

Special Issue

Advances in Basic and Applied Research on Weed Seed Dormancy, Germination, and Early Growth

Message from the Guest Editors

In a constantly changing world and with the continuous population increase, maintaining food security becomes more important. Considering the negative impact of weeds on plant production, improving weed control remains one of the pillars of sustainable agriculture. In order to achieve a satisfying level of weed control, it is paramount to have a solid knowledge of weed biology, especially about their initial life phases that are crucial for the establishment of the weed flora and its competitiveness with crops. It is therefore important to conduct in-depth studies on dormancy, germination, and emergence processes of weed species, especially addressing the great variability observed both at the interspecific and intraspecific levels. We are pleased to invite you to contribute to this Special Issue with original research articles or reviews that advance the knowledge on weed dormancy, germination, and emergence, as well as test the effect of different techniques on these crucial phases of the weed lifecycle. Such techniques could include but are not limited to allelopathy, different soil management, mulching, cover crops or different techniques of precision weed control.

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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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