

Special Issue

Weeds and Herbicide Resistance: Challenges, Approaches and Perspectives

Message from the Guest Editors

Herbicide resistance in weeds poses one of the major risks for sustainability of herbicide use and farming systems. The present Special Issue focuses on herbicide resistance mechanisms and management and includes, but is not limited to, the following topics:

- New cases of herbicide resistance (species, modes of action)
- Physiology and ecology of herbicide resistant biotypes
- Dynamics of herbicide resistance in populations in space and time
- Mechanisms and patterns of herbicide resistance
- New tests for detection of resistance
- Surveys, mapping and databasing of herbicide resistance
- Integrated management of herbicide resistance
- Decision support systems and informatics
- New technologies and precision agriculture for prevention and management of resistance

Research papers and reviews on one or more of the above-mentioned issues or any other relevant to herbicide resistance are welcome. The goal of this Special Issue is, not only to present the most advanced research dealing with herbicide resistance, but also to show the most recent trends and approaches.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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