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## Herbicide Resistance in Plants

Guest Editor:

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Deadline for manuscript submissions:

**closed (31 December 2019)**

### Message from the Guest Editor

Dear Colleagues,

Relentless evolution of herbicide-resistant (HR) weeds is an important global issue, with implications for food security and economic, agronomic, and environmental sustainability. Today, the alarming occurrence of multiple resistance in weed populations concomitant with the paucity of herbicides over the past 30 years with a major new mode of action has led to increasing reliance on combined—or stacked—trait HR crops to manage these populations. This Special Issue of *Plants* will highlight global trends in the occurrence of HR weeds; recent developments in resistance mechanisms; population genetics of HR weeds; potential implications of genome editing for weed management; fitness of HR weeds and implications for management; recent developments in HR weed management including socio-economic considerations for enhancing grower adoption; current status and future outlook for HR traits in cereal, oilseed, and annual/perennial legume crops.

Prof. Hugh J. Beckie  
*Guest Editor*



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## Message from the Editor-in-Chief

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