

Special Issue

Impacts of Climate Change and Extreme Events on Global Food Security

Message from the Guest Editors

This Special Issue aims to delve into the complex interactions and feedback mechanisms between climate change, extreme weather and climate events, and global food security, with a particular focus on their multi-scale impacts and response pathways within the context of sustainable development. We welcome contributions that address, but are not limited to, the following:

- Attribution and impacts of extreme climate events and climate change;
- Climate tipping points and cascading risks to food systems;
- Compound extreme events and their impacts on agriculture and food security;
- Construction of food security evaluation indicator systems at different scales (global, regional, and national) under climate change, and multi-dimensional spatiotemporal evolution characteristics of food security;
- Impacts of climate change-driven food market fluctuations on socioeconomic vulnerability;
- Applications of big data and artificial intelligence in monitoring, assessing, and early warning of food security risks under climate change;
- Vulnerabilities in trade and supply chains for global food security;
- Comparative case studies on food security responses to climate change and extreme events.

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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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