

ASHOK K. MISHRA
ORCID ID: orcid.org/0000-0002-0988-1428

Kemper and Ethel Marley Foundation Chair
Arizona State University

A. PROFESSIONAL PREPARATION

- Ph.D.** 1996 North Carolina State University: **Major:** Economics: **Minor:** Statistics.
M.Sc. 1989 University of Aberdeen, Aberdeen, United Kingdom: **Major:** Agri. Economics:
Minor: Statistics.
B.Sc. (*Summa cum Laude*), 1988 G. B. Pant Univ. of Agri. and Tech., Pantnagar, India.

B. APPOINTMENTS

- 7/15- Kemper and Ethel Marley Foundation Chair in Food Systems, W. P Carey School of Business, Arizona State University, Tempe, AZ.
5/13- Research Fellow, Social Sciences Division, International Rice Research Institute, Manila, Philippines.
2/14-6/15 Donald E. Welge Endowed Professor, Department of Agricultural Economics and Agribusiness, Louisiana State University, Baton Rouge, LA.
7/10-1/14 Professor, Department of Agricultural Economics and Agribusiness, Louisiana State University, Baton Rouge, LA.
7/11-6/15 Adjunct Professor, Real Estate Research Institute, Department of Finance, E.J. Ourso College of Business, Louisiana State University Baton Rouge, LA.
7/07-6/10 Associate Professor, Department of Agricultural Economics and Agribusiness, Louisiana State University, Baton Rouge, LA.
7/03-6/07 Senior Economist, Resource Economics Division, Economic Research Service, U.S. Department of Agriculture, Washington D.C.
7/97-6/03 Economist, Resource Economics Division, Economic Research Service, U.S. Department of Agriculture, Washington D.C.

C. PROFESSIONAL ACTIVITIES

- **Series Editor**, *Routledge Studies in Agricultural Economics*, July 2015—present.
- **Editor**, *Agricultural Economics: An International Journal*, July 2015—present.
- **Editor**, *Journal of Agribusiness in Developing and Emerging Economies*, July 2017—present.
- **Editorial Board Member**, *China Agricultural Economics Review*, 2020-present
- **Editorial Board Member**, *Journal of Agricultural and Resource Economics*, 2020-present
- **Editorial Board Member**, *Land Use Policy*, 2020-present.
- **Guest Editor**, *Agricultural Finance Review*, “Commemorating 100 Years of Farm Credit”. Vol. 77(1), 2017.
- **Editor**, *Applied Economics Perspectives and Policy*; January 2011—March 2014.
- **Editor**, *Journal of Agricultural and Applied Economics*; July 2007—June 2010.

D. HONORS AND AWARDS

- **2023 Best Paper**, IFAMA 2023 Academic Symposium—Theme: Transforming the global food and fibre system, 2023 IFAMA World Conference, New Zealand

- **2022-23 Dean’s Distinguished Career Research Award**, W. P. Carey School of Business, Arizona State University.
- **2022 Fellow** of the Agricultural and Applied Economics Association (AAEA)
- **2022 Publication of Lasting Impact**, AAEA-AFM for 2003 *American Journal of Agricultural Economics (AJAE)* article “The Impacts of Different Farm Programs on Cash Rents.”
- **2022 Outstanding Selected Research Paper**, AAEA-LAS for 2022 article on “Aspirations Risk Preferences and Investment in Agricultural Technologies.”
- **2022 Fellow**, National Academy of Agricultural Sciences (NAAS), India.
- **2021-22 Top Cited Article**, “Land rental markets and labor productivity: Evidence from rural China.” *Canadian Journal of Agricultural Economics/Revue Canadienne D’agroeconomie*.
- **2020-21 Top Cited Article**, “Food Safety Measures and Food Security of Smallholder Dairy Farmers: Empirical Evidence from Bihar, India.” *Agribusiness: An International Journal*.
- **2020 Fellow** of the Western Agricultural Economics Association (WAEA).
- **2019 Outstanding Alumni Award**, Dept of Economics and Agricultural Economics, NC State University, Raleigh, NC USA.
- **2018 Outstanding Paper Award**, *Agricultural Finance Review*, 2018
- **2017 Outstanding College Alumni**, College of Agriculture, G. B. Pant. Univ. of Ag. & Tech, Pantnagar, India.
- **2017 Highly Commended Award**, *China Agricultural Economic Review*, 2017
- **2013 LSU Distinguished Faculty Award**, Louisiana State University
- **2013 Distinguished Achievement in Agriculture Award of Merit** *Gamma Sigma Delta*, LSU Chapter
- **2012 Mid-Career Scholar Rainmaker Award**, Louisiana State University
- **2012 Research Certificate of Merit**, *Gamma Sigma Delta*, LSU Chapter
- **2007 Outstanding Journal Article Award** *American Journal of Agricultural Economics*
- **2006 Outstanding Journal Article Award** *Journal of Agricultural and Applied Economics*.

