

## Jiangshan Yu

*A joint Ph.D. with external funding (CSC scholarship)*

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### Education

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✧ **School of Ecology and Nature Conservation, Beijing Forestry University, Beijing, China**

Ph.D. in Ecology

✧ **School of Ecology and Nature Conservation, Beijing Forestry University, Beijing, China**

M.S. in Ecology

GPA:3.45

✧ **College of Agriculture, Ningxia University, Yinchuan, China**

B.A. in Forestry

### Research interest

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- Investigating the variation in functional traits of *Pinus tabulaeformis* in natural forests and the response and adaptation of its functional traits to simulated atmospheric Nitrogen deposition.

### First-author papers

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- [1] 于江珊, 田佳, 董亚宁, 等. 宁夏沙漠区 2 种生物固沙材料性能对比 [J]. *中国水土保持科学*, 2020, 18(03):99-105.
- [2] 于江珊, 宋沼鹏, 侯继华. 氮添加对天然油松林油松不同器官 N-P 分配策略的影响 [J]. *生态学报*, 2022, 42(02):732-741.
- [3] 于江珊, 许浩, 郭永忠, 等. 器官年龄在油松叶、枝、根化学计量特征变异以及协调中的重要作用 [J/OL]. *植物生态学报*, 2025
- [4] Jiangshan Yu, Zhaopeng Song, Jihua Hou, Life form-dependent nitrogen–phosphorous allocation strategies of leaf and fine root in a temperate natural forest under long-term nitrogen addition, *Journal of Plant Ecology*, 2023, 16, rtad013. <https://doi.org/10.1093/jpe/rtad013>
- [5] Effects of nitrogen addition on functional traits and their associations across multiple organs in *Pinus tabulaeformis* (*Tree physiology*: Under view)
- [6] The elemental composition of leaves and transport roots is more strongly influenced by phylogeny, while the elemental composition of absorptive roots is less influenced by phylogeny. (*Preparing*)
- [7] Divergent nitrogen and phosphorus allocation strategies in the natural *Pinus tabulaeformis* forests plant leaves and fine roots. (*Preparing*)

## Involved projects

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1. The National Natural Science Foundation of China (31872683): Spatial and temporal dynamics of root-leaf functional traits of major species in Chinese natural *Pinus tabuliformis* forests and their response to simulated nitrogen deposition.
2. The Ningxia Yinchuan Science and Technology Support Project (2024SF052): Enhancement Techniques and Demonstration of Carbon Sequestration Function in the Desert Ecosystem on the East Bank of the Yellow River in Yinchuan.

## Awards

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| 1. Academic Innovation Award of Beijing Forestry University              | 2024 |
| 2. Outstanding Poster Award of School of Ecology and Nature Conservation | 2021 |