Predictions and Estimations in Agricultural Production under a Changing Climate—Volume II

Guest Editors:

Dr. Magdalena Piekutowska

Prof. Dr. Gniewko Niedbała

Dr. Tomasz Wojciechowski

Dr. Mohsen Niazian

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Message from the Guest Editors

Simulations of processes occurring in food production help us to understand the combined effects of water and nutrient deficiencies, pests, diseases, the impact of yield variability, and other field conditions during the growing season. In other words, they integrate multiple factors affecting the final production outcome with relatively low prediction error. Currently, tools supporting prediction in agriculture include classical statistical models, machine learning, GIS tools, satellite and aerial remote sensing, the Internet of Things, and big data. The abovementioned techniques have become allies of decision makers in key decision-making processes, supporting industry databases with relevant information necessary in the process of managing and monitoring agricultural production.

Special Issue

Editor-in-Chief

Prof. Dr. Leslie A. Weston
Graham Centre for Agricultural Innovation, Charles Sturt University, Wagga Wagga, NSW 2678, Australia

Message from the Editor-in-Chief

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