

Name	Qi Tian	Country	China	Gender	Man
Year	29	City	AnYang	Married	No
Birthday	1995.3.26	Degree	PhD	Position	No
Major	Agriculture resources and environment: Land resources and spatial information technology				
Connection	Phone: 18691977176 Mail: qtian0326@gmail.com				
Address	Northwest A&F University, Yanling, Shaanxi, China 712100				
Study	Crop model; Phenotyping; Machine learning (AI); RS&GIS				
My facts	I have a broad interest in Agriculture Ecosystem & Crop Modeling, Remote Sensing & GIS, Computer Vision & Image Processing (Phenotyping), Machine Learning &Data Science. I'm good at Python & R. I can speak English. I like basketball, football and swimming. Welcome to my page: <a href="https://github.com/weathergit">https://github.com/weathergit</a> ; <a href="https://weathergit.github.io/">https://weathergit.github.io/</a> .				



## Education

2021-2025 PhD	Northwest A&F University	Supervisor: Qiang Yu; Gang Zhao
2019-2021 Master	Northwest A&F University	Supervisor: Chao Yue
2015-2019 Bachelor	Northwest A&F University	Supervisor: Qiuhan Zhu

## Projects

1. Shaanxi key research and development: artificial intelligence diagnosis and early warning of crop diseases and insect pests 2023-2025  
Content: Early identification and warning of crop diseases by CNN and M based on meteorological data, field images, etc.
2. Guangxi key research and development: integration of green control technology for grape downy mildew 2021-2024  
Content: Using laboratory and field images, CNNs and SAMs to perform phenotypic diagnosis of downy mildew.

## Publications

1. Qi Tian, Gang Zhao\*, Changqing Yan, Linjia Yao, et.al. Enhancing practicality of deep learning for crop disease identification under field conditions: insights from model evaluation and crop-specific approaches.  
*Pest Management Science*. 2024. IF:3.8
2. Changqing Yan, Zeyun Laing, Lin Yin, Shumei Wei, Qi Tian, et.al. AFM-YOLOv8s: An Accurate, Fast, and Highly Robust Model for Detection of Sporangia of *Plasmopara viticola* with Various Morphological Variants.  
*Plant Phenomics*. 2024. IF:7.6

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3. Jiaojiao Tan, Gang Zhao\*, Qi Tian, Lei Zheng, et.al. Overcoming mechanistic limitations of process-based phenological models:A data clustering method for large-scale applications.  
*Agricultural and Forest Meteorology*. 2024. IF:5.6

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  4. Xiaofeng Kang, Dingrong Wu\*, ..., Qi Tian, et.al. Performance of nine maize phenology models in China under historical climate change conditions.  
*Agricultural and Forest Meteorology*. 2024.IF:5.6

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  5. Junzhi Ye, Yunfeng Hu, ..., Qi Tian, et.al. Monitoring of Cropland Abandonment and Land Reclamation in the Farming-Pastoral Zone of Northern China.  
*Remote Sensing*. 2024. IF:4.2

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  6. Ziheng Peng, Yu Liu, Jiejun Qi, Hang Gao, Xiaomeng Li, Qi Tian, et.al. The climate-driven distribution and response to global change of soil-borne pathogens in agroecosystems.  
*Global Ecology and Biogeography*. 2023. IF:6.3

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  7. Jie Zhao, Jiaming Wang, Yifan Meng, ..., Qi Tian, et.al. Spatiotemporal patterns of fire-driven forest mortality in China.  
*Forest Ecology and Management*. 2023. IF:3.7

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  8. Qinsi He, De Li Liu, Bin Wang, ..., Qi Tian, et.al. Identifying effective agricultural management practices for climate change adaptation and mitigation: A win-win strategy in South-Eastern Australia.  
*Agricultural Systems*. 2022. IF:6.1

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  9. Jie Zhao, Liang Wang, Xin Hou, ..., Qi Tian, et.al. Fire Regime Impacts on Postfire Diurnal Land Surface Temperature Change Over North American Boreal Forest.  
*JGR: Atmospheres*. 2021. IF:3.8
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