

Special Issue

Evolutionary Plant Breeding: Exploiting Diversity to Cope with Uncertainty

Message from the Guest Editor

The original idea of Evolutionary Plant Breeding traces back to 1929, even though the term was first used by Coit Suneson in 1956. For several years, research was conducted on the role of populations and mixtures, with an occasional misuse of either term. However, with the only exception of Martin Wolfe's work with malting barley in Poland and East Germany, this breeding method and the associated research for many years did not find large-scale practical applications. In recent years, partly as a response to the limitations of conventional breeding to address the needs of organic agriculture and partly as a way to respond to the complexity of short-term weather variability and long-term climate changes with the associated changes in diseases, insects, and weeds, evolutionary plant breeding has seen a growing interest that in Europe was fostered by a new seed regulation for organic agriculture. This Special Issue of *Agronomy* aims to represent the state of the art in Evolutionary Plant Breeding by bringing together the work of scientists who have carried out research with evolutionary populations and mixtures.

Guest Editor

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