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Research Interests

- Satellite-based crop mapping
- Global cropland change research
- Agricultural land system

Publication

Global cropland intensification surpassed expansion between 2000 and 2010: A spatio-temporal analysis based on Globeland30,Science of The Total Environment,2020, DOI:10.1080/10408398.2020.1825925

Object-based feature selection for crop classification using multi-temporal high-resolution imagery,International Journal of Remote Sensing,2019, DOI:10.1080/01431161.2018.1475779

In-season crop mapping with GF-1/WFV data by combining object-based image analysis and Random Forest,Remote Sensing,2017, DOI:10.3390/rs9111184

Mapping regional cropping patterns by using GF-1 WFV sensor data,Journal of Integrative Agriculture,2017, DOI:10.1016/S2095-3119(16)61392-8

Rice cultivation changes and its relationships with geographical factors in Heilongjiang Province, China,Journal of Integrative Agriculture, 2017, DOI:10.1016/S2095-3119(17)61705-2