

Micah V. Cameron-Harp

Curriculum Vitae, April 2026

CONTACT INFORMATION

331F Waters Hall	Phone	(585)-705-0015
Department of Agricultural Economics	Email	mcameronharp@ksu.edu
Kansas State University	Website	https://mcameronharp.com
Manhattan, KS 66506		

EDUCATION

2022 Ph.D. Kansas State University, Agricultural Economics.
-Dissertation: "Essays on the Economics of Irrigation Efficiency and Carbon Markets."
-Committee: Nathan Hendricks, Gabe Sampson, Jesse Tack, Jisang Yu, Stacy Hutchinson.

2016 M.S. Arizona State University, Sustainability.

2015 B.S. Cornell University, Natural Resources.

POSITIONS

2025 to present Assistant Professor, Kansas State University, Department of Agricultural Economics.

2022 to 2025 Post-Doctoral Fellow, Kansas State University, Department of Agricultural Economics.

JOURNAL ARTICLES

Cameron-Harp, M.V., N.B. Villoria, and J. Beckman. 2025. "GTAPShape: A flexible approach to spatially disaggregating national land endowments for CGE modeling." *Journal of Global Economic Analysis*, 10(2), 117-138. <https://doi.org/10.21642/JGEA.100204AF>

Biram, H.D., **M.V. Cameron-Harp**, and J. Tack. 2025. "Measuring the Impact of Hurricane Incidence on Agricultural Production Risk Using Insurance Data." *American Journal of Agricultural Economics*, 107(5):1438-1456. <https://doi.org/10.1111/ajae.70008>

Cameron-Harp, M.V. and N.P. Hendricks. 2025. "Efficiency and water use: Dynamic effects of irrigation technology adoption." *Journal of the Association of Environmental and Resource Economists*, 12(2), 285-312. <https://doi.org/10.1086/732140>

Oldfield, E.E., J.M. Lavalley, J. Blesh, M. Bradford, **M.V. Cameron-Harp**, M.F. Cotrufo, ... D.R. Gordon. 2024. "Greenhouse gas mitigation on croplands: clarifying the debate on knowns, unknowns and risks to move forward with effective management interventions." *Carbon Management*, 15(1). <https://doi.org/10.1080/17583004.2024.2365896>

Cameron-Harp, M.V., N.P. Hendricks, and N.A. Potter. 2024. "Predicting the spatial variation in cost-efficiency for agricultural greenhouse gas mitigation programs in the U.S." *Carbon Balance and Management*, 19(6). <https://doi.org/10.1186/s13021-024-00252-6>

Gutierrez, M., **M.V. Cameron-Harp**, E. Stallbaumer-Cyr, J.A. Morrow, P.P. Chakraborty, R. Hansen, and M.M. Derby. 2022. "Investigating a Microbial Approach to Water Conservation: Effects of *Bacillus Subtilis* and Surfactin on Evaporation Dynamics in Loam and Sandy Loam Soils." *Frontiers in Sustainable Food Systems*, 6. <https://doi.org/10.3389/fsufs.2022.959591>

WORKING PAPERS

Cameron-Harp, M.V. and N.P. Hendricks. "Compensation mechanism, program scale, and the efficiency of payment for ecosystem services programs." (Under review at *Ecological Economics*).

Cameron-Harp, M.V., X. Bai, T. Lark, H. Gibbs, J. Beckman, and N.B. Villoria. "GTAPluco2: A framework to flexibly model carbon emissions from global changes in land use." (In preparation).

Villoria, N.B., **M.V. Cameron-Harp**, J. Beckman, A. Aguiar and J. Börner. "The Leverage of the E.U. on Reducing Deforestation in Brazil." (In preparation).

GRANTS

Co-PI, "How can U.S. jurisdictional/regional agricultural soil carbon crediting system be best designed to overcome the limitations of a project-level approach?" (\$266,613) with N.P. Hendricks (PI) and C.W. Rice (Co-PI), Environmental Defense Fund. May 2022 - December 2023.

HONORS AND AWARDS

2024 Outstanding Doctoral Dissertation, Southern Agricultural Economics Association.

2022 Outstanding Doctoral Dissertation, Kansas State University, Department of Agricultural Economics.

2019-2022 National Science Foundation Research Traineeship, Kansas State University, Rural Resource Resiliency (R3) Graduate Training Fellowship.

2021-2022 Agricultural Scholar, Farm Foundation.

2022 Natural Resources and Environmental Sciences Graduate Fellowship, Kansas State University.

CONFERENCE PRESENTATIONS AND POSTERS

2025 Smith, I., X. Xu, and **M.V. Cameron-Harp**. "Crop Predictive Modeling of Changing Precipitation Dynamics in Western Kansas." Selected Poster. Kansas Governor's Water Conference. November 12-13, 2025.

2025 **Cameron-Harp, M.V.**, N.B. Villoria, and J. Beckman. "GTAPShape: A flexible approach to spatially disaggregating national land endowments for CGE modeling." Selected Paper, Annual Conference on Global Economic Analysis. June 27, 2025.