E. PUBLICATION (SELECTED)

- **Mishra, Ashok K.**, G. Short, and C. B. Dodson. “Racial Disparities in Farm Loan Application Processing: Are Black Farmers Disadvantaged?” Forthcoming *Applied Economic Perspectives and Policy*, 2023.
- Fan, P., **Ashok K. Mishra**, S. Feng., M. Su. “The Effect of agricultural subsidies on Chemical Fertilizer Use: Evidence from a New Policy in China.” *Journal of Environmental Management*, Vol. 344, 2023: Article # 118423.
- Koppenberg, M., **Ashok K. Mishra**, and S. Hirsch. “Food Aid and Violent Conflict: An Empiricist’s Companion.” Forthcoming, *Food Policy*, 2023.
- Fan, P., **Ashok K. Mishra**, S. Feng., M. Su, and S. Hirsch. “The Impact of China’s New Agricultural Subsidy Policy on Grain Crop Acreage.” *Food Policy*, Vol. 118, 2023: Article # 102472.
- Lien, G., S. C. Kumbhakar, **Ashok K. Mishra**. “Risk-Adjusted Parametric and Nonparametric Production Functions: The Case of Basmati Rice in India.” Forthcoming *Journal of Agricultural and Applied Economics*, 2023.
- Zhang, J., **Ashok K. Mishra**, and X. Ma. “Mechanism of Chinese Farmers’ Land Rental Participation: The role of Invisible Market and Public Intervention.” *Food Policy*, Vol.

