

Special Issue

Field Phenotyping for Yield and Environmental Stress Tolerance Traits

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.

Guest Editor

Dr. Tristan Edward Coram

Australian Grain Technologies, Waite Campus, Wine Innovation Central Building, Cnr of Hartley Grove & Paratoo Rd, Urrbrae, SA 5064, Australia

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Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

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Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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