

Man-Keun Kim

Updated on June 7, 2022

<https://sites.google.com/view/mkmkya/bio>

Professor
Department of Applied Economics
Utah State University
4835 Old Main Hill
Logan, Utah 84322-4835

Office: AGRS 220A
Phone: 435-797-2359
Fax: 435-797-0402
Email: mk.kim@usu.edu | mankeun.kim@gmail.com

Academic and Professional Experience

Professor, Department of Applied Economics, Utah State University, Logan, Utah (July 2022 – Present).

Associate Professor, Department of Applied Economics, Utah State University, Logan, Utah (July 2016 – June 2022).

Associate Head, Department of Applied Economics, Utah State University, Logan, Utah (March 2021 – Present).

Director of Graduate Programs in Department of Applied Economics, Utah State University, Logan, Utah (July 2016 – Present).

Assistant Professor, Department of Applied Economics, Utah State University, Logan, Utah (August 2010 – June 2016)

Research Assistant Professor, Department of Resource Economics and University Center for Economic Development (UCED), University of Nevada-Reno, Reno, Nevada (July 2007 – July 2010)

Economist (Postdoc), Joint Global Change Research Institute (JGCRI), Pacific Northwest National Laboratory and University of Maryland, College Park, Maryland (July 2004 – June 2007).

Education

Ph.D. in Natural Resource and Environmental Economics, Department of Agricultural Economics, Texas A&M University, College Station, Texas, 2004.

Awards

2021-2022 International Professor of the Year Award for the College of Agriculture and Applied Science (CAAS), Utah State University (August, 2021) <https://www.youtube.com/watch?v=qUKynG5zYC4>

Media Citations

- [2] Traveler Special Report: Drought carries crippling economic impacts, *National Parks Traveler*. August 2021. <https://www.nationalparkstraveler.org/2021/08/traveler-special-report-drought-carries-crippling-economic-impacts>
- [1] Mighty 5 campaign brought an extra half-million visitors to parks; now Utah wants to steer them to other places (with Paul Jakus), *The Salt Lake Tribune*. May 2019. <https://www.sltrib.com/news/environment/2019/05/11/utahs-mighty-campaign/>

Publications

(Clickable DOIs links to the articles)

Book

Kim, M-K., McCarl, B.A., and Spreen, T.H. 2018. Applied Mathematical Programming. Textbooks 6, Utah State University, available at https://digitalcommons.usu.edu/oer_textbooks/6/

Peer Reviewed Journal Articles

(★ indicates Kim was a *corresponding* or *lead* author of the article; Kim's students are marked with *)

- [54] Drugova, T., Curtis, K.R., and **Kim, M-K.** 2022. The Impact of Drought on Southwest Tribal Economies. *Journal of the American Water Resources Association*, forthcoming. DOI: <https://doi.org/10.1111/1752-1688.13018>
- [53] Vivas, J.★, **Kim, M-K.**★, Takagi, C., and Kirimi, L. 2022. Adopting African Indigenous Vegetables: A Dynamic Panel Analysis of Smallholders in Kenya. *Journal of Agricultural and Resource Economics*, forthcoming. DOI: <https://doi.org/10.22004/ag.econ.316750>
- [52] Kim, H., Kim, D-W., and **Kim, M-K.**★ 2022. Economics of Charging Infrastructure for Electric Vehicles in Korea. *Energy Policy* 164, 112875. DOI: <https://doi.org/10.1016/j.enpol.2022.112875>
- [51] Drugova, T., **Kim, M-K.**★, and Jakus, P.M. 2021. Marketing, Congestion, and Demarketing in Utah's National Parks. *Tourism Economics*, 27(8): 1759-1778. DOI: <https://doi.org/10.1177/1354816620939722>
- [50] Nguyen, M.★, **Kim, M-K.**, and Yang, S-H. 2021. Exploring the Ingredient Choices and Maximum Budget for Fresh Food Boxes in Taiwan. *Horticulturae* 7(10), 408. DOI: <https://doi.org/10.3390/horticulturae7100408>
- [49] Takagi, C., Purnomo, S.H., and **Kim, M-K.** 2021. Adopting Smart Agriculture among Organic Farmers in Taiwan. *Asian Journal of Technology Innovation* 29(2): 180-195. DOI: <https://doi.org/10.1080/19761597.2020.1797514>
- [48] Drugova, T., Curtis, K., and **Kim, M-K.** 2021. The Economic Impacts of Drought on Navajo Nation. *Journal of Food Distribution Research* 52(1): 31-38. DOI: https://www.fdrsinc.org/wp-content/uploads/2021/05/JFDR52.1_7_Drugova.pdf
- [47] Ryu, J., Kim, D-W., and **Kim, M-K.**★ 2021. Household Differentiation and Residential Electricity Consumption in Korea. *Energy Economics* 95: 105090. DOI: <https://doi.org/10.1016/j.eneco.2020.105090>
- [46] **Kim, M-K.** and Kim, H-N. 2021. The Effect of Household Differentiation and Population Aging on Juice Consumption in Korea. *Journal of Tourism & Industry Research* 41(1): 5-11. DOI: <https://dx.doi.org/10.24907/jtir.2021.2.41.1.5>
- [45] Wright, J.★, **Kim, M-K.**★, Tejada, H.A. and Kim, H-N. 2021. A Tournament Approach to Price Discovery in the U.S. Cattle Market. *Journal of Agricultural and Applied Economics* 53(1): 21-36. DOI: <https://www.doi.org/10.1017/aae.2020.26>
- [44] Tejada, H.A. and **Kim, M-K.** 2021. Dynamic Price Relationships and Price Discovery among Cheese Markets. *International Food and Agribusiness Management Review* 24(1): 1-13. DOI: <https://www.doi.org/10.22434/IFAMR2019.0206>

