

Wu Shangrong

- Associcate Professor Supervisor
- Innovation Team of Smart Agriculture, IARRP, CAAS
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- Ziyuan Building,12 Zhongguancun Nandajie Street, Haidian District,Beijing,China

Research Interests

- •Remote sensing mapping
- •Crop parameter inversion
- Crop yield simulation

Publication

Regional winter wheat yield estimation based on the WOFOST model and a novel VW-4DEnSRF assimilation algorithm,Remote Sensing of Environment,2021, DOI:10.1016/j.rse.2020.112276

Winter wheat LAI inversion considering morphological characteristics at different growth stages coupled with microwave scattering model and canopy simulation model, Remote Sensing of Environment, 2020, DOI:10.1016/j.rse.2020.111681

Influence of reconstruction scale, spatial resolution and pixel spatial relationships on the sub-pixel mapping accuracy of a double-calculated spatial attraction model, Remote Sensing of Environment, 2018, DOI:10.1016/j.rse.2018.03.015

Evaluation of Winter Wheat Yield Simulation Based on Assimilating LAI Retrieved From Networked Optical and SAR Remotely Sensed Images Into the WOFOST Model, IEEE



Transactions on Geoscience and Remote Sensing, 2020, DOI:10.1109/TGRS.2020.3038205

Soil moisture estimation based on the microwave scattering mechanism during different crop phenological periods in a winter wheat-producing region, Journal of Hydrology, 2020, DOI:10.1016/j.jhydrol.2020.125521