

Special Issue

Crop Yield and Quality Response to Cultivation Practices

Message from the Guest Editor

We kindly invite you to consider submitting your full paper to this Special Issue covering the following scientific issues:

- The effect of cultivation practices on crop yields and grain quality;
- The response of crop yields and grain quality to climate change;
- Adaptive practices to climate change for high crop yield and grain quality.

The global demand for crop production is expected to roughly double by 2050. Meanwhile, the demand for high grain quality also increases as living standards improve. Therefore, sustainable intensification of cropping systems requires increasing yields as well as high quality. However, climate-related impacts are already reducing crop yields and food quality in some parts of the world. And the risk of yield impacts increases depending on the level of climate change (e.g. CO₂ enrichment, warming, drought, heat). For this Special Issue, we welcome scientific outcomes of research works on coordination of crop yield and quality in the current and future climate scenarios all over the world.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2022)



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Editor-in-Chief

Prof. Dr. Leslie A. Weston

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