

# YIFEI LIU

## CONTACT

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University of Wisconsin-Madison  
519 Taylor Hall, 427 Lorch St.  
Madison, WI 53706

**Email:** [yifei.violet.liu@wisc.edu](mailto:yifei.violet.liu@wisc.edu)  
**Website:** <https://yifei-liu-yl.github.io>  
**Last Update:** Jan, 2025

## EDUCATION

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### University of Wisconsin, Madison

Ph.D., Agricultural & Applied Economics

*Expected 2026*

M.S., Agricultural & Applied Economics

*2022*

### University of California, Berkeley

*2020*

*(with Highest Distinction and Honors)*

B.S., Environmental Science

B.S., Environmental Economics & Policy

## RESEARCH INTERESTS

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Environmental and Energy Economics, Applied Econometrics

## RESEARCH

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### Publication & Working Paper

1. An Empirical Analysis of the Interconnection Queue (with Sarah Johnston and Chenyu Yang)

Honorably cited in Chapter 5 of the White House 2025 Economic Report of the President

2. Market Structure and Transmission Investments in U.S. Electricity Markets

3. Identifying high-priority impact areas for electricity service to farmlands in Uganda through geospatial mapping (with Rebekah Shirley, Josephine Kakande, and Mark Kagarura) *Journal of Agriculture and Food Research* 5 (2021): 100172

### Selected Work in Progress

1. Permitting Risks, Litigation Threats, and Energy Infrastructure Investment

2. Rising Grid Connection Costs are a Barrier to Expanding Electricity Generation Capacity (with Sarah Johnston and Chenyu Yang)

3. Production Network, Wind Penetration and Environmental Impact: The Case of Texas Wholesale Electricity Market (with Sheldon Du and Qinan Lu)

## RESEARCH EXPERIENCE

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Research Assistant for Sarah Johnston, UW-Madison AAE

*2020 - Present*

Power For All Researcher, UC-Berkeley Energy and Resources Group

*2019 - 2021*

Research Assistant for Joseph Shapiro and Katherine Wagner, UC-Berkeley ARE

*2019 - 2020*

## TEACHING EXPERIENCE

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Global Health: Economics, Natural Systems, and Policy, UW-Madison

*Fall 2023*

## HONORS, SCHOLARSHIPS, AND FELLOWSHIPS

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Barbara Forrest Student Award	2024
AAE JP International Fund Research Presentation Award	2024
UW-Madison Graduate School Conference Presentation Award	2022
Deborah and David Penn Ag and Applied Economics Graduate Student Fund	2022

## CONFERENCES & WORKSHOPS

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2024: NBER Environment and Energy Economics Spring\*, MEA Annual Meetings, UW Madison Environmental Seminar, IPWSD Workshop in Sustainable Development, AERE Summer Conference  
2023: POWER Conference on Energy Research and Policy\*, NBER Summer Institute IO\*, UW Madison Environmental Seminar  
2022: AAEA Annual Meeting, Wisconsin Public Utility Institute Regional Transmission Organization Fundamentals Program, UW Madison Environmental Seminar  
2021: UC Berkeley/Sloan Foundation EEE Summer Program  
\* participated as co-author

## JOURNAL REFEREE

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*International Journal of Economy Energy and Environment*

## OTHER ACTIVITIES

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UW Madison AAE Env/Res Seminar Organizer	2023 - 2024
Graduate Committee Representatives	2023 - 2024
Justice, Equity, Inclusion, and Diversity Delegate Delegate	2022 - 2023
WiSolve Consulting Consultant	2021 - Present

## SKILLS

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<b>Computing</b>	R, Python, MATLAB, Stata, ArcGIS, QGIS, L <sup>A</sup> T <sub>E</sub> X, Microsoft Office
<b>Languages</b>	English (fluent), Mandarin (native), Cantonese (native)