Yuanyuan Wen

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EDUCATION

Doctor of Philosophy in Economics   Expected: 2025
Virginia Tech, Blacksburg, VA

Master of Science in Applied Economics   2021
Virginia Tech, Blacksburg, VA

Bachelor of Science in Social Security and Risk Management   2019
Zhejiang University, Hangzhou, China

FIELDS

Climate change, agricultural production, environmental and natural resource economics, applied econometrics

WORK IN PROGRESS & WORKING PAPERS

The Impact of Climate Change on Perennial Crop Production in California: Yield Response and Adaptation, with Dr. Wei Zhang
The project leveraged extensive historical data since the 1950s to assess the potential implications of climate change on almond, walnut, grape, and citrus crop production in California, considering adaptation. The findings could inform policy and management decisions for the industry in the future.

Nature Reserves and Households in Rural China: Migration, Off-farm Work, and Income, with Dr. Wei Zhang
This project estimated the impacts on the rural community of nature reserves in China. Propensity Score Matching was used to eliminate selection bias of nature reserves.

RESEARCH EXPERIENCE

Land Use in Rural Counties on the Urban Fringe: the Case of Goochland and Powhatan Counties, Virginia Tech Data Science for the Public Good Program
This project provides visualization of land use change over time in the Goochland and Powhatan Counties and estimates factors affecting land parcellation. I worked with a team of graduate and undergraduate students on data analysis and visualization. Our work resulted in a webpage that can be accessed through the link: https://dspgtools.shinyapps.io/rural_land_use/.

GRANT

Climate Change and the Sustainability of Deciduous Fruit and Nuts in the Southern States. ($16,500 with Wei Zhang-PI), Southern SARE Graduate Student Grant, 2022-2024

Paul J. Driscoll Fellowship ($1200), Virginia Tech, 2020

PROFESSIONAL EXPERIENCE

Teaching Assistant
Environment Law (AAEC 3314, Virginia Tech)   Spring 2020
Helped the instructor with grading, proctoring quizzes, maintaining records of grades and attendance, and addressing any occasional student issues.

Research Assistant
Overview of Cancer Survivorship and Screenings (Virginia Tech)   Fall 2019
Provided assistance in compiling research questions, datasets, methodologies, and conclusions from previous studies focused on cancer survivorship and screenings.

Certificate
Certificate in Carpentries Instructor (The Carpentries)   April 2024
Awarded for successfully completing The Carpentries Instructor Training program. Demonstrated understanding of core evidence-based teaching practices and pedagogical concepts. Qualified to teach the core curriculum of Data Carpentry, Library Carpentry, and Software Carpentry.

SKILLS

Programing: Stata, R, Rshiny, Python, Latex, ArcGIS

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