



## **Adaptation of Crops to the Environment under Climate Change: Physiological and Agronomic Strategies**

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Deadline for manuscript  
submissions:

**closed (31 August 2022)**

### **Message from the Guest Editor**

Dear Colleagues,

Climate change is a major threat to food production worldwide, solutions may come from biotechnology, microbiology, ecophysiology, engineering and organic farming. In this topic, we want to compile papers related to the adaptation of crops to climate change, accepting papers from different areas and disciplines, as long as they are focused on the mentioned objective. We are also interested in novel technologies such as CRISPR/Cas9 or new breeding techniques. We welcome papers related to the following topics: Biotechnological improvement of crops to enhance adaptation to climate change.

Use of biostimulants, PGPR or mycorrhizal fungi to improve crop adaptation to climate change.

Field studies under new conditions imposed by climate change.

Organic farming strategies to adapt crops to climate change.

Ecophysiological studies of crop plants under abiotic stress conditions.

Metabolic engineering of phytohormones for abiotic stress tolerance.

Dr. Rosa Porcel

Guest Editor





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