- 117, 2023: Article # 102453.
- Villacis, A., J. Bloem, **Ashok K. Mishra**. “Aspirations, Risk Preferences, and Investments in Agricultural Technologies.” *Food Policy*, Vol. 120, 2023: Article # 102477.
 - Ullah, A., **Ashok K. Mishra**, M. Bavorova. “Agroforestry Adoption Decision in Green Growth Initiative Programs: Key Lessons from the Billion Trees Afforestation Project (BTAP).” *Environmental Management Journal*, Vol. 71, 2023: 950-964.
 - Roznik, M., **Ashok K. Mishra**, M. Boyd. “Using a Machine Learning Approach and Big Data to Augment WASDE Forecasts: Empirical Evidence from US Corn Yield.” Forthcoming, *Journal of Forecasting*, 2023.
 - **Mishra, Ashok K.**, K. Louhichi., G. Genovese, and S. G. y Paloma. “Insights into Land-Size and Productivity in Ethiopia: What Do Data and Heterogeneous Analysis Reveal.” *Frontiers in Sustainable Food Systems*, Vol. 7, 2023: Article # 1057674.
 - Koppenberg, M., **Ashok K. Mishra**, T. Dalhaus, and S. Hirsch. “The Value of Firm Flexibility Under Extreme Positive Demand Shocks: COVID-19 and Toilet Paper Panic Purchases.” *Economic Letters*, Vol. 222, 2023: Article # 110965.
 - Miller, C., **Ashok K. Mishra**, and A. Villacis. “Employer-Sponsored Health Insurance Coverage, Government Payments and Labor Allocation: The Case of US Farm-Operator Households.” *Journal of Agricultural and Resource Economics*, Vol. 48(1), 2023: 158-177.
 - Yan Z., F. Chen, **Ashok K. Mishra**, and W. Sha. “An Economic Assessment of Adoption of Hybrid Rice: Micro-Level Evidence from Southern China.” *Frontiers in Sustainable Food Systems*, 6, 2022: Article #1066657.
 - Rezitis, A., **Ashok K. Mishra**, and S. Kumar. “Indians Demanding More Plant-based Protein but Farmers' Profits Drop: Empirical Evidence to Understand the Dilemma.” Forthcoming, *Journal of Agricultural and Resource Economics*, 2023.
 - Villacis, A., S. Badruddoza, **Ashok K. Mishra**, J. Mayorga. “The Role of Recall Periods When Predicting Food Insecurity: A Machine Learning Application in Nigeria.” *Global Food Security*, Vol. 36, 2023: Article # 100671.
 - Valera, H. G., J. Mayorga, V. Pede., and **Ashok K. Mishra**. “Estimating Food Demand and the Impact of Market Shocks on Food Expenditures: The Case for the Philippines and Missing Price Data.” *Q-Open*, Vol. 2(2), 2022.
 - Malabaybas, M. and **Ashok K. Mishra**. “Assessing Inverse Relationship in Joint Farm Decision-Making Households: An Empirical Evidence from Eastern India.” *Frontiers in Sustainable Food Systems*, Vol. 6, 2022: Article # 1000156.
 - Hirsch, S., M. Khalilov, T. Dalhaus, and **Ashok K. Mishra**. “Firm Names and Profitability in German Food Processing.” *European Review of Agricultural Economics*, Vol. 50(3), 2023: 1103-1139.
 - Varshney, D., P. K. Joshi, A. Kumar, **Ashok K. Mishra**, and S. K. Dubey “Examining the Transfer of Knowledge and Training to Smallholders in India: Direct and Spillover Effects of Agricultural Advisory Services in an Emerging Economy.” *World Development*, Vol., 160, 2022: Article # 106067.
 - Varshney, D., **Ashok K. Mishra**, P. K. Joshi, and D. Roy. “Social Networks, Heterogeneity, and Adoption of Agricultural Technologies: Evidence from India.” *Food Policy*, Vol. 112, 2022: Article # 102360.
 - Birthal, P.S., Hazrana, J., Negi, D.S., and **Ashok K. Mishra**. “Assessing Benefits of Crop Insurance vis-a-vis Irrigation in Indian Agriculture.” *Food Policy*, Vol., 112, 2022:

Article # 102348.

