

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 effecting 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

Dr. Raveendran Muthurajan

Dr. Vellingiri Geethalakshmi

Dr. Viswanathan Chinnusamy

Dr. Madavalam S. Sheshshayee

Deadline for manuscript submissions

closed (25 April 2023)



Agriculture

an Open Access Journal
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Impact Factor 3.6
CiteScore 6.3



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Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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