



Crop Biology and Breeding under Environmental Stress

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Message from the Guest Editors

Climate change is a global phenomenon that affects many sectors of society and the economy. This phenomenon is mainly observed due to fluctuations in temperatures, precipitation, extreme weather events and variability in seasonality. Agriculture is one of the most sensitive sectors to climate change as crop production directly depends on weather conditions. This means that climate variability threatens the adaptation and availability of crops and, consequently, food security. On the other hand, agriculture has different environmental impacts depending on the level of inputs (fertilizers, pesticides, growth regulators) and energy used by farming practices. The impact of climate change on agriculture can be mitigated by modifying farming practices, and complementary to this, by using appropriate crops and varieties adapted to new climatic conditions.

In this Special Issue, we invite you to present research results in all topics related to crop biology and breeding under environmental stress and to discuss current trends and prospects of progress in these fields. Survey papers and reviews are also welcomed.





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