Hongqiang Yan

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ACADEMIC POSITIONS

Postdoctoral Research Scholar   2024 – Present

    Morrison School of Agribusiness, W. P. Carey School of Business, Arizona State University

RESEARCH FIELDS

Production Economics, Technology Adoption, Econometric Theory, Applied Econometrics, Big Data Analysis, Risk Management, Agribusiness Finance, Climate Change

EDUCATION

Ph.D. in Economics, North Carolina State University   2024

    Dissertation: *Essays on High-Dimensional Threshold Models*

    Ph.D. Committee: Mehmet Caner (Chair), Barry Goodwin, Zheng Li, Ilze Kalnina

M.S. in Economics, Texas A&M University   2018

B.A. in Finance, Beijing Jiaotong University   2016

PEER-REVIEWED JOURNAL ARTICLES

[1] Yan, H., Mishra, A. K., & Zhou, X. (2025). Do all food and beverage firms benefit from voluntary ESG reporting? Evidence from China's listed companies. *Agribusiness*, forthcoming.

[2] Khanal, A. K., Mishra, A. K., Hazrana, J., & Yan, H. (2025). Risk attitude, perception, management experience, and productivity: Evidence from a semiparametric approach and a less-developed economy. *European Review of Agricultural Economics*, forthcoming.

SUBMITTED MANUSCRIPTS

[1] **Hongqiang Yan**, Serkan Aglasan, Le Chen, Roderick Rejesus. The Dual Damage from Soil Erosion: Lower Yields and Higher Risk in US Agriculture. (Under Review, *American Journal of Agricultural Economics*)

[2] Mitchell Roznik, Ashok K. Mishra, **Hongqiang Yan**. Field Rotation Related Soil Productivity Changes, Yield Risk, and Efficiency in Crop Insurance Rating. (Under Review, *Journal of the Agricultural and Applied Economics Association*)

WORKING PAPERS

[1] Jiatong Li, **Hongqiang Yan**. Uniform Inference in High-Dimensional Threshold Regression Models. (Co-first authored; Target Journal: *Journal of Econometrics*)

[2] **Hongqiang Yan**, Barry Goodwin, Mehmet Caner. Global Maize Market Integration: A High-Dimensional Local Projection Approach with Mixed-Frequency Data and Regime Switching. (Target Journal: *Journal of Applied Econometrics*)

[3] **Hongqiang Yan**, Mark Manfredo, Ashok K. Mishra. Machine Learning Forecasts for Food Price Inflation: Expanding FRED-MD.

[4] **Hongqiang Yan**, Ashok K. Mishra, Jaweriah Hazrana. Spatial Analysis of Modern Rice Varieties Technology on Production: Evidence from Panel Data in Bangladesh.

[5] Mitchell Roznik, Ashok K. Mishra, **Hongqiang Yan**. Extreme Climate, Financial Health, and Credit Default Risk: An American Landscape.

WORK IN PROGRESS

[1] **Hongqiang Yan**. Data-Driven Estimates of Structural Change in the Demand for Multiple Peril Crop Insurance.

[2] **Hongqiang Yan**, Ashok K. Mishra, Xi Zhou. Examining the Role of Spatial Heterogeneity in Productivity-Enhancing Activities: Evidence from the Chinese Food and Beverage Sector.

TEACHING EXPERIENCE

Instructor, Arizona State University
International Management and Agribusiness   Summer 2025
Instructor, NC State University
Principles of Microeconomics   Spring 2023
Graduate Teaching Assistant, NC State University
Fundamentals of Microeconomics (Graduate-Level)   Fall 2022, 2021, 2020
    Summer math camp and recitations
Applied Econometrics I (Graduate-Level)   Fall 2021, 2020, 2018
    Recitations
Introduction to Commodity Futures Markets   Fall 2022
Microeconomics II (Graduate-Level)   Spring 2020
Introduction to Econometric Methods (Graduate-Level)   Spring 2020
Principles of Microeconomics   Spring 2022, Fall 2019
Public Finance   Spring 2019

PRESENTATIONS

* indicates presenter

[1] Hongqiang Yan[*], Mark Manfredo, Ashok K. Mishra. *"Drivers of Food Price Inflation in the United States: A High-Dimensional Local Projection Approach"*, Selected Poster, AAEA & WAEA Annual Meeting, Denver, CO, July 2025 (Scheduled).

[2] Hongqiang Yan[*], Ashok K. Mishra, Xi Zhou. *"Examining the Role of Spatial Heterogeneity in Productivity-Enhancing Activities: Evidence from the Chinese Food and Beverage Sector"*, Selected Poster, AAEA & WAEA Annual Meeting, Denver, CO, July 2025 (Scheduled).

