Special Issue

Recent Advances in Spectral Technology Applications in Agriculture

Message from the Guest Editors

Currently, there is a need to continue generating tools and technology applications based on remote sensing data, with the aim of offering researchers, technicians, public institution users, and agricultural traders updated information for decision making. These tools and technologies, based on the use and integration of different spatially information sources, may be used in the agricultural sector, and in the management of natural resources/soil/water, contributing to the improvement of agricultural productivity, efficiency in the use of resources and adaptation to climate change effects. This Special Issue invites authors to participate via the submission of original papers related to recent advances and future perspectives in the potential development of new technological applications related to: (1) describing land use and land cover changes at different temporal and spatial scales, (2) the monitoring and estimation of both forage and crop production, (3) precision agriculture, and (4) remote sensing and machine learning applications based on satellite images and UAVs, among others

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