# Special Issue

# The Role of Growth Regulators in Crop under Abiotic Stress

## Message from the Guest Editor

Phytohormones can improve drought tolerance and water use efficiency, improve temperature tolerance, improve nitrogen use efficiency, promote shoot elongation and generation, stimulate root growth and lateral root development, and promote photosynthesis. The use of phytohormones or their synthetic derivatives on crops can improve yields in fields affected by global climate change. Recently, great efforts have been devoted to understanding the phytohormone regulatory mechanisms in plant response to various stresses; however, many questions still remain unanswered. This Special Issue is focused on introducing the latest interesting findings on the roles of phytohormones and their crosstalk in the abiotic stress adaptation of major crops. We therefore invite submissions on topics including, but not limited to, the following: (1) the effect of plant hormones on the growth and development of crops; (2) the use of plant hormone derivatives as biostimulants to increase yields; (3) phytohormonal profiling during stress conditions; (4) phytohormonal crosstalk as a response to abiotic stresses.

## Guest Editor

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## Deadline for manuscript submissions

closed (30 September 2020)

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