2025 Vulgamore, P.R., J. Ifft and **M.V. Cameron-Harp**. "Assessing the Predictive Value of Pre-Planting Soil Moisture Data." Selected Paper, SCC-76 Annual Meeting. April 13-15, 2025.

2025 Vulgamore, P.R., J. Parcell, J. Ifft and **M.V. Cameron-Harp**. "Assessing the Predictive Value of Pre-Planting Soil Moisture Data." Selected Paper, Southern Agricultural Economics Association Annual Meeting. February 3, 2025.

2024 **Cameron-Harp, M.V.** and N.P. Hendricks. "Dynamic effects of irrigation technology: When increasing irrigation efficiency reduces groundwater use." Selected Paper, Governor's Conference on the Future of Water in Kansas. November 14, 2024.

2024 Villoria, N.B., J. Beckman, **M.V. Cameron-Harp**, A. Aguiar and J. Börner. "The Leverage of the E.U. on Reducing Deforestation in Brazil." Selected Paper, 27th Annual Conference on Global Economic Analysis. June 5, 2024.

2024 **Cameron-Harp, M.V.**, N.P. Hendricks, C. Rice, L. Eash and S. Ogle. "Using spatial microsimulation to design an agricultural carbon market: An application to cover-cropping in U.S. croplands."

- Selected Poster, Association of Environmental and Resource Economists, Annual Meeting. May 30, 2024.
- 2023 **Cameron-Harp, M.V.** and N.P. Hendricks. "Evaluating a jurisdictional approach to agricultural carbon offset programs." Selected Paper, Agricultural and Applied Economics Association Annual Meeting. July 25, 2023.
- 2023 **Cameron-Harp, M.V.** and H.D. Biram. "Dynamic treatment effects of crop insurance participation indicate positive impact on agricultural productivity." Selected Paper, Agricultural and Applied Economics Association Annual Meeting. July 24, 2023.
- 2022 **Cameron-Harp, M.V.** and N.P. Hendricks. "Dynamic effects of irrigation technology: When increasing irrigation efficiency reduces groundwater use." Selected Paper, Camp Resources XXVIII. August 9, 2022.
- 2022 **Cameron-Harp, M.V.** and N.P. Hendricks. "Where will the U.S. farm carbon?" Track Session Presentation, Agricultural & Applied Economics Association Annual Meeting. August 2, 2022.
- 2022 Biram, H.D., J. Tack, and **M.V. Cameron-Harp.** "Hurricane incidence results in significant increases in damages for producers in the Mississippi Delta." Track Session Presentation, Agricultural and Applied Economics Association Annual Meeting. August 2, 2022.
- 2022 **Cameron-Harp, M.V.** and N.P. Hendricks. "Dynamic effects of irrigation technology: When increasing irrigation efficiency reduces groundwater use." Selected Paper, Association of Environmental and Resource Economists, Annual Meeting. June 3, 2022.
- 2021 **Cameron-Harp, M.V.** and N.P. Hendricks. "Rebound effect or dynamic adaptation? How efficient irrigation technology can reduce groundwater extraction." Presentation, W4190: Management and Policy Challenges in a Water-Scarce World, Annual Meeting. October 14, 2021.
- 2021 **Cameron-Harp, M.V.** and N.P. Hendricks. "Estimating intraseasonal irrigation behavior using daily soil moisture data in Kansas." Selected Poster, Agricultural and Applied Economics Association Annual Meeting. August 4, 2021.

INVITED TALKS

- 2025 **Cameron-Harp, M.V.** "Evaluating the Effects of Multi-Year Flex Accounts on Groundwater Management in Kansas." Invited Seminar, University of Nebraska-Lincoln, Department of Agricultural Economics. December 5, 2025.

TEACHING EXPERIENCE

Kansas State University:

AGEC 525 Natural Resource and Environmental Economics (Undergraduate), Guest Lecturer Fall 2023 and Fall 2024.

AGEC 411 Agricultural Policy (Undergraduate), Guest Lecturer Fall 2022, Fall 2023, and Fall 2024.

AGRON 695 Climate Change and Agriculture (Undergraduate/Graduate), Guest Lecturer Spring 2023.

BAE/DAS/GENAG 582 Natural Resources/Environmental Sciences Project (Undergraduate), Project Mentor Spring 2021.

Arizona State University:

SOS 110 Sustainable World (Undergraduate), Teaching Assistant Spring 2015 and Fall 2015.