- [43] Pisarn, P.*, **Kim, M-K.** and Yang, S-H. 2020. A Potential Sustainable Pathway of the Community Supported Agriculture in Taiwan: Consumer Perspective in Farmers' Market. *Sustainability* 12(21): 8917. DOI: <https://doi.org/10.3390/su12218917>
- [42] Kim, S-H., Lim, Y-Y., Kim, D-W., and **Kim, M-K.*** 2020. Swing Suppliers and International Natural Gas Market Integration. *Energies* 13(18): 4661. DOI: <https://doi.org/10.3390/en13184661>
- [41] Kim, B-S., Kim, H-N, **Kim, M-K.**, and Ko, S-B. 2020. A Simulation Analysis on the Economic Impact of U.S. Tangerine Importing in the Korean Citrus Industry. *Journal of the Korea Academia-Industrial Cooperation Society* 21(7): 303-311. DOI: <https://doi.org/10.5762/KAIS.2020.21.7.303>
- [40] Kim, T-W., Chang, Y., Kim, D-W., and **Kim, M-K.*** 2020. Preventive Maintenance and Forced Outages in Power Plants in Korea. *Energies*, 13(14): 3571. DOI: <https://doi.org/10.3390/en13143571>
- [39] Mjelde, J.W., Dudensing, R., Brooks, J., Battista, G., Carrillo, M., Council, B., Giri, A., **Kim, M-K.**, Pyrialakou, V.D., and Ullerich, S. 2020. Rural Transportation Conference Participants' Opinions and Concerns Pertaining to Transit for Older Adults. *SAGE Open*, 10(2). DOI: <https://doi.org/10.1177/2158244020924036>
- [38] Pan, W., **Kim, M-K.**, Ning, Z., and Yang, H. 2020. Carbon Leakage in Energy/Forest Sectors and Climate Policy Implications using Meta-analysis. *Forest Policy and Economics* 115: 102161 DOI: <https://doi.org/10.1016/j.forpol.2020.102161>
- [37] Kim, B-S. and **Kim, M-K.** 2020. An Ex-post Impact Assessment of the KOR-USA Free Trade Agreement on the Korean Citrus Industry. *Journal of the Korea Academia-Industrial Cooperation Society* 21(4): 538-545. DOI: <https://doi.org/10.5762/KAIS.2020.21.4.538>
- [36] Van Order, C.*, Willis, B., Bosworth, R., Larsen, R., McCarty, T., and **Kim, M-K.** 2020. Weather Station Location and the Pasture, Rangeland, and Forage Insurance Program. *Choices* 35(Quarter 1). DOI: http://www.choicesmagazine.org/UserFiles/file/cmsarticle_735.pdf
- [35] **Kim, M-K.*** and Kim, D-W. 2019. Leading and Lagging Natural Gas Markets between Asia and Europe. *OPEC Energy Review* 43(3): 383-395. DOI: <https://doi.org/10.1111/opeec.12163>
- [34] Peralta, D.J.* and **Kim, M-K.*** 2019. Big-box Retailers, Retail Employment, and Wages in the U.S. *Review of Urban & Regional Development Studies* 31(1-2): 102-117. DOI: <https://doi.org/10.1111/ru rd.12092>
- [33] Tejada, H.A., **Kim, M-K.**, and Feuz, D.M. 2019. Impact of Alfalfa Hay Exports Surge on Dairy and Feed Markets in California. *Journal of Agribusiness* 37(1):23-34. DOI: <https://doi.org/10.22004/ag.econ.302467>
- [32] **Kim, M-K.*** and Jakus, P.M. 2019. Wildfire, National Park Visitation, and Changes in Regional Economic Activity. *Journal of Outdoor Recreation and Tourism* 26: 34-42. DOI: <https://doi.org/10.1016/j.jort.2019.03.007>
- [31] Feuz, R.* and **Kim, M-K.*** 2019. U.S. Sheep Industry and the Public Grazing Fee. *Rangeland Ecology & Management* 72: 415-424. DOI: <https://doi.org/10.1016/j.rama.2018.11.012>
- [30] **Kim, M-K.***, Lee, Y-G., and Kim, S-S. 2018. Influence of Household Types on Food and Grocery Store Choices. *Journal of Rural Development* 41(5): 89-121. DOI: <http://repository.krei.re.kr/handle/2018.oak/23008>
- [29] **Kim, M-K.*** and Tejada, H.A. 2018. Implicit Cost of the 2010 Foot-and-Mouth Disease in Korea. *Studies in Agricultural Economics* 120(3): 166-173. DOI: <https://doi.org/10.22004/ag.econ.281014>

