



Agronomic variables have been usefully revealed by remote sensing of agricultural canopies. The benefit of remote sensing is its capacity to deliver repeated data without harmful crop sampling, which can be used to offer important data for precision agricultural applications (Jung, 2021). Based on the biophysical characteristics of crops and soils, remote sensing technology has the potential to revolutionize the detection and characterization of agricultural productivity. Remote sensing satellite data can be used to estimate yield gather phenological data on crops and spot disturbances and stressful conditions. In order to successfully apply spatial and temporal basic informative layers to a variety of fields, including flood plain mapping, hydrological modelling, surface energy flux, urban development, land use changes, crop growth monitoring, and stress detection, remote sensing in conjunction with Geographic Information System (GIS) is highly advantageous.

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