

# YIFAN ZHOU

## Ph.D. Candidate · Agricultural & Forestry Economics

### Academic Affiliations

- **Northwest A&F University** (Project 985 211 University, China)
- **University of Toronto** (QS World Ranking Top 20) - Visiting Ph.D. Candidate / Research Assistant

### Personal Information

**Gender:** Male | **Date of Birth:** September 30, 1996

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### Education

#### 2024.8 - 2025.9

**University of Toronto, Daniels Faculty of Forestry**

*Visiting Ph.D. Candidate / Research Assistant*

- QS World University Ranking: Top 20
- Research Focus: Forest Carbon Sink and Climate Change Policy

## 2022.9 - 2025.9

**Northwest A&F University, College of Economics and Management**

*Ph.D. Candidate in Management*

- Project 985 & 211 University, Double First-Class University
- National Key Discipline in Agricultural & Forestry Economics
- ESI Global Top 1% Discipline

## 2019.9 - 2022.6

**Hebei Agricultural University, College of Economics and Management**

*Master of Economics*

- Provincial Key Discipline in Agricultural Economics
- Outstanding Master's Thesis Award

## 2015.9 - 2019.6

**Hebei Agricultural University, Business School**

*Bachelor of Management*

- Outstanding Graduate Award

# Academic Achievements

## Publications (10 Papers in Total, 8 as First Author, 3 SCI/SSCI Indexed)

### SCI/SSCI Journal Papers

1. [First Author] "Forest Land Property Rights and Forest Ecosystem Quality: Evidence from Forest Land Titling Reform in China"

*Journal of Environmental Management* (2024)

- JCR Q1, SCI Top Category
- Impact Factor: 8.910
- DOI: <https://doi.org/10.1016/j.jenvman.2024.123744>

2. [First Author] "Carbon sequestration costs and spatial spillover effects in China's collective forests"

***Carbon Balance and Management*** (2023)

- JCR Q2, SCI Category 3
- Impact Factor: 4.893
- DOI: <https://doi.org/10.1186/s13021-024-00261-5>

3. [Third Author] "Spatiotemporal Evolution and Influencing Factors of Carbon Sink Dynamics"

***International Journal of Environmental Research and Public Health*** (2023)

- SSCI Indexed, JCR Q1
- Impact Factor: 4.614
- DOI: <https://doi.org/10.3390/ijerph182413081>

## CSSCI Journal Papers

4. [First Author] "Does Forest Property Rights Reform Enhance Carbon Sequestration? Evidence from New-round Forest Reform" [In Chinese]

***Agricultural Technology & Economics*** (2023)

- CSSCI Core Journal
- Leading Journal in Agricultural Economics
- Full Text Reprinted by Renmin University

5. [First Author] "Spatiotemporal Evolution and Driving Factors of Forest Land Fragmentation in China: 1992-2022" [In Chinese]

***Progress in Geography*** (2023)

- CSSCI Core Journal
- Official Journal of the Geographical Society of China
- Top Journal in Geography

6. [First Author] "Spatiotemporal Evolution and Influencing Factors of Agricultural Carbon Emissions at County Level" [In Chinese]

***Chinese Journal of Eco-Agriculture*** (2022)

- CSCD Source Edition
- Leading Journal in Agricultural Ecology

7. [First Author] "Meta-analysis of Forest Carbon Sequestration Response to Forest Management Intensity" [In Chinese]

***Forestry Economics*** (2022)

- PKU Core Journal
- Official Journal of Chinese Society of Forestry Economics

8. [First Author] "Research on Agricultural Total Factor Productivity in Hebei Province Based on DEA-Malmquist Index" [In Chinese]

***Journal of Hebei Agricultural University*** (2021)

- University Core Journal
- Cited by Multiple CSSCI Papers

9. [First Author] "Study on Planting Industry Production Efficiency in Hebei Province from Food Security Perspective" [In Chinese]

***Statistics and Management*** (2021)

- Provincial Key Journal
- Cited by Multiple CSSCI Papers

10. [First Author] "Spatial Differentiation of Agricultural R&D and Agricultural Productivity" (Under Review) [In Chinese]