- [28] Kim, T.* and Kim, M-K.* 2018. Ex-Post Moral Hazard in Prevented Planting. *Agricultural Economics* 49(6): 674-680. DOI: <https://doi.org/10.1111/agec.12451>
- [27] Silva, C.G.* and Kim, M-K. 2018. Optimizing One-day Driving Restriction using Mathematical Programming. *Journal of Applied Operation Research* 10(1): 43-52. DOI: <http://orlabanalytics.ca/jaor/archive/v10/n1/jaorv10n1p43.pdf>
- [26] Caplan, A.J. and Kim, M-K. 2018. A Note on Mitigating Adverse Scale Effects Associated with Daily Driving Restrictions. *Environment and Development Economics* 23(1): 63-79. DOI: <https://doi.org/10.1017/S1355770X17000316>
- [25] Kim, M-K.* , Tejada, H.A., and Yu, E. 2017. U.S. Milled Rice Markets and Integration across Regions and Types. *International Food and Agribusiness Management Review* 20(5): 623-636. DOI: <https://doi.org/10.22434/IFAMR2016.0097>
- [24] Seo, H-S., Kim, T.* , Kim, M-K., and McCarl, B.A. 2017. Introduction of the Trend-Adjusted Crop Insurance Program: Participation and Coverage Level Responses. *Agricultural Finance Review* 77(3): 412-428. DOI: <https://doi.org/10.1108/AFR-07-2016-0065>
- [23] Kim, M-K.* , Ukkestad, C.M.* , Tejada, H.A., and Bailey, D. 2017. Benefits of Animal Traceability Systems for a Foot-and-Mouth Disease in Utah – Supply-Driven Social Accounting Matrix Approach. *Journal of Agricultural and Applied Economics* 49(3): 438-466. DOI: <https://doi.org/10.1017/aae.2017.7>
- [22] Kim, M-K.* , Pang, A., Bao, W.* , and Bosworth, R. 2016. Endogeneity in Casino Revenue and Crime Rates: Case of Las Vegas, Nevada. *The Review of Regional Studies* 46(3): 223-236.
- [21] Kim, M-K.* and Kim, T.* . 2016. Estimating Impact of Regional Greenhouse Gas Initiative on Coal to Gas Switching using Synthetic Control Methods. *Energy Economics* 59: 328-335. DOI: <https://doi.org/10.1016/j.eneco.2016.08.019>
- [20] Kim, M-K.* , Paudel, B.* , and Snyder, D.L. 2015. Benefit Cost for Biomass Co-firing in Electricity Generation: Case of Utah, U.S. *International Journal of Food and Agricultural Economics* 3(3): 15-30. DOI: <https://doi.org/10.22004/ag.econ.208847>
- [19] Kim, M-K.* 2015. Supply-Driven Input-Output Analysis: Case of 2010-2011 Foot-and-Mouth Disease in Korea. *Journal of Rural Development* 38(2): 173-188. DOI: <https://doi.org/10.22004/ag.econ.229788>
- [18] Kim, M-K.* and Lee, K-I.* . 2015. Dynamic Interactions between Carbon and Energy Prices in the U.S. Regional Greenhouse Gas Initiative. *International Journal of Energy Economics and Policy* 5(2): 494-501.
- [17] Harris, T.R., Kim, M-K., Dick, R.M., Oliver, A., and Richardson, J.W. 2015. Inclusion of Risk in Public Works Projects: An Example with Waste Recycling Options. *Public Works Management and Policy* 20(2): 176-195. DOI: <https://doi.org/10.1177/1087724X14547823>
- [16] Kim, M-K.* , Peralta, D.J.* , and McCarl, B.A. 2014. Agricultural Land-based Greenhouse Gas Emission Offset and Leakage Discounting in the U.S. *Ecological Economics* 105: 265-273. DOI: <https://doi.org/10.1016/j.ecolecon.2014.06.009>
- [15] Kim, M-K., Curtis, K.R., and Yeager, I.* 2014. An Assessment of Market Strategies for Small-scale Produce Growers. *International Food and Agribusiness Management Review* 17(3): 187-204. DOI: <https://doi.org/10.22004/ag.econ.183494>

