

Special Issue

Plants under Emergency – Crop Protection, Mitigation Approaches and Challenges

Message from the Guest Editors

At present, agriculture production is becoming increasingly challenged by an ever-growing population, in a scenario of imminent climate instability and the spread of emerging pest and diseases. Recent works and reports on the area clearly suggest that major actions need to be taken now in order to prevent greater future costs in terms of agricultural yield and profits. Abiotic and biotic pressures are pushing plants beyond their tolerance boundaries, impacting crop growth and yield worldwide, ultimately compromising food safety and quality. This Special Issue (SI) aims to tackle these issues, particularly focusing on:

- Crop adaptation to climate change and environmental contamination;
- Plant responses to emergent biotic and abiotic pressures;
- Diseases and pest management;
- Biocontrol approaches;
- Development of mitigation tools against abiotic stresses;
- Food safety and quality.

We welcome all scientific works (original research papers, perspectives, hypotheses, opinions, reviews, modelling approaches, and methods) in this domain.

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About the Journal

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.

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