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Field Phenotyping for Yield and Environmental Stress Tolerance Traits

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Daer Colleague,

Advancements in transgenic and non-transgenic development of crop varieties with enhanced yield and/or increased tolerance to important environmental stresses, such as drought, depend largely on robust and accurate field phenotyping methods. Meaningful measurements of plant and crop phenotypes associated with desired traits in the field requires extensive understanding and application of multiple important parameters, such as site selection, site management, spatial analysis of field variables, experimental design and placement, statistical analysis methods, phenotype selection, data collection methods, plant sampling, remote sensing, spatial data analysis, geographic information systems etc. This special issue will focus on state-of-the-art and breakthrough field phenotyping methods and technologies related to the topics described above.

Dr. Tristan Coram
Guest Editor

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Message from the Editor-in-Chief

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