- [14] Moeltner, K., **Kim, M-K.**, Zhu, E.* and Yang, W. 2013. Wildfire Smoke and Health Impacts: A Closer Look at Fire Attributes and their Marginal Effects. *Journal of Environmental Economics and Management* 66(3): 476-496. DOI: <https://doi.org/10.1016/j.jeem.2013.09.004>
- [13] **Kim, M-K.***, Zhu, E.*, Harris, T.R., and Alevy, J.E. 2012. An LP-SAM Approach for Examining Regional Economic Impacts: An Application to Wildfire Disaster in Southeast Oregon. *The Review of Regional Studies* 42(3): 207-221.
- [12] **Kim, M-K.*** 2012. "Rice Yield Falls and Its Variability Rises under Global Warming in Southeast Asia." Forum for Agricultural Risk Management in Development (FARM^D), World Bank. (not-peer reviewed)
- [11] Lee, A.C. and **Kim, M-K.*** 2011. Captive Supply Impact on the U.S. Fed Cattle Price: An Application of Nonparametric Approach. *Journal of Rural Development* 34(4): 103-115. DOI: <https://doi.org/10.22004/ag.econ.174502>
- [10] Yu, T-H., **Kim, M-K.**, and Cho, S-H. 2011. Does Trade Liberalization Induce More Greenhouse Gas Emissions? The Case of Mexico and the United States under NAFTA. *American Journal of Agricultural Economics* 93(2): 545-552. DOI: <https://doi.org/10.1093/ajae/aaq145>
- [9] Bishop, C.D.* , Curtis, K.R., and **Kim, M-K.** 2010. Conserving Water in Arid Regions: Exploring the Economic Feasibility of Alternative Crops. *Agricultural Systems* 103(8): 535-542. DOI: <https://doi.org/10.1016/j.agsy.2010.05.006>
- [8] Curtis, K.R., Cowee, M.W., **Kim, M-K.**, and Harris, T.R. 2010. Evaluating Returns to Cool Season Grass Quality Characteristics for Niche Equine Feed Markets. *Journal of Agribusiness* 28(1): 1-18. DOI: <https://doi.org/10.22004/ag.econ.260075>
- [7] **Kim, M-K.***, Harris, T.R., and Vusovic, S.* 2009. Efficiency Analysis of the United States Biotechnology Industry: Clustering Enhances Productivity. *AgBioForum* 12(3&4): 422-436.
- [6] **Kim, M-K.*** and Pang, A. 2009. Climate Change Impact on Rice Yield and Production Risk. *Journal of Rural Development* 32(2): 17-29. DOI: <https://doi.org/10.22004/ag.econ.90682>
- [5] **Kim, M-K.*** and McCarl, B.A. 2009. Uncertainty Discounting for Land-based Carbon Sequestration. *Journal of Agricultural and Applied Economics* 41(1): 1-11. DOI: <https://doi.org/10.1017/S1074070800002510>
- [4] **Kim, M-K.***, McCarl, B.A., and Murray, B.C. 2008. Permanence Discounting for Land-based Carbon Sequestration. *Ecological Economics* 64(4):763-769. DOI: <https://doi.org/10.1016/j.ecolecon.2007.04.013>
- [3] **Kim, M-K.** and McCarl, B.A. 2005. The Agricultural Value of Information on the North Atlantic Oscillation: Yield and Economic Effects. *Climatic Change* 71(1-2):117-139. DOI: <https://link.springer.com/content/pdf/10.1007/s10584-005-5928-x.pdf>
- [2] **Kim, M-K.**, Han, D-B., and Jong, P-C. 1998. Estimating the Value of Food Safety in Beef Consumption. *Korean Journal of Agricultural Policy* 25(1): 181-205.
- [1] Han, D-B. and **Kim, M-K.** 1997. A Review of Agro-Environmental Policies in Selected Countries. *Korean Natural Resource Research* 5: 103-120.

