

Special Issue

Climate Smart Agriculture: Climate Change, Responses of Crop Plants and Evolving Mitigation and Adaptation Strategies

Message from the Guest Editors

Limited knowledge regarding the impacts of climate change on growth and the development of crops and changing frequency of pest/disease occurrence raise serious concerns. The generation of improved knowledge on the above areas will empower scientists in formulating effective mitigation/adaptation strategies so as to pave the way for the sustained growth of agriculture under changing climatic conditions. Advances in sensor technologies for precise recording of weather events, availability of big data analysis and weather prediction tools, availability of phenomics and genomics platforms for recording crop responses against changing climate, and innovative breeding/genomic platforms for accelerated crop improvement have empowered scientists to fight against climate change. In this Special Issue, original research papers and reviews from global experts will be published after peer review. The readers will benefit from a wide array of information on the effect of a changing climate on agriculture and status of mitigation/adaptation strategies developed to sustain agriculture under a changing climate.

Guest Editors

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

Editor-in-Chief

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