



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

Guest Editors:

Dr. Donato Loddo

CNR, Institute for Sustainable
Plant Protection IPSP, National
Research Council of Italy, Viale
dell'Università 16, Padua, Italy

Dr. Nebojša Nikolić

Department of Agronomy, Food,
Natural Resources, Animals and
Environment—DAFNAE,
University of Padua, 35020
Legnaro, Italy

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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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Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

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Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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