Reports

(Reports with ★ indicate Kim is a *corresponding* author; Kim's students are marked with *)

- [30] Gale, L.* and **Kim, M-K.**★ 2021. *Economic Contribution of Utah Green Industry*, Report prepared for Utah Nursery and Landscape Association (UNLA) and Utah Department of Agriculture and Food (UDAF), February 2021.
- [29] Drugova, T., Curtis, K. and **Kim, M-K.** 2021. *Impacts of Drought on Tribal Economies in Utah*, USU Extension Fact Sheet, Applied Economics/2020-01pr, Utah State University.
- [28] Drugova, T., Curtis, K. and **Kim, M-K.** 2021. *Impacts of Drought on Tribal Economies in Nevada*, USU Extension Fact Sheet, Applied Economics/2020-02pr, Utah State University.
- [27] Drugova, T., Curtis, K. and **Kim, M-K.** 2021. *Impacts of Drought on Tribal Economies in New Mexico*, USU Extension Fact Sheet, Applied Economics/2020-03pr, Utah State University.
- [26] Drugova, T., Curtis, K. and **Kim, M-K.** 2021. *Impacts of Drought on Tribal Economies in Arizona*, USU Extension Fact Sheet, Applied Economics/2020-04pr, Utah State University.
- [25] Kim, D-W., **Kim, M-K.**, Park, J-H., Ryu, J-Y., and Chang, Y. 2020. *A Study on the Development of Two-way REC Market Surveillance Technique*, Korea Power Exchange. May 2020.
- [24] **Kim, M-K.**★ 2020. *Effects of Drought on National Park Visitation and Regional Economies in Southern Utah*, Utah Division of Water Resources (UDW) and National Integrated Drought Information System (NIDIS), National Oceanic and Atmospheric Administration (NOAA). May 2020.
- [23] Drugova, T., **Kim, M-K.**★, and Openshaw, F.* 2020. *Drought Impacts on Cattle Industry in Intermountain West*, Utah Division of Water Resources (UDW) and National Integrated Drought Information System (NIDIS), National Oceanic and Atmospheric Administration (NOAA). April 2020.
- [22] Luecke, C., Belmont, P., Darnell, C., Lamm, A., Guth, J., Bair, M., Givens, J., Jensen, S., **Kim, M-K.**, Davies, R., Licon, C., Malcolm, B., Reeve, J., Cook, Z., Holt, M., and Klain, S. 2020. *USU Greenhouse Gas Reduction Committee - Final Report*. USU Greenhouse Gas Reduction Committee, Utah State University, Logan, UT, January 2020.
- [21] Kim, D-W., **Kim, M-K.**, and Bang, S-H. 2019. *Study on Improving the Frequent-Flyer Program (FFP) of Airlines in Korea*. Korea Academic Society of Industrial Organization, Submitted to the Korea Fair Trade Commission (KFTC), September 2019.
- [20] Kim, D-W, Kim, K-I., and **Kim, M-K.** 2019. *Quantitative Study on Baseload Electricity Pricing Reform*. Korea Academic Society of Industrial Organization, Submitted to the Korea Iron & Steel Association (KOSA), April 2019.
- [19] Jakus, P.M., **Kim, M-K.**, Martin, R.C., Hammond, I., Hammill, E., Mesner, N., and Stout, J. 2017. *Wildfire in Utah: The Physical and Economic Consequences of Wildfire*. Utah State University, Prepared for Utah Department of Agriculture and Food (UDAF), November 2017.
- [18] Mjelde, J.W., Dudensing, R., Brooks, J., Battista, G., Carrillo, M., Council, B., Giri, A., **Kim, M-K.**, Pyrialakou, V.D., and Ullerich, S. 2017. *Economics of Transportation Research Needs for Rural Elderly and Transportation Disadvantaged Populations*. White Paper Submitted to the United States Department of Agriculture, National Institute of Food and Agriculture. Washington, D.C. March 2017.
- [17] Lamborn, C.C., Burr, S.W., **Kim, M-K.**, and Kessler, B. 2015. *2014-2015 Central Wasatch Visitor Use Study: Follow-Up E-Survey – Final Report*. Institute for Outdoor Recreation and Tourism (IORT), Utah State University, July 2015.