- Zou, B., R. and **Ashok K. Mishra**. “How Internet Use Affects the Farmland Rental Market: An Empirical Study from Rural China.” *Computers and Electronics in Agriculture*, Vol., 198, 2022: Article # 10775.
- Mottaleb, K. A., and **Ashok K. Mishra**. “Income, Urbanization, and Consumption of Processed Foods: Implications for Nutrition and Health Policies for India.” *Journal of International Development*, Vol. 35(5), 2023: 688-715.
- Kodama, W., V. O. Pede, **Ashok K Mishra**, R. P. O Cuevas, A. Ndayiragije, E. R Cabrera, Marcos Langa, and Jauhar Ali. “Assessing the Benefits of Green Super Rice in Sub-Saharan Africa: Evidence from Mozambique.” *Q-Open*, Vol. 2 (1), 2022: 1-23.
- Ullah, A., **Ashok K. Mishra**, M. Bavorova, and H. Kächele. “The Effect of COVID-19 Pandemic on Market Integration: Evidence from Vegetable Farmers in Pakistan.” *International Journal of Disaster Risk Reduction*, Vol., 80, 2022: Article # 103220.
- Zou, B., R. Zanjie, **Ashok K. Mishra**, S. Hirsch. “The Role of Agricultural Insurance in Boosting Agricultural Output: An Aggregate Analysis from Chinese Provinces.” *Agribusiness: An International Journal*, Vol. 38(4), 2022: 923-945.
- Villacis, A., J. Mayorga, **Ashok K. Mishra**. “Experience-based Food Insecurity and Agricultural Productivity in Nigeria.” *Food Policy*, Vol. 113, 2022: Article # 102286.
- Kumar, A., **Ashok K. Mishra**, S. Saroj, and S. Rashid. “Government Transfers, COVID-19 Shock, and Food Insecurity: Evidence from Rural Households in India.” *Agribusiness: An International Journal*, Vol. 38(3), 2022: 636-659.
- Lien, G., S. C. Kumbhakar, **Ashok K. Mishra**, J. B. Hardaker. “Does Risk Management Affect Productivity of Organic Rice Farmers in India? Evidence from a semiparametric production model.” *European Journal of Operations Research*, Vol., 303 (3), 2022: 1392-1402.
- **Mishra, Ashok K.**, V. O. Pede, A. Arouna, A., R. Labarta, R. Andrade, P. Veetil, H. Bhandari, A. G. Laborte, J. Balie, and B. Bouman. “Helping Feed the World with Rice Innovations: RICE Research Adoption and Socioeconomic Impact on Farmers.” *Global Food Security*, Volume 33, June 2022, Article # 100646.
- Bairagi, S., **Ashok K. Mishra**, K.A. Mottaleb. “Impacts of the COVID-19 Pandemic on Food prices: Evidence from Storable and Perishable Commodities in India.” *PLoS ONE* 17(3), 2022: e0264355.
- Akber, N., K. Paltasingh, **Ashok K. Mishra**. “How Can Public Policy Encourage Private Investments in Indian Agriculture? Input Subsidies vs. Public Investment.” *Food Policy*, Vol. 107, 2022: Article # 102210.
- Bairagi, S., and **Ashok K. Mishra**. “Disentangling Gender Differentiated Impact on Food Security and Poverty.” *Journal of International Development*, Vol. 34(3), 2022: 493-511.
- Kopp, T., and **Ashok K. Mishra**. “Perishability and Market Power in Nepalese Food Crop Production.” *Journal of Agricultural Economics*, Vol. 73(2), 2022: 518-540.
- Dsouza, A., **Ashok K. Mishra**, S. Webster. “Vertical Coordination and Post-Harvest Losses: Implications for Food Loss.” *Applied Economics Perspectives and Policy*, Vol. 45(1), 2023: 460-481.
- Khanal, A., **Ashok K. Mishra**, G. Lien. “Effects of Risk Attitude and Risk Perceptions on Risk Management Decisions: Evidence from Farmers in an Emerging Economy.” *Journal of Agricultural and Resource Economics*, Vol. 47(3), 2022: 477-94.

