efficiency;
- Scenarios modelling for sustainable agriculture/farming systems under climate change.

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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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