

MAHDI ASGARI

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Updated: September 2026

WORK EXPERIENCE

Assistant Professor of Practice	2026-current
School of Government & Public Policy, University of Arizona	
Adjunct Instructor	2025-2026
School of Government & Public Policy, University of Arizona	
Post-Doctoral Research Associate	2023-2026
Department of Agricultural & Applied Economics, University of Wyoming	
Post-Doctoral Scholar	2020-2021
School of Public Policy, University of California Riverside	
Visiting Student Researcher	2016 (May-July)
Department of Agricultural & Resource Economics, University of California Berkeley	
Graduate Research Assistant	2011-2017
Department of Agricultural Economics, University of Kentucky	
Agricultural Economist Expert	2010-2011
Mahab-Ghodss Consulting, Iran	
Adjunct Faculty Instructor	2008-2010
Economics Department, University of Payam-e-Noor, Iran	

RESEARCH AREAS

water economics and policy, agricultural economics.

RESEARCH EXPERIENCE

Research in Progress

Economic Impacts of Curtailment and Demand Management in the Wyoming Colorado River Basin (with Kristiana Hansen, Roger Coupal, and Ginger Page).

Water Use Modeling to Advance Decision Making in a Colorado River Headwaters Region (with Kristiana Hansen).

Economic value of stored water in Fontenelle Reservoir under alternative precipitation futures (with Kristiana Hansen).

Peer-Reviewed Journal Publications

Threading the Needle: Upper Colorado River Basin Responses to Reduced Water Supply Availability (2024). **M. Asgari** and K. Hansen. *Choices: The Magazine of Food, Farm, and Resource Issues*. 39(3).

- Application of Distributed Ledger Platforms in Smart Water Systems. (2022). **M. Asgari** and M. Nemati. *Frontiers in Water, Water and Human Systems*. 4(848686).
- Subsidies Reform and the Efficiency of Dairy Farms in Iran: A Comprehensive Evaluation. (2021). Z. Shokoohi, M. Bakhshoodeh and **M. Asgari**. *Iranian Journal of Economic Studies* 10(2):391-410.
- Consumer Proximity and Brand Loyalty in Craft Soda Marketing. (2020). S. Zare, **M. Asgari**, Y. Zheng and T. Woods. *Agribusiness, An International Journal* 36(4):522-541.
- The Impact of Biofuel Policies on Overshooting of Agricultural Prices. (2020). **M. Asgari**, S.H. Saghaian and M.R. Reed. *American Journal of Agricultural Economics* 102(2):589-606.
- Investigating Bargaining Power of Farmers and Processors in Iran's Dairy Market. (2018). Z. Shokoohi, A.H. Chizari and **M. Asgari**. *Journal of Agricultural and Applied Economics* 51(1):126-141.
- Teaching as a Graduate Student: A One-credit Teaching Module Case. (2018). N. Zuo, J.M. Penn and **M. Asgari**. *NACTA Journal* 62(4):359-364.
- Institutional Differences and Agricultural Performance in Sub-Saharan Africa. (2015). **M. Asgari** and L. Nogueira. *Journal of International Agricultural Trade and Development* 9(2):189-209.
- Oligopolistic Market Structure in the Japanese Pistachio Import Market. (2013). **M. Asgari** and S.H. Saghaian. *Journal of Agricultural & Food Industrial Organization* 11(1):87-99.

Book Chapters

- World Pomegranate Market. (2020). Z. Shokoohi and **M. Asgari**. In A. Sarkhosh, A. Yavari and Z. Zamani, ed. *The Pomegranate: Botany, Production and Uses*. United States: CABI.

Extension & Other Reports

- Facing the Future: Can Agriculture Thrive in the Upper Basin with Less Water? (2025). K. Hansen, D. Mooney, **M. Asgari**, and Christopher Bastian. In *Colorado River Insights 2025: Dancing with Deadpool*. *Colorado River Research Group*.
- Opportunities to Use Technological Advancements for Water Supply Management: Implications of Blockchain Technology. (2021). M. Nemati and **M. Asgari**. *County of San Diego*.

