

## Special Issue

# Plants' Response to Abiotic Stress

### Message from the Guest Editors

Abiotic stresses, that characterize many world marginal areas of the world, have increased due to climate change and anthropogenic activities. Drought, heat, cold, and excess of salt or toxic metals in the soil affect the geographical distribution of plants in nature, limit plant productivity in agriculture, and threaten food security. As a response to these stresses, the plants have developed several strategies of adaptations involving morphological, physiological and biochemical processes. This Special Issue aims to highlight all the impactful researches on plants response to different abiotic stresses and their influence on the biosynthesis of antioxidants compounds, focusing on the possibility of using abiotic stresses as hormesis promoters to select the most suitable genotypes to resist to adverse environmental conditions and to produce fruits and vegetables with a high nutraceutical value also in a climate change scenario. This Special Issue will include interdisciplinary studies embracing agriculture, biology, chemistry and ecology. All types of articles, including original research and reviews, are welcome.

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### Guest Editors

Dr. Valeria Toscano

Dr. Filippo Ferlito

Dr. Amenta Margherita

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### Deadline for manuscript submissions

closed (20 August 2024)



## Agriculture

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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.

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### Editor-in-Chief

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