

Special Issue

Adaptive Agricultural Strategies: Win-Win Solutions for Climate Change Challenges

Message from the Guest Editors

Addressing climate change adaptation is no longer optional but an urgent necessity, requiring the development of innovative and effective strategies to manage existing impacts and prevent their worsening. Agricultural challenges are complex and rarely solved by a single-factor response; instead, they demand the optimization of multiple interacting factors. Consequently, the traditional “one-size-fits-all” approach must give way to integrated actions, decisions, and practices that promote global sustainability. This balance involves enhancing or conserving natural resources while maintaining or improving crop productivity. This Special Issue seeks contributions employing multifactorial approaches to tackle current agricultural challenges, explicitly acknowledging climate change as an unavoidable influence on modern farming systems. Emphasis is placed on studies proposing win-win solutions looking that simultaneously boost crop yields and preserve natural resources, thereby advancing sustainable agricultural practices in the face of climate change.

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