RESEARCH GRANTS & AWARDS

Pending

- Co-Investigator. Economic Analysis of Drought-Resistant Forages in Colorado and Wyoming under Future Water Limitations. *USDA, NIFA*. 2025. (with K. Hansen, C. Bastian, H. Rodgers, J. Cook, D. Mooney, and P. Cabot).

Funded

- Co-Investigator. Locally Sourced Ingredients in Craft Soda Production: Consumer Preferences and the Economic Impacts. *Student Opportunity Grant, UK Food Connection*. 2017. (with S. Zare, W. Crume, Y. Zheng and T. Woods). \$8250.

Not Funded

Collaborator. Sharing Colorado River Water: Past Apportionments, Current Demands and Feasibility of Possible Allocations and their Welfare Consequences-A Foundation for Collaboration. *USDA, NIFA*. 2021 (with M. Nemati, A. Dinar, Z. Frankel, and N. Halberg).

Collaborator. Tap Water vs. Bottled Water: The Role of Relative Prices and Water Quality Violations on Drinking Water Choices. *The California Institute for Water Resources*. 2020. (with M. Nemati and K. Schwabe).

Co-PI. The Impact of Marketing Strategies on the Consumption of Sugar-Sweetened Beverages among 0- to 5-year-old Children. Robert Wood Johnson Foundation, Healthy Eating Research. 2018. (with Y. Zheng).

Co-PI. The Impact of Caffeine Levels and Marketing Strategies on the Consumption of Energy Drinks. Robert Wood Johnson Foundation, Healthy Eating Research. 2018. (with Y. Zheng).

Awards

Outstanding Service Award, *Graduate Student Congress, University of Kentucky*. 2018. \$500.

Cross-Cultural Understanding Award, *International Center, University of Kentucky*. 2013. \$500.

Graduate Student Travel Award (multiple), *Graduate School, University of Kentucky*. 2011-2018.

TEACHING EXPERIENCE

University of Arizona

Instructor – Intermediate Economics for Public Policy

Fall: 2026, 2025

Instructor – Economics for Public Policy

Spring: 2026, 2025

Co-Instructor – Directed Research-Integrated Learning Groups

Fall: 2026

University of Kentucky

Instructor – Economic and Business Statistics

2016

Instructor – International Agriculture, World Food Needs and U.S. Trade in Ag. Products

2015

TA – Agricultural Financial Management

Instructor – Food Policies and Related Issues

2014

TA – Agricultural Financial Management

TA – Advanced Agricultural Marketing (Ph.D. course)

2013

TA – Advanced Quantitative Methods in Agricultural Economics (grad.)

TA – Economic Foundations of Strategy and Agribusiness Management (grad.)

Instructor – Introduction to SAS (mini course)

EDUCATION

Ph.D., Agricultural Economics

2018

Department of Agricultural Economics, University of Kentucky

Dissertation title: *The Impact of Biofuel Policies on Overshooting of Agricultural Prices*

Committee: Sayed Saghaian (co-chair), Mike Reed (co-chair)

M.S., Legal Studies (Environmental Law & Policy)

2023

James E. Rogers College of Law, University of Arizona

M.S., Economics Department of Economics, University of Kentucky	2015
M.S., Agricultural Economics Department of Agricultural Economics, University of Tehran, Tehran, Iran	2009
B.S., Agricultural Economics Department of Agricultural Economics, Shiraz University, Shiraz, Iran	2006

PROFESSIONAL SERVICE AND ACTIVITIES

Editorial Activity

Review Editor , Water and Human Systems	2021-current
Managing Editor , The Arizona Journal of Environmental Law & Policy	2021-2022
Associate Editor , The Arizona Journal of Environmental Law & Policy	2020-2021

Reviewer Activity

Water and Human Systems (6), *Water Economics and Policy* (1), *Journal of Agricultural and Applied Economics* (1), *International Food and Agribusiness Management Review* (2), *Land Economics* (1), *Applied Economics Teaching Resources* (1), *Choices Magazine* (1), *AAEA Annual Meetings* (23)

Academic Service (University of Kentucky)

Member, Search Committee for Vice President of Institutional Diversity.	2016
Member, Graduate Council, the Graduate School.	2015
Member, Advisory board to Quantitative Initiative for Policy and Social Research.	2014
President, Ag. Econ. Graduate Student Organization.	2014
Member, Graduate Curriculum Committee, College of Agriculture, Food, and Environment.	2013

Professional Memberships

Association of Environmental and Resource Economics (AERE); Agricultural and Applied Economics Association (AAEA); American Economic Association (AEA).