OUTREACH PUBLICATIONS, PRESENTATIONS, AND INTERVIEWS

- 2026 Extension Report, “Economic implications of Equus Beds Chloride Plume.” Available on AgManager.info ([link](#)). March 30, 2026.
- 2026 Extension Report, “Using Irrigation Nitrate Concentrations to Simultaneously Reduce Costs of Fertilizer and Drinking Water Contamination.” Available on AgManager.info ([link](#)). January 16, 2026.
- 2025 Extension Report, “Alternative Approaches to Meet GMD3 Q-Stable Targets.” Available on AgManager.info ([link](#)). December 8, 2025.
- 2025 Extension Presentation, “Irrigation issues in Kansas: What to know as a landowner.” Kansas State University, Department of Agricultural Economics, Kansas Landowner’s Conference. November 12, 2025.
- 2025 Extension Presentation, “Water Resource Management and Irrigation in Kansas: Current Concerns and Emerging Issues.” Kansas State University, Department of Agricultural Economics Risk and Profit Conference. August 21-22, 2025.
- 2025 Extension Presentation, “What Does Early Season Soil Moisture Tell Us About Final Corn Yields?” Kansas State University, Department of Agricultural Economics Risk and Profit Conference. August 21-22, 2025.
- 2025 Extension Presentation, “Is Irrigation Water Use Efficiency Important – Evidence from the Testing Ag Performance Solutions Project.” Kansas State University, Department of Agricultural Economics Risk and Profit Conference. August 21-22, 2025.
- 2024 Seminar, “Compensation mechanism, program scale, and the efficiency of Payment for Ecosystem Services programs.” AERE@OSWEET. October 11, 2024.
- 2024 Radio Broadcast, “Episode 1753 - Irrigation Technology Adoption.” Agriculture Today. August 23, 2024.
- 2024 Presentation, “Evaluating Carbon Markets.” Ag Risk Solutions - 2024 Business of Farming Conference. January 30, 2024.
- 2023 Presentation, “Farm Bill Conservation Programs.” Kansas State University, Department of Agricultural Economics Risk and Profit Conference. August 17-18, 2023.
- 2023 Seminar, “Compensation mechanism, program scale, and the efficiency of voluntary carbon offset programs.” USDA-ERS Brown Bag Seminar. June 28, 2023.
- 2023 Presentation, “The State of Carbon Credit Programs.” 58th Annual Mid America Farm Expo, Salina, KS. March 23, 2023.
- 2023 Presentation, “Agricultural Carbon Credit Markets.” Risk Management Skills for Kansas Women in Agriculture, Kansas State University. February 8, 2023.
- 2022 Presentation, “Agricultural Carbon Credit Markets.” Grass and Grain Farm and Ranch Show, Manhattan, KS. November 9, 2022.
- 2022 Webinar, “[Carbon Credit Markets Webinar.](#)” Kansas State University Masters of Agribusiness, MAB4LIFE Webinar series. July 27, 2022.
- 2022 Presentation, “Cover Cropping and Carbon Markets.” K-State Research and Extension Midway District, Cover Crop Field Day and Meeting. March 30, 2022.
- 2021 Presentation, “Carbon Credit Markets: Current Opportunities and Future Prospects.” Kansas State University, Department of Agricultural Economics Agent Update. December 15, 2021.

- 2021 Article, "Tragedy of the Commons: Using a Classroom Activity to Teach Students about Complex Natural Resource Systems." Fischer, A., M.V. Cameron-Harp, and J. Morrow. *The Agricultural Education Magazine*, 93(6), 28-30.
- 2021 Presentation, "Carbon credit markets." Crop Insurance Workshop: Navigating through the wild world of taxes, carbon credits, commodity markets, farm policy and, of course, crop insurance. October 21, 2021.
- 2021 Radio Broadcast, "Episode 1023 - The Quality of a Carbon Credit." Agriculture Today with Eric Atkinson. September 15, 2021.
- 2021 Presentation, "Carbon Credit Markets: Current Opportunities and Future Prospects." Kansas State University, Department of Agricultural Economics Risk and Profit Conference. August 19-20, 2021.
- 2021 Workshop, "Tragedy of the Commons: A classroom activity." Kansas Association of Agricultural Educators (KAAE) Winter Symposium. January 22, 2021.

GRADUATE ADVISING

Committee member:

Parker Vulgamore, M.S., 2025.

Hannah Parker, M.S., in progress.

SERVICE

2019-2020 President, Graduate Students of Agricultural Economics, Kansas State University.

Referee:

Agricultural Economics

American Journal of Agricultural Economics

Journal of the Agricultural and Applied Economics Association

Journal of Agricultural and Resource Economics

Journal of Environmental Economics and Management

Environmental Research Letters

Association of Environmental and Resource Economists Annual Meeting

Agricultural and Applied Economics Association Annual Meeting

SELECTED PRESS

08/24/2025 "Tropical Systems Spin Up Mid-South Crop Insurance Rates." Cotton Grower. ([Link](#))

08/22/2025 "Researcher links hurricane risk to higher cost of crop insurance in Mid-South." ([Link](#))

07/29/2025 "Artificial intelligence and agriculture." Farm Talk. ([Link](#))

02/22/2023 "Missouri Farmers Add Carbon to Their List of Crops." Flatland. ([Link](#))