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Research Interests

- Agricultural remote sensing
- Chlorophyll fluorescence remote Sensing
- Assimilation of crop model and remote sensing
- Carbon and nitrogen cycle simulation
- Greenhouse gas emission and climate change

Publication

Long-term crop mapping in the three provinces of Northeast China based on multi-source sample fusion, Scientific Data, 2026, DOI: 10.1038/s41597-026-07846-4

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FSM: A reflectance reconstruction method to retrieve full-spectrum sun-induced chlorophyll fluorescence from canopy measurements, IEEE Transactions on Geoscience and Remote Sensing, 2024, DOI: 10.1109/TGRS.2024.3485576



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