Chenyang (Nate) Hu

Curriculum Vitae

520-229-7241 • huchenyang@vt.edu

Research Interests

Environmental and Resource Economics, Agricultural Economics, Applied Econometrics

Education

Ph.D. Economics Virginia Tech	Expected 2025
M.A. Data Analysis and Applied Statistics Virginia Tech	Expected 2024
M.S. Applied Economics and Policy University of Arizona	July 2019
M.S. Finance Pacific Lutheran University	July 2015
B.S. Economics China University of Petroleum	June 2011

Teaching

AAEA Teaching Academy Agricultural and Applied Economics Association	July 2024 - present
Environment and Sustainable Development Economics (AAEC 3324) Department of Agricultural and Applied Economics, Virginia Tech	Fall 2023

Publications

"Impact of Large-scale Solar on Property Values in the US: Diverse Effects and Causal Mechanisms." **Chenyang Hu**, Zhenshan Chen, Pengfei Liu, Wei Zhang, Darrell Bosch. ***Proceedings of the National Academy of Sciences***, under review.

"Local Externalities of Large-scale Solar Energy." **Chenyang Hu**, Michael Cary, Zhenshan Chen. ***Energies***, forthcoming.

"Contribution of agriculture to the Maricopa County and Gila River Indian community economies." Duval, D., Bickel, A. K., Frisvold, G., Wu, X., and **Hu, C.**. Department of Agricultural and Resource Economics Cooperative Extension The University of Arizona. (2018)

Working Papers

"Improving Ecosystem Services from U.S. Agriculture: Yield Reserve vs. Land Retirement." **Chenyang Hu**, Darrell Bosch, Wei Zhang.

"Impacts of Energy Price and Ethanol Demand Shocks on U.S. Agriculture: A Partial Equilibrium Approach." **Chenyang Hu**, Darrell Bosch, Wei Zhang.

Conferences

Chenyang Hu (presenter), Zhenshan Chen, Pengfei Liu, Wei Zhang, Darrell Bosch. "Impacts of Large-scale Solar on Property Values in the US: Diverse Effects and Causal Mechanisms." Paper presented at the Agricultural and Applied Economics Association (**AAEA**), 2024 AAEA Annual Meeting, New Orleans, Louisiana, July 28-30, 2024

Chenyang Hu (presenter), Darrell J. Bosch, and Wei Zhang. "Extensive vs. Intensive Margin Approach of N Load Reduction from Agriculture: Implications for Chesapeake Bay Watershed." Paper presented at the 2024 Chesapeake Community Research Symposium (**CCRS**), Annapolis, Maryland, June 10-12, 2024

Chenyang Hu (presenter), Darrell Bosch, and Wei Zhang. "Improving Ecosystem Services from U.S. Agriculture: Yield Reserve vs. Land Retirement." Paper presented at the Job Market Paper Competition in the Southern Agricultural Economics Association (**SAEA**), 56th Annual Meeting, Atlanta, Georgia, February 4–6, 2024

Chenyang Hu (presenter), Darrell Bosch, and Wei Zhang. "Improving Ecosystem Services from U.S. Agriculture: Yield Reserve vs. Land Retirement." Poster presented at the Agricultural and Applied Economics Association (**AAEA**), 2023 AAEA Annual Meeting, Washington, D.C., July 23-25, 2023

Chenyang Hu (presenter), Darrell Bosch, and Wei Zhang. "Improving Ecosystem Services from U.S. Agriculture: Yield Reserve vs. Land Retirement." Paper presented at the A Community on Ecosystem Services (**ACES**) 2022 Conference, Crystal City, Virginia, December 12–15, 2022

Chenyang Hu (presenter), Darrell Bosch, and Wei Zhang. "Impacts of Energy Price and Ethanol Demand Shocks on U.S. Agriculture: A Partial Equilibrium Approach." Paper presented at the Southern Agricultural Economics Association (**SAEA**), 54th Annual Meeting, New Orleans, Louisiana, February 12–15, 2022

Chenyang Hu (presenter), Darrell Bosch, and Wei Zhang. "Impact of Energy Shocks on U.S. Agriculture: the REAP Model Approach." Paper presented at the Agricultural and Applied Economics Association (**AAEA**), 2021 AAEA Annual Meeting, Austin, Texas, August 1–3, 2021

Awards and Scholarships

Job Market Paper Competition Winner (3rd place), SAEA, 2024

AAEA Teaching Academy Travel Grant, 2024

Dean's Excellence Scholarship, Pacific Lutheran University, 2015

Student Investment Leader Scholarship, Pacific Lutheran University, 2015

Other Experiences

Project Manager
RBRM Investing and Management Co., Ltd. (Beijing)   Jan 2017 - July 2017

Junior Project Manager
Energy and Environmental Development Research Center (Beijing)   Sep 2015 - Sep 2016

Skills

Programming: GAMS, Stata, Matlab, Python, ArcGIS, R, SAS
Language: Mandarin (native), English (fluent)