- Varshney, D., A. Kumar., **Ashok K. Mishra**, S. Rashid., P. K. Joshi. “Could Government Intervention Mitigate COVID-19 Shocks in the Agricultural Sector: Evidence from Northern India.” *Applied Economics Perspectives and Policy*, Vol. 43(1), 2021: 248-269.
- Varshney, D., A. Kumar., **Ashok K. Mishra**, S. Rashid., P. K. Joshi. “India’s COVID-19 Social Assistance Package and its Impact on the Agriculture Sector.” *Agricultural Systems*, Vol. (189), Feb. 2021, Article # 103049.
- Zhang, J., **Ashok K. Mishra**, and S. Hirsch. “Market-Oriented Farming and Farm Performance: Evidence from Rural China.” *Food Policy*, Vol. (100), 2021, Article #102023,
- Paudel, K., **Ashok K. Mishra**., M. Pandit, E. Segarra. “Event Dependence and Heterogeneity in the Adoption of Precision Farming Technologies: A Case of US Cotton Production.” *Computers and Electronics in Agriculture*, Vol. (181), Feb. 2021, Article # 105979.
- Ali, W., A. Abdulai, and **Ashok K. Mishra**. “Recent Advances in the Analysis of Demand for Agricultural Insurance in Developing and Emerging Countries.” *Annual Review of Resource Economics*, Vol. 12, 2020: 411-30.
- **Mishra, Ashok K.**, J. Mayorga, and A. Kumar. “Technology and Managerial Gaps in Contract Farming: The Case of Specialty Crop Production.” *Journal of Agricultural and Resource Economics*, Vol. 47(1), 2022: 77-96.
- Li, C., W. Ma, **Ashok K. Mishra**, L. Gao. “Access to credit and farmland rental market participation: Evidence from rural China.” *China Economic Review*, Vol. (63), 2020: Article #101523.
- Zhang, J., **Ashok K. Mishra**., P. Zhu., X. Li. “Land Rental Market and Agricultural Labor Productivity in Rural China: A Mediation Analysis.” *World Development*, Vol. (97), 2020: Article #105089.

F. SELECTED GRANTS AND CONTRACTS (SELECTED FEW)

1. *Principal Investigator* (Mishra and Coble), “Using Field Level Soil Quality Data for Crop Insurance: A Big Data Simulation and Credibility Approach to Improve Crop Insurance Pricing and Agricultural Land Sustainability Practice,” funded for \$498,000 (2021-2023). Funded by USDA National Institute of Food and Agriculture (NIFA).
2. *Co-Principal Investigator* (Richards and Mishra), “The Economics of Food Loss in the Produce Industry.” Funded for \$10,000 (2019-2020). Funded by Economic Research Service, U.S. Department of Agriculture, Washington DC.
3. *Co-Principal Investigator* (Richards and Mishra), “Food Loss and Waste for Produce: Economic Abandonment.” Funded for \$70,000 (2017-2018). Funded by Economic Research Service, U.S. Department of Agriculture, Washington DC.
4. *Co-Principal Investigator* (Chenarides, Mishra, Hughner, Brayboy, Moore and Wharton, and Molina), “Identifying Innovative Solutions to Address Food Insecurity in Native Communities.” Funded for \$50,000. Funded by Arizona State University, Tempe, AZ.
5. *Co-Principal Investigator* (Fannin and Mishra), “Preparing Local Governments to be Financially Resilient to Natural Disasters.” Funded for \$150,000 (2015-2017). Funded by Louisiana Sea Grant Community Resilience, NOAA, U.S. Department of Commerce.
6. *Co-Principal Investigator* (Barbato, Holton and Mishra), “Feasibility Study for Low-Cost Hurricane-Resistant Residential Buildings made of Earth Blocks” Funded for \$35,000 (2014-2015). Funded by LSU Coastal Sustainability Studio.
7. *Principal Investigator* (Mishra), “The Changing Structure of Retail Food Stores and Its

Impact on Direct Marketing” Funded for \$20,000 (2014-2015). Funded by Economic Research Service, U.S. Department of Agriculture, Washington DC.

8. *Principal Investigator* (Mishra), “Domestic Commodity Support: Usage by Households, Credit Implications, and Economic Impacts” funded for \$15,000 (2014-2015). Funded by Economic Research Service, U.S. Department of Agriculture, Washington DC.
9. *Co-Principal Investigator* (Fannin and Mishra), “Assessing Vulnerability of Sectors and Regions to OCS Oil and Gas Industry Volatility” Funded for \$499,346 (2012-2015). Funded by Bureau of Ocean Energy and Management, U.S. Department of Interior.
10. *Principal Investigator* (Mishra), “Demand for H2-B Visa Workers in Louisiana Seafood Industry” funded for \$9,999 (2012-2013). Funded by Louisiana Sea Grant Office Dev. Office.