- [16] **Kim, M-K.*** 2015. *Can Biomass Co-firing Boost the Rural Economy in Utah?* Utah Agricultural Experiment Station Grants Program – Final Report, Utah Agricultural Experiment Station (UAES), June 2015.
- [15] **Kim, M-K.*** 2013. *Impacts of Carbon Sequestration Incentive and Biofuel Mandates on Land Use in Utah.* Utah Agricultural Experiment Station Grants Program – Final Report, Utah Agricultural Experiment Station, June 2013.
- [14] **Kim, M-K.***, and Jakus, P.M. 2013 *The Economic Contribution and Benefits of Utah's Blue Ribbon Fisheries.* Center for Society, Economy, and the Environment (CSEE), Research Report No.4, Prepared for Utah Division of Wildlife Resources (UDWR).
- [13] Ward, R.A., **Kim, M-K.**, Jakus, P.M., and Feuz, D.M. 2012. *An Economic Analysis of Time Control Grazing in Three Creeks, Rich County, Utah.* Department of Applied Economics, Utah State University, Prepared for Utah Department of Agriculture and Food, November 2012.
- [12] Harris, T.R., Dick, R.M., **Kim, M-K.**, and Oliver, A.* 2011. *Economic Analysis of Waste Recycling Options for Washoe County.* UCED 2009/10-11, University Center for Economic Development (UCED), University of Nevada-Reno, March 2011.
- [11] Alevy, J.E., Englin, J., Harris, T.R., **Kim, M-K.**, Li, Y.*, Price, M.K., and Schubert, J. 2009. *BLM Wild Horse and Burro Policy: Auction Design and Horse Park Feasibility Study.* University Center for Economic Development (UCED), University of Nevada-Reno, July 2009.
- [10] Sands, R., Brady, M., and **Kim, M-K.** 2009. *Survey of Land Representation in Economic and Biophysical Models.* GTAP Resource 3019, Global Trade Analysis Project, Purdue University, West Lafayette, IN.
- [9] Curtis, K.R., Bishop, C.D.*, Emm, S., Kobayashi, M., Harris, T.R., and **Kim, M-K.** 2008. *Economic Analysis of Water Conservation Practices for Agricultural Producers in the Walker River Basin.* University Center for Economic Development (UCED) publication 2008/09-06, University of Nevada-Reno.
- [8] Kim, C-G., Kim, B-S., Kim, T-Y., **Kim, M-K.**, Lee, S-G., and Anderson, J. 2008. *Strategies to Comply the Kyoto Protocol in Korean Agricultural Sector.* D251, Korea Rural Economic Institute (KREI), Seoul, Korea.
- [7] Kim, C-G., Lee, S-G., **Kim, M-K.**, and Anderson, J. 2007. *Strategies of Complying Kyoto Protocol in Selective Countries in Agricultural Sector.* D229, Korea Rural Economic Institute (KREI), Seoul, Korea, December [In Korean].
- [6] Kim, C-G., Kim, B-S., Kim, T-Y., **Kim, M-K.**, Lee, S-G., and Anderson, J. 2007. *Measures to Comply with Kyoto Protocol in Agricultural Sector.* R541, Korea Rural Economic Institute (KREI), Seoul, Korea, December [In Korean].
- [5] Sands, R.D., Miller, S., and **Kim, M-K.** 2005. *The Second Generation Model: Comparison of SGM and GTAP Approaches to Data Development.* PNNL-15467, Joint Global Change Research Institute (JGCRI), Pacific Northwest National Laboratory (PNNL).
- [4] Jun, C-G., Lee, Y-S., Jung, J-M., Kim, C-M., and **Kim, M-K.** 1999. *A Study of Efficient Entry Strategy into Wholesale Market.* RP11883, Korea Rural Economic Institute (KREI), Seoul, Korea, June. [In Korean]
- [3] Choi, S-K., Lee, J-O., Er, M-K., and **Kim, M-K.** 1998. *Tariff Structure in the Agriculture and Food Sector.* RP10869, Korea Rural Economic Institute (KREI), Seoul, Korea, December. [In Korean]
- [2] Han, D-B., **Kim, M-K.**, and Cho, B-H. 1998. *Conservation and Rehabilitation of Wildlife Habitat for Coexistence of Man with Nature.* Report of Development Technology for the Wildlife Habitat in Korean Rural Area, Ministry of Environment, Seoul, Korea, February. [In Korean]

- [1] Han, D-B. and **Kim, M-K.** 1997. *Policy Trend of Food Safety*. FARP Report 54, Forum on Agriculture Research and Policy (FARP), Seoul, Korea. [In Korean]

