## Special Issue

# Crop Adaptation to Elevated CO<sub>2</sub> and Temperature

## Message from the Guest Editor

The rising concentration of CO2 in the atmosphere is resulting in global warming. Higher CO2 and temperatures can have large and often opposing effects on crop yield. Earlier expectations that elevated CO2 would protect plants from high temperature stress seem to be mostly unfulfilled. In order to feed the increasing global human population, we need to identify crop germplasm better adapted to these global changes. Because of the many interactions between CO2 and high temperature on plant responses, independent study of plant response or adaptation to CO2 or to high temperature is likely less productive than examining adaptation to the combination of these two factors. However, such research poses technological challenges, as well as biological.

## **Guest Editor**

Dr. James Bunce
USDA-ARS, Beltsville, retired, and PP Systems, Haverhill, MA, USA

## Deadline for manuscript submissions

closed (30 November 2021)



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#### Editor-in-Chief

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