Xiang (Shawn) Cao

caox0409@scu.edu.cn
Room North-107 in SOE
https://www.xiang-cao.com

Research Experience

2019– Assistant Professor, School of Economics, Sichuan University

2014–19 Research Assistant, Department of Agricultural and Applied Economics, Virginia Tech

2013–14 Research Assistant, Food and Resource Economics Department, University of Florida

Education

Ph.D. *Economics*
Virginia Tech May 2019

- Dissertation: "Essays on Environmental Economics with a Focus on Non-market Valuation"
- Committee: Kevin Boyle (Advisor), Olga Isengildina-Massa, Darrell Bosch and George Davis

M.S. *Agricultural Economics*
University of Florida 2014

- Thesis: "Addressing Production and Marketing Challenges of the Florida Tomato Industry" (Best Master Thesis of the Department in 2014)

B.S. *Economics*
University of International Relations 2012

Research Areas

Environmental Economics, Consumer and Family Economics, and Applied Econometrics

Teaching Experience

2018 Teaching Assistant, AAEC 2104, Personal Financing, Department of Agricultural and Applied Economics, Virginia Tech

Peer-Reviewed Publications

Cao, Xiang, Darrell J. Bosch, and James Pease. "Recycling Irrigation Water on Ornamental Nursery Operations: Could Consumer Premiums Compensate for Grower Adoption Costs?" *HortScience* 52.12 (2017): 1780-1789. doi: 10.21273/HORTSCI12125-17

Cao, Xiang, Guan, Z., Vallad, G. E., & Wu, F. (2019). Economics of fumigation in tomato production: the impact of methyl bromide phase-out on the Florida tomato industry. *International Food and Agribusiness Management Review*, 1-12. doi: 10.22434/IFAMR2018.0074

Other Publications

Isengildina-Massa, O., B. Karali, S. H. Irwin, M. K. Adjemian, and **Xiang Cao**. (2016). "The Value of USDA Information in a Big Data Era." Proceedings of the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management. St. Louis, MO. [http://www.farmdoc.illinois.edu/nccc134].

Cao, Xiang, Lisa House, Zhengfei Guan, and Zhifeng Gao. (2014). "Marketing Strategies to Promote Florida Tomatoes." The Florida Tomato Proceedings 2014, 14-16.

Working Papers

Isengildina-Massa, Olga, **Xiang Cao**, and Berna Karali. "The Market Impact of USDA Crop and Livestock Reports in the Big Data Era." (*Journal of Commodity Markets*, under review)

Mountain, Travis P., Xiang Cao, and Namhoon Kim. "Millennials' Future Homeownership and the Role of Student Loan Debt." (*Family and Consumer Sciences Research Journal*, Revise & Resubmit)

Cao, Xiang, Lisa O. House, Zhengfei Guan, and Zhifeng Gao. "Determining the Impact of State-Specific Signs and Labels on Tomato Marketing." (*Journal of Agricultural and Applied Economics*, under review)

Work in Progress

Cao, Xiang, Kevin J. Boyle, Shyamani Siriwardena, and Thomas P. Holmes. "Estimating Demand for Urban Tree Cover Using a Residential Sorting Model." (Target journal: *Ecological Economics*)

Cao, Xiang, Travis P. Mountain. "Student Loan, Financial Literacy, and Debt Composition among Millennials in the United States: A Fractional Multinomial Logit Approach." (Target journal: *Journal of Consumer Affairs*)

Academic Presentations

Cao, Xiang, Travis P. Mountain, and Namhoon Kim. "Student Loan Debt and Homeownership among Millennials in the United States." Selected paper presentation, Annual Meeting, Agricultural and Applied Economics Association, Atlanta, GA, July 2019.

Travis P. Mountain, **Xiang Cao**, and Namhoon Kim. "Student Loan, Financial Literacy, and Homeownership among Millennials in the United States." Selected paper presentation, American Council on Consumer Interests (ACCI), Washington D.C., May 2019.

Cao, Xiang, Kevin J. Boyle, Shyamani Siriwardena and Thomas P. Holmes. "Estimating Demand for Urban Tree Cover Using a Residential Sorting Model." Selected paper presentation, Annual Meeting, Agricultural and Applied Economics Association, Washington D.C., August 2018.

Cao, Xiang, Darrell J. Bosch and Jim Pease. "Recycling Irrigation Water on Ornamental Nursery Operations: Could Consumer Premiums Compensate for Grower Adoption Costs?" Selected poster presentation, Annual Meeting, Agricultural and Applied Economics Association, Chicago, IL, July 2017.

Cao, Xiang, Lisa O. House, Zhengfei Guan, Zhifeng Gao. "Determining the Impact of State-Specific Signs and Labels on Tomato Marketing." Selected poster, Annual Meeting, Southern Agricultural and Applied Economics Association, San Antonio, TX, March 2016.

Cao, Xiang, Zhengfei Guan, Gary E. Vallad. "An Economic Analysis of Fumigation Alternatives, the Methyl Bromide Ban, and its Implication: Evidence from the Florida Tomato Industry." Selected poster presentation, Annual Meeting, Agricultural and Applied Economics Association, Minneapolis, MN, July 2014.

Cao, Xiang, Zhengfei Guan, Feng Wu. "An Overview of U.S. Blueberry Industry." Selected poster presentation, Florida Agriculture Exposition, Wimauma, FL, November 2013.

Project Funding

2019 150,000 RMB/3 years, Research Start-up Fund from Sichuan University

Skills

Software: R, Stata, Matlab, SAS, LaTex, Tableau, Endnote, Simetar, GAMS, Eviews

Language: English (fluent), Mandarin (native)

Professional Membership

American Agricultural Economics Association (AAEA)

American Economics Association (AEA)

American Society for Horticulture Science (ASHS)

References

Prof. Kevin Boyle (Advisor)
Dept. of Agri. & Applied Econ.
Virginia Tech
+1 (540) 231-2907
kjboyle@vt.edu

Prof. Darrell Bosch
Dept. of Agri. & Applied Econ.
Virginia Tech
+1 (540) 231-5265
bosch@vt.edu

Prof. Travis Mountain
Dept. of Agri. & Applied Econ.
Virginia Tech
+1 (540) 231-3545
travis35@vt.edu

Prof. Olga Isengildina-Massa
Dept. of Agri. & Applied Econ.
Virginia Tech
+1 (540) 231-0891
oimassa@vt.edu

Prof. George Davis
Dept. of Agri. & Applied Econ.
Virginia Tech
+1 (540) 231-6783
georgedavis@vt.edu