# Special Issue

# Climate Change and Rice Growth: Mechanisms and Adaptation Strategies

## Message from the Guest Editor

Due to the combustion of fossil fuels, the emission of greenhouse gases, and deforestation, global climate change has been occurring over the past few decades, and it is predicted to continue in the future according to the CMIP6 climate work groups. Crops play a critical role in providing the essential calories and nutrition needed for human sustenance. Any disruption in their quantity and quality can have a severe impact on food security, especially in regions where food supply options are limited. To address the adverse effects of climate change, which encompass elevated CO2 levels. heatwaves, droughts, low-temperature stress, hurricanes, and waterlogging, agricultural researchers have employed diverse strategies. In order to gain a comprehensive understanding of the effectiveness of these management strategies and their underlying physiological mechanisms, we have organized this Special Issue.

We sincerely invite researchers interested in this topic to make significant contributions to our understanding of climate change mitigation. We welcome all types of articles, including original research, opinions, and reviews.

## **Guest Editor**

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#### Deadline for manuscript submissions

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## Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

## Editor-in-Chief

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