

Special Issue

Ozone Effects on Crop Production

Message from the Guest Editor

Air pollution in general and ozone in particular are considerations in future planning by conservationists and forest managers, but these concerns are not typically part of the planning for future crop production within the agricultural sector. There is a need to inform agronomists and the farmers they support of potential yield losses from ozone pollution and to encourage plant breeders to include ozone tolerance as an objective for improving the overall abiotic stress tolerance of new crop varieties. This Special Issue is an opportunity to feature new research from around the world to provide an overview of ozone impacts on crop production systems and associated effects on the nutritional quality of the food and forages produced. Submissions on, but not limited to, the following topics are invited: ozone dose–response relationships for major and minor crop species, new tools and techniques for assessing ozone effects, modeling of current and future ozone impacts, genetics and breeding to improve ozone tolerance including the best approaches for phenotyping, and management practices that may be used by farmers.

Guest Editor

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