

## Special Issue

# Green and Sustainable Agricultural Practices in Times of Climate Change

### Message from the Guest Editors

Agriculture faces challenges of food security and environmental sustainability in a changing climate. It is necessary to improve water productivity in agricultural systems with the use of appropriate water control, with emphasis on irrigation practices that decrease water use without a significant reduction in yield. It is also essential to enhance soil quality in agricultural systems with the use of proper soil management, with emphasis on the responses of agricultural systems to climatic variations. This Special Issue welcomes related paper topics including the agro-ecological strategies aiming at sustaining agricultural production systems and improving soil quality and water productivity under the recurring problem of climate change. Keywords:

- sustainable agricultural management
- climate change
- irrigation and water use
- soil amendment
- biopolymers
- nanomaterials
- agricultural residues
- plant physiology, productivity, and quality
- environmental remediation

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### Guest Editors

Dr. Yousef Alhaj Hamoud  
Dr. Hiba Shaghaleh  
Dr. Tingting Chang

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### Deadline for manuscript submissions

closed (1 September 2023)



**Sustainability**

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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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