

## Special Issue

# Integrated Weed Management in Agricultural Systems

### Message from the Guest Editor

The goal of this Special Issue is to assess first biological, evolutionary, and ecological principles of integrated weed management. This knowledge should help weed science to move away from its traditional monodisciplinary perspective aimed at weed eradication towards researching complex problems while embracing collaborations with multiple environmental and social disciplines. In the framework of this Special Issue, integrated weed management is conceived as an approach to reduce the negative impact of weeds through the combination of effective, environmentally safe, and sociologically acceptable control tactics. As such, integrated weed management programs should consider not only changes in weed abundance and impact but also interaction among economic, environmental, and social dimensions of agroecosystems. Studies on integrated weed management, multitrophic interactions, competition of weeds and crops, effects of diversity on weed management, use of cover crops for weed competition, population dynamics modelling, effects of seed predation, plant–soil feedbacks, and herbicide resistance are welcomed to this Special Issue.

### Guest Editor

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### Deadline for manuscript submissions

closed (28 February 2021)



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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