INVITED SEMINARS AND PROFESSIONAL PRESENTATIONS

Spatial Distribution of Economic Impacts in the Green River Basin. M. Asgari , K. Hansen, R. Coupal, G. Paige. UCOWR/NIWR Annual Water Resources Conference. June 8-10. San Antonio, TX.	2026
Evaluating the Impact of Water Supply Availability in the Green River Basin - Wyoming: A Regional Hydro-Economic Model. M. Asgari and K. Hansen. AAEA Annual Meetings. July 27-29, Denver, CO.	2025
Testing Economic Feasibility of Curtailment Mitigation Strategies. M. Asgari , K. Hansen, R. Coupal, G. Paige, K. Klatka, A. MacKinnon, C. Bastian, C. Grant, P.	2025

- Herath. UCOWR/NIWR Annual Water Resources Conference. June 3-5, Minneapolis, MN.
- Water Use Modeling to Advance Decision Making in a Colorado River Headwaters Region. **M. Asgari**. AWRA, UCOWR, & NIWR 60th Anniversary Joint Water Resources Conference. September 30 – October 2, St. Louis, MO. 2024
- Evaluation of Regional Responses to Reduced Water Supply in the Wyoming Portion of the Colorado River Basin: A Hydro-Economic Modeling Approach. **M. Asgari**, K. Hansen, R. Coupal, G. Paige, K. Klatka, A. MacKinnon, C. Bastian, C. Grant, P. Herath. AWRA, UCOWR, & NIWR 60th Anniversary Joint Water Resources Conference. September 30 – October 2, St. Louis, MO. 2024
- Nowcasting Food Stock Movement using Web Search Queries. **M. Asgari**, M. Nemati and Y. Zheng. University of Arizona, Department of Agricultural and Resource Economics, February 28, Tucson, AZ. 2020
- The Complexity of Consumers' Loyalty to Product Attributes in Soft Drinks Market. **M. Asgari**, S. Zare, Y. Zheng and T. Woods. AAEA Annual Meetings. July 21-23, Atlanta, GA. 2019
- Consumer Proximity and Brand Loyalty: A Case Study of Craft Soda in Kentucky. S. Zare, **M. Asgari**, W. Crume, T. Woods and Y. Zheng. AAEA Annual Meetings. August 5-7, Washington, D.C. 2018
- Nowcasting Food Stock Movement using Food Safety Related Web Search Queries. **M. Asgari**, M. Nemati and Y. Zheng. SAEA Annual Meetings. February 3-6, Jacksonville, FL. 2018
- The Structure and Competitiveness of Energy Drinks Market. **M. Asgari** and Y. Zheng. AAEA Annual Meetings. July 31-August 2, Boston, MA. 2016
- U.S. Food Manufacturing Industry: The Choice of Exports vs. FDI. **M. Asgari**. SAEA Annual Meetings. February 6-9, San Antonio, TX. 2016
- Terms of Trade Volatility and Persistence to Shocks in the United States. **M. Asgari** and M.R. Reed. AAEA Annual meetings. July 26-28, San Francisco, CA. 2015
- Trends in United States - China Commodity Terms of Trade: A Case of Heterogeneous Goods. **M. Asgari** and M.R. Reed. 8th Biennial Meetings, Hong Kong Economic Association. December 13-14, Jinan, China. 2014
- Institutional Differences and Agricultural Performance in Sub-Saharan Africa. **M. Asgari** and L. Nogueira. AAEA Annual Meetings. August 4-6, Washington, D.C. 2013
- Oligopolistic Structure in the Japanese Pistachio Import Market. **M. Asgari** and S.H. Saghaian. SAEA Annual Meetings. February 2-6, Orlando, FL. 2013