Book Chapters and Proceedings

- [5] Sands, R.D. and **Kim, M-K.** 2009. Modeling the Competition for Land: Methods and Application to Climate Policy. Edited by T. Hertel, S. Rose and R. Tol. *Economic Analysis of Land Use in Global Climate Change Policy*, Routledge, April, 2009: Also, GTAP Working Paper No. 45, 2008
- [4] Sands, R.D. and **Kim, M-K.** 2008. Modeling the Competition for Land: Methods and Application to Climate Policy. GTAP Working Paper 2606, Center for Global Trade Analysis, Department of Agricultural Economics, Purdue University.
- [3] **Kim, M-K.** and McCarl, B.A. 2008. Carbon Sequestration and Its Trading. *Measures to Climatic Change in the Agricultural Sector*. Rural Development Administration (RDA), (Korea) National Institute of Agricultural Science and Technology (NIAST) Seoul, Korea, September 2008.
- [2] McCarl, B.A., Murray, B.C., **Kim, M-K.**, Lee, H-C., Sands, R.D., and Schneider, U.A. 2007. Insight from EMF-associated Agricultural and Forestry Greenhouse Gas Mitigation Studies. Edited by Schlesinger, M., Kheshgi, H., Smith, J., de la Chesnaye, F., Reilly, J., Wilson, T., and Kolstad, C. *Human Induced Climate Change: An Interdisciplinary Assessment*, Cambridge University Press, November, 2007.
- [1] Han, D-B and **Kim, M-K.** 1997. Economic Impacts of Health Risk Information: A Case Study of BSE in Korea. *The Korea International Economic Association Winter Conference Proceeding: 747-768*. [In Korean]

Presentations

(Kim's students are marked with *)

(Non peer reviewed presentation are marked with +)

Peer Reviewed Presentations

- [56] Wang, Z.* , Chung, A., Takagi, C., and **Kim, M-K.** 2022. Uncover Drivers Influencing Consumer WTP Using Machine Learning: Case of Coffee in Taiwan, Selected paper presented at 2022 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Anaheim, CA (July 30-August 2).
- [55] Wang, Z.* and **Kim, M-K.** 2022. Tax Revenue and Expenditure Nexus with Panel VAR Approach, Selected paper presented at 2022 Western Regional Science Association (WRSA) Annual Meeting, Scottsdale, AZ (February 17-20).
- [54] Wang, Z* , Chung, A., Takagi, C. and **Kim, M-K.** 2021. Uncover Drivers Influencing Consumer WTP Using Machine Learning: Case of Coffee in Taiwan. Paper presented at 2021 Lecture Series in Department of Applied Economics at National Chung Hsing University, Taichung City, Taiwan (December 23)+.
- [53] Chicola, R. **Kim, M-K.**, Hu, W., and Harris, T. 2021. Joint Prediction and Simulation of Labor Force and Fiscal Conditions of Nevada Counties: Evidence from Nielsen Consumer Panel Data. Selected paper presented at 2021 Southern Economic Association (SEA) Annual Meeting, Houston, TX (November 20-22).
- [52] Drugova, T., Curtis, K., and **Kim, M-K.** 2021. Drought Impacts on Tribal Economies in the US Southwest. Selected paper presented at 2021 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Austin, TX (August 1-3).

