

Special Issue

Smart Agriculture, Ecological Resources and Environment

Message from the Guest Editors

The Issue focuses on crucial aspects of modern agriculture. It covers a wide range of areas, e.g., evaluating protective measures' effects on greenhouse gas emission reduction, understanding how efficient use of soil microbial carbon impacts climate change and management strategies, and developing optimization methods for agricultural management. It also delves into assessing cultivated land use intensity, conducting agricultural greenhouse gas emission assessments, in-situ greenhouse gas emission observations, and exploring relationship between crop yield and soil organic carbon. It provides practical solutions for reducing agriculture's environmental footprint while maintaining or enhancing productivity. It supplements existing literature by presenting latest research findings and innovative approaches. It bridges the gap between theoretical studies and on-field applications, enabling farmers, policymakers, and researchers to make more informed decisions. In terms of sustainability, it offers insights into how to optimize resource use, mitigate climate change impacts, and ensure long-term soil health, which are all integral to sustainable development.

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. *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.

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