

Special Issue

Crop Biology and Breeding Under Environmental Stress— 2nd Edition

Message from the Guest Editors

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 input (fertilizers, pesticides, growth regulators) and energy used in 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. The challenge for the agricultural sector is, on the one hand, to adopt environmentally friendly practices and, on the other hand, to utilize genetic material with a wide adaptive capacity.

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 the current trends in and prospects of progress in these fields. Survey papers and reviews are also welcomed.

Guest Editors

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