Special Issue

Genetics and Breeding of Field Crops in the 21st Century

Message from the Guest Editor

Genetics has always been the main tool for understanding and evaluating crop behavior. This facilitated the production of new cultivars with better yielding efficiency, contributing to developing Plant Breeding as an important science. Thus, breeding field crops have proved essential to ensure food and feed supply in adequate quantities to meet human and livestock demands. This procedure, although sufficiently effective, faces serious risks due to climate change, the emergence of new and more aggressive biotic factors and wrong human actions resulting in marginal environments. Aim and scope of the Special Issue is to bring together old and new attempts that contribute to solving the aforementioned risks. Classical breeding can use the current developments of molecular breeding, doubled haploidy and even speed breeding in order to accomplish this goal. The new Special Issue welcomes review, research and short communication papers that can contribute to this attempt.

Guest Editor

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Deadline for manuscript submissions

closed (20 June 2025)



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Impact Factor 3.4 CiteScore 6.7



mdpi.com/si/173325

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