***Issues in Agricultural Economy***

- CSSCI Core Journal
- Top Journal in Agricultural Economics

## Conference Presentations

**1. 2023 China Forestry Economics Annual Conference**

- Presentation: "Forest Reform and Ecosystem Quality Research"
- **Achievement:** Outstanding Paper Award
- National Top Conference in Forestry Economics

**2. 2023 China Land Economics Annual Conference**

- Presentation: "Forest Property Rights and Carbon Sequestration"
- **Role:** Invited Speaker
- Key Academic Conference in Land Economics

**3. 17th Tsinghua University National Environmental Ph.D. Forum**

- Presentation: "Forest Management under Carbon Neutrality Goals"
- **Achievement:** Outstanding Paper Award
- Prestigious National Academic Forum

**4. 2024 Tsinghua University Rural Research Ph.D. Forum**

- Keynote Speech: "Rural Property Rights and Ecological Governance"
- Selected for Plenary Session Presentation

**5. 2024 Shimane University International Academic Exchange**

- English Presentation: "Forest Management and Carbon Sequestration"
- International Academic Exchange Program

**6. 2nd National Input-Output and Big Data Research Conference**

- Paper Presentation and Outstanding Paper Award
- National Academic Conference

# Research Projects

## National Level Project

### National Social Science Foundation Youth Project (2021.7 - 2021.8)

- Project Title: "Research on Carbon Storage Increment Ecological Compensation Mechanism for High-Quality Forestry Development"
- **Key Contributions:**
  - Conducted Meta-analysis of national forest management experimental data
  - Developed innovative prediction models using Python and R programming
  - Applied DID method for empirical analysis
  - Research findings adopted by provincial policy makers

### National Natural Science Foundation of China General Program (July 2021 - August 2023)

- Project Title: Research on the Mechanism of Environmental Awareness and Skills Affecting Farmers' Pro-environmental Behavior and Policy Optimization: A Case Study of Non-timber Forest Products Production in the Qinba Mountains
- **Main Responsibilities:**
  - Organized and led a team to conduct green production and rural environmental surveys in 9 counties in the southern Shaanxi mountainous area
  - Developed a model to predict farmers' production behavior based on survey data and machine learning models
  - Conducted empirical research using the Difference-in-Differences (DID) method

## Provincial Level Projects

1. **Major R&D Program, Hebei Province Science and Technology Department** (2019.9 - 2021.5)
  - Project Title: "Measurement and Monitoring of Agricultural Science and Technology Progress in Hebei Province"
  - **Key Achievements:**
    - Developed innovative Solow model application
    - Calculated agricultural factor output elasticity
    - Completed contribution rate assessment report for 2019-2020
    - Research findings adopted for policy making
2. **Fourth National Economic Census, Hebei Province Statistical Bureau** (2020.4 - 2020.8)
  - Project Title: "R&D Status and Productivity Measurement in Hebei Province"

- **Major Contributions:**
  - Constructed DEA-Malmquist efficiency evaluation system
  - Developed spatial econometric models using ArcGIS
  - Research report adopted by provincial statistical bureau

## Other Research Projects

### Hebei Province College Students' Social Survey Program (2020.4 - 2020.9)

- Project Title: "Agricultural Non-point Source Pollution and Green Productivity Research in Hebei Province"
- **Role:** Principal Investigator
- **Achievements:**
  - Led research design and implementation
  - Conducted comprehensive survey covering 168 counties
  - Research findings received provincial excellence award

## Academic Honors

- China Scholarship Council (CSC) Scholarship, 2024-2025
- First-Class Doctoral Scholarship, Northwest A&F University, 2023-2024
- Outstanding Paper Award, National I/O and Big Data Research Conference
- First Prize, Hebei Provincial Economic Census Research

## Professional Skills

- **Data Analysis:** Proficient in Python, R, ArcGIS, GeoDa
- **Research Tools:** Proficient in CNKI, Web of Science, EndNote, Stata, SPSS
- **Language:** CET-6 (507), Fluent in Academic English
- **Professional Certificates:**
  - Junior Accountant Qualification
  - Securities Practitioner Qualification
  - CPA (Passed 1 Subject)

# Personal Interests

Sports enthusiast (Table Tennis, Badminton); Keen interest in technology and digital innovation