

Special Issue

Expanding the Knowledge on Weed Germination and Early Growth to Design Sustainable Management Strategies

Message from the Guest Editor

To reduce herbicide use and increase the sustainability of weed management, control tactics should be aimed at the most sensible parts of the weed life cycle. The germination–early growth phase is a crucial part of weed cycle, expanding our knowledge of it would allow to better evaluate weed dynamics in fields and their competitive ability against crops, as well as to calibrate control tactics. The present Special Issue will focus on recent innovations in weed germination and early growth research aimed at supporting the design of sustainable management. Research papers, communications, and review articles covering the effect of environmental factors, control tools and agronomic practices on weed dormancy, germination and early growth are welcome. Particular consideration will be paid to studies involving the creation and calibration of predictive models for seedling emergence and early growth, or concerning inter-population variability in the germination–early growth phase.

Guest Editor

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