

# Mingzhou Shen

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## Education

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|---|-----------------|
| Ph.D. Energy, Environmental, and Food Economics, Pennsylvania State University  | 2025 (Expected) |
| Ph.D. Engineering Science, Pennsylvania State University (voluntarily withdrew) | May. 2020       |
| M.S. Civil Engineering, Zhejiang University                                     | Dec. 2019       |
| B.E. Civil Engineering, Zhejiang University                                     | Jun. 2016       |

## Research Interests

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Environmental Economics, Applied Econometrics

## Working Papers

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- [2] Shen, M., Fan, Q., Fisher-Vanden, K. and Wrenn, D., “Drought Responses in the Western United States: Household Location Choice and Housing Market Feedback.” *Job Market Paper*.
- [1] Shen, M., Fisher-Vanden, K. and Wrenn, D., “Impacts of Water-Related Building Moratoria on California's Housing Crisis.” *Revision and Resubmit at Land Economics*.

## Working in Progress

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- [2] Shen, M., “The Effects of Droughts on Land-Use Regulations and Housing Supply in the Western U.S.”
- [1] Ma, Z. and Shen, M., “The stigma impact of non-GMO label on conventional unlabeled alcohol products.”

## Publications (I published papers in the field of engineering before changing my major to economics)

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- [3] Yi, N., Shen, M., Erdely, D. and Cheng, H., 2020. “Stretchable gas sensors for detecting biomarkers from humans and exposed environments.” *TrAC Trends in Analytical Chemistry*, 133, 116085.
- [2] Lü, C., Zhang, Y., Zhang, H., Zhang, Z., Shen, M. and Chen, Y., 2019. “Generalized optimization method for energy conversion and storage efficiency of nanoscale flexible piezoelectric energy harvesters.” *Energy Conversion and Management*, 182, 34-40.
- [1] Zhang, H., Shen, M., Zhang, Y., Chen, Y. and Lü, C., 2018. “Identification of static loading conditions using piezoelectric sensor arrays.” *Journal of Applied Mechanics*, 85(1), 011008.

## Presentations

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“Drought Responses in the Western United States: Household Location Choice and Housing Market Feedback.” AERE Summer Conference; WEAI Annual Conference; AAEA Annual Meeting.

“Impacts of Water-Related Building Moratoria on California's Housing Crisis.” AERE Summer Conference; WEAI Annual Conference; EPG Annual Conference; Cornell NE Workshop; PSU Water Conference.

## Professional Experience

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Intern, Food and Agriculture Organization of the United Nations 2019

## Research Experience

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Pennsylvania State University, Research Assistant for Karen Fisher-Vanden 2021–Present

## Teaching Experience

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CED 201: Introductory Environmental and Resource Economics. *Douglas H. Wrenn.* Spring 2024

EMCH 210: Statics and Strength of Materials. *Samia Suliman.* Spring 2021

EMCH 212: Dynamics. *Christopher Kube.* Fall 2020

EMCH 212: Dynamics. *Gary Gray.* Spring 2020

## Scholarships and Awards

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Graduate Student Travel Grant Award, Pennsylvania State University 2023

Teaching Assistant Fellowship, Pennsylvania State University 2020

Outstanding Graduates, Zhejiang University 2016

Corporate Scholarships for Outstanding Students, Enterprises 2015/2017/2018

## Skills

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Software: Python, R, MATLAB, Stata, ArcGIS, GAMS

Languages: English (fluent), Mandarin (native)

## References

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