

MING WANG

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PROFESSIONAL EXPERIENCE

North Dakota State University, Fargo, U.S.
Junior Research Economist/Research Assistant Professor

Jun 2025 — Present

RESEARCH INTERESTS

Environmental Economics, Agricultural Policy, Trade, Integrated Modeling

EDUCATION

Colorado State University, Fort Collins, U.S.

Aug 2019 — August 2025

Ph.D. in Agricultural and Resource Economics

Committee: Dale T. Manning (Chair), Amanda M. Countryman, Jordan F. Suter, Stephen M. Ogle (Outside)

Thesis Title: The Economic Implications of Agri-environmental Policies at Field, Regional, and Global Scales

China Agricultural University, Beijing, China

Sep 2017 — Jun 2019

M.S in Agricultural Economics and Management

China Agricultural University, Beijing, China

Sep 2011 — Jun 2016

B.S in Agricultural and Forestry Economy Management

PUBLICATIONS

Published

- Countryman, Amanda, **Ming Wang**, and Seonhyun Kim (2025). Global economic effects of trade restrictions on Japanese seafood following nuclear wastewater discharge. *International Agricultural Trade Research Consortium (IA-TRC) Commissioned Paper*, No. 37, November.
- Hill, Rebecca, Becca BR Jablonski, Laney Van, **Ming Wang**, Buddhika Patalee, Jonathan Shepherd, Matt LeRoux, Tyler Mark, Daniel F. Mooney, and Dawn Thilmany(2023). Producers marketing a novel crop: a field-level view of hemp market channels. *Renewable Agriculture and Food Systems* 38: e22
- **Wang, Ming** and Yueying Mu(2019). Research on Farmers' Behavior from the Perspective of Industrial Integration - Empirical evidence from 668 vegetable growers. *Chinese Agricultural Science Bulletin* 35(6): 158-164
- **Wang, Ming** and Yueying Mu(2018). China's Vegetables Export Trade to ASEAN: An Empirical Study Based on Gravity Model. *China Vegetables* 1(12): 54-60

Dissertation chapters

- Agri-environmental Policies and Rural Employment. (Job Market Paper)
- The International Leakage Effects of Land Retirement: Evidence from The Conservation Reserve Program.
- The Impact of Endogenous Output Prices on the Greenhouse Gas Abatement Supply Curve.

Working Papers

- **Wang, Ming**, Daniel F. Mooney, Rebecca Hill, and Tyler B. Mark(2022). Efficient Regulation of Hemp Pollen Dispersal in Variated Landscapes.
- Countryman, Amanda, **Ming Wang** and Farzad Taheripour(2020). Economic Effects of U.S. Trade Tensions in the Face of Domestic Agricultural Support. *Presented during the 23rd Annual Conference on Global Economic Analysis (Virtual Conference)*.

Selected Reports

- **Wang, Ming**, and Matthew Gammans (2025). The One Big Beautiful Bill's USDA conservation spending shuffle. *ARPC Brief*, July.
- Gammans, Matthew, and **Ming Wang** (2025). The economics of 45Z under the One Big Beautiful Bill. *ARPC Brief*, July.
- Arita, Shawn, Sandro Steinbach, **Ming Wang**, and Xiting Zhuang (2025). China's import declines reflect broader demand weakness. *NDSU Agricultural Trade Monitor*, 2025-07.
- Arita, Shawn, Jiyeon Kim, Wuit Yi Lwin, Sandro Steinbach, **Ming Wang**, and Xiting Zhuang (2025). IEEPA tariff escalation: What it means for U.S. food and ag-input imports. *NDSU Agricultural Trade Monitor*, 2025-08.

