

Special Issue

Sustainable Weed Management

Message from the Guest Editors

This Special Issue will focus on the recent advancements in the wide field of sustainable weed management. Research papers, communications, and review articles are welcome. We invite you to share your contributions on the following topics (not an exhaustive list): 1) weed biology; 2) biotic and abiotic factors for plant adaptation strategies; 3) preventive or indirect methods (stale seedbed, crop rotation, increase of crop competitive capacity, etc.); 4) management of the soil seedbank; 5) cover cropping; 6) non-chemical weed control such as physical, mechanical, and biological methods; 7) use of allelopathic mechanisms for weed control (mulching, use of plant extracts as bioherbicides, intercropping, etc.); 8) application and development of weed thresholds. Particular attention will be given to integrated weed management in agroecosystems and studies involving botanical and ecological aspects (weed emergence models, floristic composition and species diversity, plant associations and ecosystem services).

Guest Editors

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About the Journal

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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