

## Special Issue

# Effects of Water Stress and Climate Warming on Crop Growth, Physiology and Yield

### Message from the Guest Editor

As precipitation patterns are altered and air temperatures rise due to climate change, maintaining agricultural crop yields is becoming a considerable challenge for many growers around the world, with greater year-to-year variability in yields and profit. How increasing water stress due to regular drought and rising air temperatures will ultimately affect vegetative growth, physiology, and yield is still a largely open question in many regions. This Special Issue will contribute knowledge based on experimental studies, modelling, or reviews to further our understanding of this field. Manuscripts covering a wide range of topics related to crop water stress and/or climate warming are welcome. The evaluated crops may include annual field crops, horticultural crops, or fruit trees. Evaluations integrating various aspects of growth, physiology, and yield or that address water stress in combination with high temperatures are particularly relevant for advancing our scientific knowledge. Novel studies that provide technological solutions to water stress and alleviate high-temperature stress are also suitable for this Special Issue.

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### Guest Editor

Dr. Peter S. Searles

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### Deadline for manuscript submissions

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## Plants

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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, and 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.

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### Editor-in-Chief

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