



INSTITUTE OF AGRICULTURAL RESOURCES  
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### Research Interests

- Remote sensing of agricultural environment
- Remote sensing evaluation of agricultural resources
- Remote sensing algorithm

### Publication

**Crop classification based on a novel feature filtering and enhancement method**,Remote Sensing,2019, DOI:10.3390/rs11040455

**Maize yield monitoring in Southern Heilongjiang based on SWAP model assimilative remote sensing data(CN)**,Transactions of the Chinese Society of Agricultural Engineering,2019, DOI:10.11975/j.issn.1002-6819.2019.22.034

**Comparison of growth monitoring index NDVI between GF-1 and MODIS images in winter wheat(CN)**,Acta Agronomica Sinica,2018, DOI:10.3724/SP.J.1006.2018.01043

**Remote sensing index selection of leaf blight disease in spring maize based on hyperspectral data**,Transactions of the Chinese Society of Agricultural Engineering, 2017,DOI:10.11975/j.issn.1002-6819.2017.05.025



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**Inversion of photosynthetically active radiation based on GF-1 image by dark object method(CN)**, Transactions of the Chinese Society of Agricultural Engineering, 2016, DOI: 10.11975/j.issn.1002-6819.2016.22.025

**Remote sensing monitoring winter wheat area based on weighted NDVI index(CN)**, Transactions of the Chinese Society of Agricultural Engineering ,2016, DOI: 10.11975/j.issn.1002-6819.2016.17.018

**Study on Remote Sensing Monitoring of Winter Wheat Stripe Rust(CN)**, Beijing/China Agricultural Science and Technology Press,2019,ISBN978-7-5116-4154-0

**Research on Remote Sensing Monitoring of Agricultural Disasters in China(CN)**, Beijing/China Agricultural Science and Technology Press,2017,ISBN:978-7-5116-2852-7

**Principle and practice of remote sensing monitoring of crop area(CN)**, Beijing/Science Press,2017,ISBN:978-7-03-051062-4

**Research on Treatment of Nitrate Pollution in Groundwater(CN)**,Beijing/China Agricultural Science and Technology Press,2014,ISBN:978-7-5116-1939-6