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## Current Advances in Weed Biology, Ecology and Management

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Deadline for manuscript  
submissions:

**closed (31 August 2023)**

### Message from the Guest Editors

Dear Colleagues,

Weeds are the most serious threat to agricultural crops and cause great loss to crop production. In recent decades, weed control strategies become more reliant on herbicides, and causes a shift in weed community composition and the evolution of herbicide resistance. The biology of weed species and population ecology affect the adaptive evolution of weeds and remain the foundation for the development of integrated weed management strategies. However, more knowledge about gene expression, the molecular basis of herbicide-resistant weeds, and evolutionary genetics are still needed to better elucidate the biological bases.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: seed dormancy and germination, growth biology, molecular basis of weed evolution, population ecology, mechanism of herbicide resistance in weeds, and novel weed control strategies.

We look forward to receiving your contributions.

Dr. Zhaofeng Huang

Prof. Dr. Lang Pan

*Guest Editors*



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# Special Issue



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