

## Special Issue

# Super-Weeds: Knowledge of Their Biology, Physiology and Ecology Will Alleviate Their Effects on Crops and Enhance Management Options for Long-Term Control

### Message from the Guest Editors

The existence of superweeds (i.e., weeds difficult to control because of their fast growth rate, large biomass production, high fecundity, adaptability to a wide range of environments, and capacity to easily develop herbicide resistance) and the consequences that follow their presence are undoubtedly among the biggest challenges that farmers are currently facing. This Special Issue aims to include work related to the biology and (eco)physiology of superweeds. Work related with the ecology and traits that enhance the invasiveness of these species would be an asset to this Special Issue. Articles on crop-weed relationships and consequences related with economic or environmental costs due to the presence of superweeds are also welcome. Finally, ecology-based weed tactics or integrated weed-management approaches that secure the long-term control of superweeds will also be considered for publication.

### Guest Editors

Prof. Dr. Nicholas Emmanuel Korres

ORISE Research Scientist/United States Department of Agriculture |  
Agricultural Research Service

Dr. Thomas K. Gitsopoulos

HAO-DEMETER, Institute of Plant Breeding and Genetic Resources

### Deadline for manuscript submissions

closed (30 September 2022)



## Plants

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### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

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