

YUE ZHAO

Phone: +1(608)960-3706 Email: yzhao19@iastate.edu
Department of Economics, Iowa State University
560D, Heady Hall, 518 Farm House Lane, Ames, IA 50011

EDUCATION

Iowa State University 2019 - 2024 (expected)
Ph.D. candidate. Major: Economics. Minor: Statistics.
Primary field: Agriculture Economics. Other field: Energy Economics.

University of Wisconsin-Madison 2017 - 2019
M.S., Econometrics and Quantitative Economics

Minzu University of China 2013 - 2017
B.S., Public Finance

RESEARCH FIELDS

Agriculture Production Risk Analysis, Risk Management, Crop Insurance, Environmental Impacts of Agriculture Production, Precision Agriculture Practices, Agriculture Technology Adoption, Commodity Markets, Electricity Market, Applied Econometrics.

PEER-REVIEWED PUBLICATIONS

Du, Xiaodong, **Yue Zhao**, and Adria E. Brooks. "Wholesale Price Dynamics in the Evolving Texas Power Grid." *The Electricity Journal* 36, no. 5 (2023): 107287.

Yue Zhao. "Credit Constraints for Family Farms in Heshan City and Jinxiu Yao Autonomous County of Guangxi Zhuang Autonomous Region." *Beijing Financial Review*, 4(4) (2015): 210-217. (In Chinese.)

Yue Zhao. "Theodore W. Schultz' Thoughts of Transforming Traditional Agriculture and the Implication on China's Agricultural Modernization," *Wenhua Selections I*, China Economic Press, (2015): 251-259. (In Chinese.)

WORKING PAPERS AND PAPERS UNDER REVIEW

"Electricity Market Resilience in the Face of Hurricane Harvey: A Network-Oriented Approach." (**Yue Zhao**, Adria E. Brooks, and Xiaodong Du; Revise and resubmit at *Energy Economics*.)

"Information Conveyed by Management Zones and Optimal Soybean Seeding Rate." (**Yue Zhao**, David Hennessy, Laura Lindsey, Maninder Singh, and Alexander Lindsey; Minor revision at *Agronomy Journal*.)

"Precautionary Motives in Corn Optimal Seeding Rate Choices." (**Yue Zhao**, David Hennessy, and Alexander Lindsey.)

WORK IN PROGRESS

"Diffusion and Adoption of Genetically Engineered Soybean and Corn Varieties in the United States." (**Yue Zhao** and David Hennessy.)

"Different Tolerance of Corn and Soybean to Weather Stresses, Commodity Market Responses, and Implications on Crop Insurance Subsidies' Distortion Effects." (**Yue Zhao** and David Hennessy.)

CONFERENCE PRESENTATION

2023 Agricultural & Applied Economics Association Annual Meeting

“Different Tolerance of Corn and Soybean to Weather Stresses and Implications on Crop Insurance Subsidies’ Distortion Effects.”

2022 Agricultural & Applied Economics Association Annual Meeting

“Precautionary Motives in Corn Optimal Seeding Rate Choices.”

“Information Conveyed by Management Zones and Optimal Soybean Seeding Rate.”

2021 Agricultural & Applied Economics Association Annual Meeting

“Impact of Natural Disaster on Wholesale Electricity Market: The Case of Hurricane Harvey in ERCOT.”

TEACHING EXPERIENCE

Department of Economics, Iowa State University

Stand-alone Instructor, Principles of Microeconomics

Summer 2023

Teaching Assistant, Money, Banking, and Financial Institutions

Spring 2021

Teaching Assistant, Principles of Microeconomics

Spring 2021, Fall 2019

Teaching Assistant, Principles of Macroeconomics

Spring 2020, Fall 2020

OTHER RESEARCH EXPERIENCE

Research Assistant

August, 2021-present

Supervised by Prof. David Hennessy

Department of Economics, Iowa State University

Project Assistant

January, 2018-May, 2019

Supervised by Prof. Xiaodong Du

Department of Agricultural & Applied Economics, UW-Madison

Research Assistant

June, 2018-August, 2018

Funded by Ministry of Agriculture of the People’s Republic of China

Agricultural Policy Research Program

“Agricultural Products Branding and Agricultural Modernization of China.”

Research Team Member

January, 2015-April, 2016

National Undergraduates’ Research Training Project

“Research on Challenges that Family Farms Faced – The Case of Family Farms in Heshan City and Jinxiu Yao Autonomous County.”

AWARDS

Excellent Undergraduate Thesis at Minzu University of China

2017

First Prize Scholarship for Academic Excellence at Minzu University of China

2014, 2015

SKILLS & LANGUAGE

Software R, MATLAB, STATA, ArcGIS, LaTeX

Language English (proficient), Mandarin (native)