

Special Issue

Agricultural Technology and Engineering for Sustainable Agriculture

Message from the Guest Editors

Sustainable agriculture is part of a necessary transformation for human society to achieve in order to move from “exploiting nature” to “living in harmony with nature”, and how to achieve sustainable agricultural development is a major issue. Agricultural engineering and technology serve as the core driving force for translating the concept of sustainable agriculture into practical implementation. It systematically breaks through the bottlenecks of “high consumption, high pollution, and low efficiency” in traditional agriculture by integrating multidisciplinary approaches—such as engineering, information technology, and ecology—and dimensions, including the improvement of production efficiency, efficient utilization of resources, reduction in environmental impact, and collaborative optimization of the industrial chain. This concept aims to achieve the coordinated unification of the three goals of “production, ecology, and livelihood” and provide operable and replicable technological paths and engineering solutions for the sustainable development of agriculture. The goal of this Special Issue is to present the latest findings of sustainable agricultural engineering and technology.

Guest Editors

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Message from the Editor-in-Chief

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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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