

Special Issue

Climate Change and Food Sustainability: A Critical Nexus

Message from the Guest Editors

Climate change poses a significant threat to global food system sustainability. Shifts in temperature, humidity, and precipitation and the increasing frequency of extreme weather events are impacting crop yields, agricultural practices, and food nutritional quality. These changes also influence the prevalence and severity of foodborne illnesses by affecting pathogen and pest dynamics. Simultaneously, efforts to mitigate greenhouse gas emissions and adapt to climate change are transforming food production, processing, distribution, consumption, and waste management, all of which contribute to emissions. This Special Issue will explore the complex interplay between climate change and food systems, examining interconnected challenges and opportunities. We invite contributions addressing the technical, environmental, economic, social, and ethical dimensions of this critical nexus. The scope includes, but is not limited to:

- The impacts of climate change on food production, food safety, and security.
- Mitigation and adaptation strategies
- Economic and policy dimensions
- Social and ethical considerations

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