

## Special Issue

# Agricultural Environment Monitoring for Sustainable Agricultural Development

### Message from the Guest Editor

Scientific research, technological innovation, and policy implementation are closely interconnected in ensuring the sustainable development of agriculture. In recent years, agricultural production and management have entered the era of smart technology. The integration of artificial intelligence (AI), the Internet of Things (IoT), and other related technologies not only enhances productivity and quality but also enables more precise resource management. The Special Issue "**Agricultural Environment Monitoring for Sustainable Agricultural Development**" focuses on environmental monitoring methods and technologies, exploring their integration with agronomic science, environmental science, socioeconomics, and policy-making to promote sustainable agriculture. The aim is to enhance the resilience and adaptability of agricultural ecosystems. This Special Issue covers, but is not limited to, the following areas: environmental sensing and data processing, smart decision-making and management technologies, environmental sustainability and resource recycling applications, and other topics.

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### Guest Editor

Dr. Chuan-Chi Chien  
Industrial Technology Research Institute, Hsinchu, Taiwan

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### Deadline for manuscript submissions

30 November 2026



## Sustainability

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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.

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## Editor-in-Chief

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