

## Special Issue

# Biology and Integrated Management of Rice Weeds

### Message from the Guest Editors

Rice is a staple food for the majority of the world population and thus increasing and maintaining high yield is necessary. Weeds are one of the main constraints to rice productivity and their control mainly relies on herbicides. Overuse of herbicides, often having the same modes of action, has led to the occurrence of resistant weeds. Recently, the introduction of rice varieties tolerant to certain classes of herbicides has permitted the control of weeds in post-emergence without harming the crop, even though it has further increased resistance problems. Besides herbicides, different cultural and mechanical techniques are used to control these weeds, such as the adoption of a false seedbed, crop rotation, cover crops, etc. Abiotic stresses (i.e., salinity, extreme temperatures), which are becoming more important because of climate change, can affect rice growth but can also influence weed dynamics. This Special Issue welcomes original papers and reviews related to weed biology, ecology, and all the topics connected to weed management in rice.

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### Guest Editors

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### Deadline for manuscript submissions

closed (10 February 2021)



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