

## Special Issue

# Agriculture and Climate Change: Strategies for Sustainable Development

### Message from the Guest Editors

Global warming, mainly due to human activities, has severely affected agricultural productivity, particularly in Africa, where growth rates have fallen by one-third since 1961. Challenges include reduced crop quality, harvest instability, rising food prices, and threats to food security, with implications for national security in centralized governance systems. Regionally, rice production in Asia may decline by over 15% between 2040 and 2069, while mid-latitudes may see reduced wheat yields due to higher temperatures. Western Australia could face crop losses from decreased winter rainfall, whereas northern Europe might benefit from longer growing seasons. To tackle these issues, strategies such as climate-smart agriculture, crop variety improvement, and efficient water management are vital, requiring collaboration among stakeholders. This Special Issue encourages scholars to explore sustainable development strategies by examining stakeholder responses to climate change in agriculture.

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### Guest Editors

Dr. Bingjie Song  
Prof. Dr. Guy M Robinson  
Dr. Jingjing Liu

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### Deadline for manuscript submissions

30 September 2026



## Sustainability

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## Editor-in-Chief

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