

Special Issue

Recent Developments for Climate-Resilient Small Grain Cereals Breeding

Message from the Guest Editors

Small grain cereals (wheat, barley, oats, rye) constitute the main pillar of food security. Current cereal production is threatened by climate change. Plant breeders are faced with new demands to sustain grain yield and quality while protecting the environment, and the selection of new cultivars carrying sustainability-related traits is becoming a major goal. Please share your success stories from research in genetics, physiology and breeding for climate-resilient cereals around the world in this Special Issue. Invited submissions include, but are not limited to, the following topics: 1) Genomic characterization of genetic resources related to adaptation to environment; 2) Innovative and novel applications of plant phenotyping; 3) Decision support tools and modelling; 4) Genomic assisted breeding; 5) Genomic prediction and other -omics-based advances related to crop resilience; 6)

Guest Editors

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Deadline for manuscript submissions

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