- Arita, Shawn, Jiyeon Kim, Wuit Yi Lwin, Sandro Steinbach, **Ming Wang**, and Xiting Zhuang (2025). China could bypass U.S. soybeans in 2025/26 and IEEPA tariffs raise input costs. *NDSU Agricultural Trade Monitor*, 2025-10.
- Arita, Shawn, Jiyeon Kim, Wuit Yi Lwin, Sandro Steinbach, **Ming Wang**, and Xiting Zhuang (2025). Implications of new U.S.–China deal, soybean commitments, port fee suspension, and Southeast Asia deals. *NDSU Agricultural Trade Monitor*, 2025-11.
- Arita, Shawn, Matthew Gammans, Jiyeon Kim, Wuit Yi Lwin, Sandro Steinbach, **Ming Wang**, and Xiting Zhuang (2025). Supreme Court, food and input tariff relief, and market access opportunities through recent trade deals. *NDSU Agricultural Trade Monitor*, 2025-12.

RESEARCH EXPERIENCE

Graduate Research Assistant

Colorado State University

- with Dr. Dale T. Manning Jun 2023 — May 2025
 - Project title: Inferring the Supply of Greenhouse Gas Abatement from US Commodity Producers in The Corn Belt Using Observed Practice Choices: Implications for Carbon Offset Programs
- with Dr. Daniel F. Mooney Jan 2021 — May 2022
 - Project title: Cross-State Heterogeneity of Farm-Scale Hemp Production Costs.
- with Dr. Amanda M. Countryman Jan 2020 — May 2020
 - Project title: Economic Effects of U.S. Trade Tensions in the Face of Domestic Agricultural Support

COURSES DESIGNED

Colorado State University

Fort Collins, U.S.

- Agricultural Data Management and Analysis Aug 2022 — Dec 2022
- Introduction to R: Statistical Programming for Graduate Students in Economics Aug 2024
 - Updated course materials and created a public course website: R Code Camp

TEACHING EXPERIENCE

Instructor

Colorado State University

- Introduction to R: Statistical Programming for Graduate Students in Economics Summer 2024
 - 2-Day Summer Code Camp
- AREC 230-Lecture, Agricultural Data Management and Analysis Spring 2023
- AREC 230-Lab, Agricultural Data Management and Analysis Spring 2023
- AREC 202, Agricultural and Resource Economics Fall 2020

Graduate Teaching Assistant

Colorado State University

- AREC 202, Agricultural and Resource Economics Fall 2020
- AREC 202, Agricultural and Resource Economics Spring 2020
- AREC 202, Agricultural and Resource Economics Fall 2019
- AREC 415, International Agricultural Trade Fall 2019

Graduate Teaching Assistant

China Agricultural University

- Applied statistics Fall 2017

PRESENTATIONS

Academic conferences (as Presenter)

- 2025 International Agricultural Trade Research Consortium (IATRC) Annual Meeting, Tysons, U.S. Dec 2025
 - Global agricultural trade reallocation, land-use change, and emissions leakage from the 2025 IEEPA tariffs
- 2025 Agricultural & Applied Economics Association (AAEA) & Western Agricultural Economics Association (WAEA) Joint Annual Meeting, Denver, U.S. Jul 2025
 - Endogenous output prices and greenhouse gas abatement from corn and soy
- 2025 Association of Environmental and Resource Economists Summer Conference, Santa Ana Pueblo, U.S. May 2025
 - The impact of endogenous output prices on the greenhouse gas abatement supply curve

