

Special Issue

Sustainability of Agriculture: The Impact of Climate Change on Crops

Message from the Guest Editors

The primary objective of sustainable agriculture is to ensure the fulfillment of current global food and textile demands while safeguarding the ability of future generations to meet their own needs. This entails considering the sustainability of resources, maintaining a healthy environment, ensuring economic profitability, and promoting social and economic equity. This Special Issue focuses on the interplay between climate change and sustainable agriculture. Research areas may include (but are not limited to) the following:

- The impact of climate change on crop production;
- The impact of climate change on food security;
- Adaptable plant genetic resources to abiotic and biotic stress;
- Crop adaptation to climate change;
- Climate-risk-mitigating tools;
- Adaptation processes of agriculture to climate change;
- Precision agriculture, AI, and IoT contributions to crop sustainability under climate change;
- Circular economy and crop adaptability to climate change;
- International initiatives/policies for climate-resilient and adaptive agricultural practices.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Fokion Papathanasiou
Dr. Elissavet Ninou
Dr. Ioannis Mylonas

Deadline for manuscript submissions

closed (10 April 2025)



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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

Prof. Dr. Steve W. Lyon

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