

Special Issue

Advances in Sustainable Weed Management in Crop Production

Message from the Guest Editor

Sustainable weed management in crop production has significantly advanced through the adoption of integrated strategies, technological innovations and ecological principles. This Special Issue of *Plants* aims to discuss recent progress in various aspects of this field, including precision agriculture techniques, non-chemical weed control methods (e.g., thermal, electrical, harvest weed seed control), robotics, AI, bioherbicides and enhanced allelopathic traits. It seeks to provide an overview of current research conducted across the world on sustainable weed management in crop production to reduce the environmental impact of agriculture, combat herbicide resistance, and improve long-term weed control efficacy. We welcome the submission of recent investigations that align with the topic of this Special Issue.

Guest Editor

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Deadline for manuscript submissions

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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, and 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.

Editor-in-Chief

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