

Special Issue

Statistical Advances and Modeling in Agriculture

Message from the Guest Editor

Biostatistics has played a crucial role over the years, by supporting and enhancing research contributions within the field of agriculture. Technological advances have now widely facilitated the acquisition of high-dimensional biological data sets. Currently, a major scientific challenge lies in understanding these data sets, efficiently extracting relevant information, and producing new knowledge. Characteristic examples include, but are not limited to, data related to genome-wide DNA methylation, RNA sequencing (transcriptomics), quantitative proteomics, and metagenomics. This Special Issue aims to promote statistical advances and modeling in agriculture. We invite you to submit articles on applied statistics, computational statistics, machine learning, causal discovery/models, novel algorithms, new methodological approaches, etc., in all areas of agriculture, involving high-dimensional data and special or standard datasets. Research articles employing standard statistical methodology and modeling are also welcomed, with an emphasis on the statistical aspects of the performed research.

Guest Editor

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Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

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