Special Issue

The Environmental Adaptation of Wheat

Message from the Guest Editor

Wheat (*Triticum aestivum* L.), the most widely cultivated crop, contributes about one-fifth of the total calories for humans. Then, the growth, yield, and quality of wheat are adversely affected by all kinds of environmental stresses. Understanding the environmental stress responses and adaptations is important to improve wheat's environmental stress-resistance. Corresponding genetic basis of wheat environmental adaptation would provide plausible options to enhance the stress resistance for futural wheat cultivars, to guarantee the wheat products' sustainable supply. In the context of this Special Issue, the loci, genes, and elite alleles of wheat environmental adaptation are particularly focused for further mechanism study and wheat breeding practices. In this Special Issue, we aim to exchange knowledge on any aspect related to genetic and physiological wheat adaptation to environmental changes, to maintain wheat production in all kinds of adverse environments.

Guest Editor

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