- 2024 IATRC, Fort Lauderdale, U.S. Dec 2024
 - Global Economic Effects of Japanese Seafood Trade Bans Following Nuclear Wastewater Discharge
- Camp Resources XXX, Asheville, U.S. Aug 2024
 - Working Lands Conservation and Rural Employment: Lessons from The Environmental Quality Incentives Program.
- 2024 AAEA Annual Meeting, New Orleans, U.S. Jul 2024
 - Inferring the Supply of Greenhouse Gas Abatement from US Commodity Producers in the Corn Belt using Observed Practice Choices: Implications for Carbon Offset Programs. USDA-NIFA AFRI Project Directors Meeting.
- 2024 AAEA Annual Meeting, New Orleans, U.S. Jul 2024
 - Working Lands Conservation and Rural Economic Outcomes: Lessons from The Environmental Quality Incentives Program. Selected poster
- 27th Annual Conference on Global Economic Analysis, Fort Collins, U.S. Jun 2024
 - The International Leakage Effects of Land Retirement: Evidence from The Conservation Reserve Program. Selected presentation
- 2022 AAEA Annual Meeting, Anaheim, U.S. Aug 2022
 - Efficient Regulation of Hemp Pollen Dispersal in Variated Landscapes. Selected poster
- 2022 AAEA Graduate Student Extension Competition Aug 2022
 - Clarifying Opportunities for Hemp Stakeholders: Identifying Needs and Developing Research Informed Outreach for an Emerging Industry.
- International Conference on Global Food and Agricultural Resource Economics (IFARE), Miyazaki, Japan Jul 2018
 - Research on Farmers' Behavior from the Perspective of Industrial Integration - Empirical evidence from 668 vegetable growers. Selected presentation

Other Presentations (as Presenter)

- ENRE Lab Meeting, Colorado State University Nov 2024
 - The Impact of Endogenous Output Prices on the Agricultural Greenhouse Gas Abatement Supply Curve
- ENRE Lab Meeting, Colorado State University Sep 2024
 - Conserving Land and Jobs: Can Allocating Conservation Dollars to Working Lands Improve Rural Employment?
- Food Systems Lab Meeting, Colorado State University Aug 2024
 - Conserving Land and Jobs: Can Allocating Conservation Dollars to Working Lands Improve Rural Employment?
- GTAP Conference Scholars Program, Dry-Run Session May 2024
 - The International Leakage Effects of Land Retirement: Evidence from The Conservation Reserve Program
- ENRE Lab Meeting, Colorado State University Oct 2023
 - The Effects of U.S. Agricultural Conservation Policy on Global Agricultural Production and Food Security: Evidence from The Conservation Reserve Program
- ENRE Lab Meeting, Colorado State University Mar 2023
 - The Economy-wide Implications of Conservation on Extensive and Intensive Margins: Working Lands vs. Land Retirement

GRANTS

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| IATRC Commissioned Paper: \$35,000, Co-PI | 2024 |
| <ul style="list-style-type: none"> • Global Economic Effects of Trade Restrictions on Japanese Seafood Following Nuclear Wastewater Discharge | |

AWARDS

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| IATRC Ph.D. Student Travel Award | 2024 |
| CSU Graduate Student Council Conference Travel Grant | 2024 |
| GTAP Conference Scholars Program, Fort Collins, U.S. | 2024 |
| 2022 AAEA Trust travel grant winner, Anaheim, U.S. | 2022 |
| DARE Graduate Student Travel Award, Fort Collins, U.S. | 2021 |
| China Agricultural University Graduate Scholarship, Beijing, China | 2018 |
| Outstanding Graduate of China Agricultural University, Beijing, China | 2016 |
| Outstanding Graduate of Beijing, Beijing, China | 2016 |
| He Kang Scholarship, Beijing, China | 2015 |
| Tsung Tsin Scholarship, Beijing, China | 2013 |

SERVICE

University Service

- Colorado State University-University of Wyoming Joint Research Seminar 2024
 - Organizer
- WE DARE (Women in Economics at Department of Agricultural and Resources Economics) 2024
 - Graduate liaison
- 18th China Youth Volunteer Poverty Alleviation Relay Program (2016-2017) Graduate Student Teaching Team 2016
 - Team leader, China Agricultural University Team

Referee Service

- Journal Referee
 - Climate Change, Choices, International Food and Agribusiness Management Review (IFAMR)
- Reviewer of Conference Submissions
 - 28th Annual Conference on Global Economic Analysis (2025), AERE Summer Conference (2025)

LANGUAGES

- Chinese (Native)
- English (Fluent)

COMPUTER SKILLS

- Expert in RStudio, Stata, L^AT_EX
- Proficient in ArcGIS, MATLAB
- Basic in Visual Basic, Github, Python