

Special Issue

Physio–Devo of Source–Sink Relationship Underlying Abiotic Stress Resilience in Crop Plants

Message from the Guest Editor

Grain yield is considered as the reproductive output that acts as a sink, while growth resilience is often thought of as a source that supports the reproductive organs. To enhance our ability to breed adaptive crops with resilience to individual or combined abiotic stresses, it is essential to gain a better understanding of the source–sink relationship by integrating physiology and development (physio–devo). Submissions on (but not limited to) the following topics are invited: (1) phenomics approaches for the identification of gene alleles underlying the physiological and morphological traits that lead to resilience; (2) modeling source–sink relationships throughout crop development under abiotic stresses; (3) cereal breeding for abiotic stress tolerance; and (4) utilization of crop wild relatives for abiotic stress resilience.

Guest Editor

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Deadline for manuscript submissions

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Editor-in-Chief

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