

Special Issue

Management and Control Methods for Invasive Plants in Agroecosystems

Message from the Guest Editor

Invasive plants threaten the ecological and economical integrity of all agricultural lands. A variety of traits enable these plants to invade and persist across a range of different systems, including prolific seed production, short juvenile periods, high growth rates, and vegetative reproduction. The management and control of such plants is challenging and often results in only partial and temporary control. Integrating multiple control methods and management practices over numerous years is recommended. In agronomic systems this can result in shorter-term economic gains, but in non-cropped systems such approaches must be applied across vast, heterogeneous landscapes that can increase the variability of response to management and the expense of management. Therefore, effective management must stress an invasive plant species across a range of life stages and biological features (e.g., growth rate, seed production, root system, etc.) and be implementable across time and space at a reasonable cost. This Special Issue brings together the latest research findings dealing with all aspects of invasive plant management and control.

Guest Editor

Prof. Jane Mangold

Department of Land Resources and Environmental Sciences, Montana State University, P.O. Box 173102, Bozeman, MT 59717, USA

Deadline for manuscript submissions

closed (31 October 2019)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/20030

Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)



About the Journal

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)