[3] Subarta Chakraborty[*], Ashok K. Mishra, Hongqiang Yan. *"Impact of Rural Employment Guarantee Program on Farming Efficiency: Evidence from an Emerging Economy"*, Selected Paper, AAEA & WAEA Annual Meeting, Denver, CO, July 2025 (Scheduled).

[4] Jiatong Li[*], Hongqiang Yan. *"Uniform Inference in High-Dimensional Threshold Regression Models"*, Selected Paper, The 19th International Symposium on Econometric Theory and Applications, Macau SAR, China, June 2025 (Scheduled).

[5] Hongqiang Yan[*], Mark Manfredo, Ashok K. Mishra. *"Machine Learning Forecasts for Food Price Inflation: Expanding FRED-MD"*, Selected Paper, NCCC-134 Conference, Chicago, IL, April 2025.

[6] Mitchell Roznik, Ashok K. Mishra, Hongqiang Yan[*]. *"Extreme Climate, Financial Health, and Credit Default Risk: An American Landscape"*, Selected Paper, SAEA Annual Meeting, Irving, TX, February 2025.

[7] Hongqiang Yan[*], Ashok K. Mishra, Jaweriah Hazrana. *"Assessing Spatial Variations in Productivity and Technology Adoption: Evidence from Jute Production in Bangladesh"*, Selected Paper, SAEA Annual Meeting, Irving, TX, February 2025.

[8] Jiatong Li[*], Hongqiang Yan. *"Uniform Inference in High-Dimensional Threshold Regression Models"*, Selected Paper, Midwest Econometrics Group Conference, Lexington, KY, November 2024.

[9] Jiatong Li[*], Hongqiang Yan. *"Uniform Inference in High-Dimensional Threshold Regression Models"*, Selected Poster, Canadian Econometrics Study Group, Toronto, ON, October 2024.

[10] Hongqiang Yan[*], Barry K. Goodwin. *"Data-Driven Estimates of Structural Change in the Demand for Multiple Peril Crop Insurance"*, Selected Poster, AAEA Annual Meeting, New Orleans, LA, July 2024.

[11] Hongqiang Yan[*], Serkan Aglasan, Le Chen, Roderick M. Rejesus. *"The Impact of Soil Erosion on Mean Yields and Yield Risk"*, Selected Paper, AAEA Annual Meeting, New Orleans, LA, July 2024.

[12] Jiatong Li[*], Hongqiang Yan. *"Uniform Inference in High-Dimensional Threshold Regression Models"*, Selected Paper, Bristol Econometrics Study Group, Bristol, UK, July 2024.

[13] Hongqiang Yan[*], Barry K. Goodwin, Mehmet Caner. *"Investigating Integration and Exchange Rate Pass-Through in World Maize Markets Using Inferential LASSO Methods"*, Selected Paper, AAEA Annual Meeting, Washington, DC, July 2023.

[14] Hongqiang Yan[*]. *"Uniform Inference in High-Dimensional Threshold Regression Models"*, Selected Paper, Midwest Econometrics Group Conference, East Lansing, MI, October 2022.

FELLOWSHIPS, AWARDS, AND GRANTS

2025 New Governance Lab Summer Research Grant, Arizona State University   2025

  Project: "Voluntary ESG Reporting and Firm Performance: An Exploration in China's Food and Beverage Industry"

Goodnight Doctoral Fellowship, NC State University   2022 – 2024

  Awarded to 30 top doctoral students university-wide; provided guaranteed funding through graduation.

Jenkins Fellowship, NC State University   2023 – 2024

  Sole recipient selected from final-year Economics Ph.D. students for outstanding academic achievement.

JOURNAL REFEREE

Referee: *Agribusiness: An International Journal*($\times$ 4), *Journal of Agricultural and Applied Economics*($\times$ 1)

OTHER INFORMATION

Programming: R, Python, MATLAB, Stata

Language: English(fluent), Mandarin Chinese(native)

Nationality/VISA Status: China/U.S. F-1

REFERENCES

Barry K. Goodwin
William Neal Reynolds Distinguished Professor and Graduate Alumni Distinguished Professor
Department of Agricultural & Resource Economics
North Carolina State University
bkgoodwi@ncsu.edu

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Professor and Extension Specialist

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Ashok K. Mishra
Kemper and Ethel Marley Foundation Chair and Professor

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Mehmet Caner (Ph.D. Advisor)
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