# Yong Liu, Ph.D. Candidate

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**RESEARCH INTERESTS**

Primary: Climate change adaptation in agricultural production with a focus on farmers' decision-making processes

Secondary: The measurement and mapping of farmers' social vulnerability and resilience to climate change in less-developed countries, including China

**ACADEMIC BACKGROUND**

*Ph.D. Candidate in Community Sciences*    2019 - May 2023 (Expected)
University of Florida, USA    GPA 4.0/4.0
- Dissertation title: Field crop farmers' climate change adaptation and resilience: From incremental to transformative

*Master of Science (M.S.) in Agricultural Economics*    2016 - 2019
Huazhong Agricultural University, China

*Bachelor of Science (B.S.) in Finance*    2012 - 2016
Anhui University, China

**ACADEMIC EXPERIENCE**

*Graduate Teaching Assistant*    2022 - 2023
Dept. of Family, Youth and Community Sciences
University of Florida, Gainesville, FL, USA

*Graduate Research Assistant*    2019 - 2023
Dept. of Family, Youth and Community Sciences
University of Florida, Gainesville, FL, USA

*Research Project Assistant*    2016 - 2019
College of Economics and Management
Huazhong Agricultural University, Wuhan, China

**PEER-REVIEWED PUBLICATIONS**

**Liu, Y.**, Ruiz-Menjivar, J., Zhang, L., Zhang, J., & Swisher, M. E. (2019). Technical training and rice farmers' adoption of low-carbon management practices: the case of soil testing and formulated fertilization technologies in Hubei, China. *Journal of Cleaner Production*, *226*, 454-462.

**Liu,Y.**, Ruiz-Menjivar, J., Zhang, J. (2022). Do soil nutrient practices improve climate resilience? Empirical evidence from rice farmers in Hubei, China. *Environment, Development and Sustainability*, 1-26.

**Liu, Y.**, Ruiz-Menjivar, J., Hu, Y., Zavala, M., & Swisher, M. E. (2022). Knowledge mapping of the extant literature on the environmental impacts of using cover crops—A scientometric study. *Environments*, *9*(9), 120.

Ruiz-Menjivar, J., Johns, T., Counts, T., **Liu, Y.**, & Jones, J. A. (2022). Profiles

in workplace giving: a cluster analysis of 'types' of givers within a public university. *Voluntary Sector Review*, 1-26.

**PAPERS UNDER REVIEW**

**Liu, Y.**, Ruiz-Mengjivar J., & Zhang, J. Examining the effects of climate change adaptation on technical efficiency—Evidence from rice producers in Central China. *Mitigation and Adaptation Strategies for Global Change*, Under review.

**Liu, Y.**, Ruiz-Mengjivar J., & Zhang, J. Using machine learning to evaluate the effect of agricultural training on rice farmers' climate-smart pest management in China. Submitted to *Climate and Development*.

Ruiz-Menjivar, J., Copur, Z., & **Liu, Y.** Gender differences in financial socialization and financial knowledge: The case of Turkey. *Journal of Family and Economic Issues*, Under review.

**WORKING PAPERS**

**Liu, Y.**, Ruiz-Mengjivar, J., & Zhang, J. Transform to climate-smart agriculture: How does internet use affect farmers' adoption of climate-adaptive practices in central China?

**Liu, Y.**, & Ruiz-Mengjivar, J. Understanding field crop farmers' climate change adaptation decision-making: An empirical analysis based on the theory of planned behavior and protection motivation theory.

**Liu, Y.**, Ruiz-Mengjivar, J., & Zhang, J. Bridging farmers' psychological distance to climate change: Do social networks play a role?

**Liu, Y.**, Ruiz-Mengjivar, J., & Zhang, J. From incremental to transformative: How adaptation impacts farmers' climate resilience?

**GRANT APPLICATION AND EXPERIENCE**

Principal Investigator, USDA SARE(GS21-235), $15,775.00, *Examining Field Crop Farmers' Climate Change Perceptions, Adaptation Strategies, and Resilience in Florida: A spatial econometric approach* 2021 - 2023

Co-Investigator, USDA SARE(LS21-360), $399,999.00, *Specialty Pumpkin: Laying the Groundwork for an Emerging Crop and Lucrative Products* 2021 - 2023

Co-Investigator, USDA(FLA-FYC-005952), *Cover Crops for Sustainable Southern Agroecosystems* 2020 - 2024

**ACADEMIC CONFERENCES**

**Liu, Y.**, Ruiz-Mengjivar, J., & Zhang, J. (2022, Jul.31- Aug.2).*Climate adaptation and technical efficiency of rice production in Central China.* Paper post presented at the 2022 Agricultural & Applied Economics Association (AAEA) Annual meeting, Anaheim CA, the United States.

**Liu, Y.** & Ruiz-Mengjivar, J. (2019, Oct.30-Nov.2).*Exploring the effects of environmental knowledge and health investment on physical and mental health: Evidence from a nationally representative sample of rural women in Rural China.* Paper presented at the International Conference on Cleaner Production & Sustainability, Hong Kong, China.

**Liu, Y.**, Zhang, J., Zhang, L. (2017, Oct.11-12).*A review of eco-agriculture research: Scientometric analysis and visualization* (In Chinese). Paper poster presented at the

Chinese Conference on Agricultural Forestry Economics and Management, Nanjing, China.

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| **INSTRUCT-IONAL EXPERIENCE** | FYC 6901 *Problems in Family, Youth, and Community Sciences* | Summer 2021 |

- Presentation title: Scientometric analysis
- Credits: 3
- Course format: Lecture, Online

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| | FYC 6802 *Advanced Research Methods for the Social Sciences* | Spring 2021 |

- Presentation title: Scientometric analysis
- Credits: 3
- Course format: Lecture, Online

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| **AWARDS AND RECOGNITIONS** | *Kappa Omicron Nu* Membership | 2021 - Present |
| | USDA SARE Graduate Project Award | 2021 - 2023 |
| | Research Assistantship, University of Florida | 2019 - 2023 |
| | China Scholarship Council (CSC) Scholarship | 2019 – 2023 |
| | Graduate Innovation Award, Huazhong Agricultural University, China | Fall 2018 |
| | First Class Honor Grade Graduate Academic Scholarship, Huazhong Agricultural University, China | 2017 - 2019 |
| | Second Class Honor Grade Award for Excellent Presenter in Academic Annual Conference, Huazhong Agricultural University, China | 2018 |

**TECHNICAL AND STATISTICAL SKILLS**

Software Use: Stata, R, MATLAB, ArcGIS, Gephi, GeoDa, LaTeX, NVivo

Statistical Skills:
- Data collection and sampling methods
- Questionnaire design
- Quantitative research design
- Network analysis
- Spatial analysis

**ACADEMIC SERVICES**

Manuscript Referee:
- *Renewable Agriculture and Food Systems* (JCR Q1)
- *Environmental Science and Pollution Research* (JCR Q2)
- *Mitigation and Adaptation Strategies for Global Change* (JCR Q2)
- *Environment, Development and Sustainability* (JCR Q2)
- *Journal of Environmental Planning and Management* (JCR Q3)

**LANGUAGES**

**Chinese**: Native/Bilingual Proficiency
**English**: Professional Working Proficiency