Special Issue

Crop Leaf Chlorophyll Content, Leaf Area Index and Biomass Retrieval from Landsat and Sentinel Data

Message from the Guest Editors

Leaf chlorophyll content, leaf area index (LAI), and biomass are key biophysical and biochemical parameters indicating the status of crop growth and development. These parameters are used to assess crop water and nutrient status, carbon assimilation rates, surface energy balance, and near-surface climate variables. Remote sensing offers a unique, costeffective means for providing estimates of leaf chlorophyll, LAI, and biomass over large geographical areas at various spatial and temporal scales.



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