- [51] Tejada, H.A., Wang, Z.* and **Kim, M-K.** 2021. Cheese Prices Whiplash: COVID-19, Exports and Government Programs, Selected poster presented at 2021 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Austin, TX (August 1-3).
- [50] Drugova, T., Curtis, K. and **Kim, M-K.** 2020. Impacts of Drought on Tribal Economies, Selected paper presented at 2020 Food Distribution Research Society (FDRS) Annual Meeting, Online (October 2020).
- [49] Vivas, J.*, Takagi, C., Kirimi, L., and **Kim, M-K.** 2020. Adopting African Indigenous Vegetables: A Dynamic Panel Analysis of Smallholder Farmers in Kenya, Selected poster presented at 2020 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Online (August 10-11).
- [48] Pisarn, P.J.*, **Kim, M-K.** and Yang, S-H. 2020. An Acceptable CSA Program in Taiwan: A Case Study of Integrating Farmers' Market, Selected poster presented at 2020 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Online (August 10-11).
- [47] Tejada, H.A. and **Kim, M-K.** 2020. Implicit Cost of Retaliatory Tariffs by Mexico on U.S. Cheese Exports, Selected poster presented at 2020 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Online (August 10-11).
- [46] Van Order, C.*, Willis, B., Bosworth, R., Larsen, R., McCarty, T., and **Kim, M-K.** 2020. Potential Weather Data Anomalies and the USDA's Pasture, Rangeland, and Forage Insurance Program, Selected paper presented at 2019 Western Agricultural Economics Association (WAEA) Annual Meeting, Coeur d'Alene, ID (June 30-July 2).
- [45] Drugova, T., **Kim, M-K.**, and Jakus, P.M. 2019. Visitor Congestion and Marketing of National Parks. Paper presented at 2019 Lecture Series in Department of Applied Economics at National Chung Hsing University, Taichung City, Taiwan (October 17)+.
- [44] Tejada, H.A. and **Kim, M-K.** 2019. How Much Does Oversupply Weaken Cheese Prices? Selected poster presented at 2019 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Atlanta, GA (July 21-23).
- [43] Drugova, T., **Kim, M-K.**, and Jakus, P.M. 2019. Selling Utah: How much the Mighty 5 Helps Boost Tourism and Utah Economy? Paper presented at 2019 Lecture Series in Department of Applied Economics at National Chung Hsing University, Taichung City, Taiwan (June 14)+.
- [42] Drugova, T., **Kim, M-K.**, and Jakus, P.M. 2019. Visitor Congestion and Marketing of National Parks. Paper presented at 2019 W-4133 Regional Project Meeting, Albuquerque, NM (March)+.
- [41] Drugova, T.*, **Kim, M-K.**, and Jakus, P.M. 2019. Selling Utah: How much the Mighty 5 Helps Boost Tourism and Utah Economy? Selected paper presented at 2019 Western Regional Science Association (WRSA) Annual Meeting, Napa, CA (February 10-13).
- [40] **Kim, M-K.** and Tejada, H.A. 2018. Impact of Alfalfa Exports Surge on Dairy and Feed Markets in California. Selected paper presented at 2018 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Washington DC (August 5-7).
- [39] Tejada, H.A. and **Kim, M-K.** 2018. Dynamic Price Relationships and Price Discovery among Cheese Markets. Selected paper presented at 2018 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Washington DC (August 5-7).
- [38] Tejada, H.A. and **Kim, M-K.** 2018. Identifying the Dynamic Structure of the Cheese Markets. Selected paper presented at 2018 Western Agricultural Economics Association (WAEA) Annual Meeting, Anchorage, AK (June 24-26).

- [37] Tejada, H.A., **Kim, M-K.**, and Wright, J.* 2018. Dynamic Price Discovery among Regional U.S. Fed Cattle Markets. Selected paper presented at NCCC-134: Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management. Minneapolis, MN (April 16-17).
- [36] Peralta, D.J.* and **Kim, M-K.** 2018. Big-box Retailers, Retail Employment and Wage. Selected paper presented at 2018 Western Regional Science Association (WRSA) Annual Meeting, Pasadena, CA (February 11-14).
- [35] **Kim, M-K.** and Jakus, P.M. 2017. Effects of Wildfire on National Park Visitation and Regional Economic Impacts. Selected paper presented at 2017 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Chicago, IL (July 30-August 1).
- [34] Go, D-H.*, Pang, A., Tejada, H.A., and **Kim, M-K.** 2017. Impact of the Great East Japan Earthquake on Inbound Tourism Demand across Counties: Identifying Similarities and Differences. Selected paper presented at 2017 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Chicago, IL (July 30-August 1).
- [33] Tejada, H.A. and **Kim, M-K.** 2017. Identifying Dynamic Relationships and Market Structures among U.S. Dairy Commodity Prices. Selected paper presented at 2017 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Chicago, IL (July 30-August 1).
- [32] Wright, J.*, **Kim, M-K.**, and Tejada, H.A. 2017. A Tournament Approach to Price Discovery in the U.S. Cattle Market. Selected paper presented at 2017 Western Agricultural Economics Association (WAEA) Annual Meeting, Lake Tahoe, NV (July 9-11).
- [31] **Kim, M-K.** and Tejada, H.A. 2017. Regional Short-run Supply Responses in the U.S. Cattle Industry. Selected paper presented at 2017 Western Agricultural Economics Association (WAEA) Annual Meeting, Lake Tahoe, NV (July 9-11).
- [30] Tejada, H.A., **Kim, M-K.**, and Kim, T.* 2017. Spatial Effects of Supplementary Coverage in the Dairy Margin Protection Program. Selected paper presented at SCC-76 Economics and Management of Risk in Agriculture and Natural Resources, Pensacola, FL (March 30-April 1).
- [29] Jakus, P.M., Hammill, E., **Kim, M-K.**, Martin, R.S., and Mesner, N. 2016. The Physical and Economic Consequences of wildfire in Utah. Commission for the Stewardship of Public Lands, Utah Legislature, Cedar City, UT (December 20)+.
- [28] **Kim, M-K.**, Ukkestad, C.M.*, Tejada, H.A., and Bailey, D. 2016. Benefits of Animal Traceability Systems for a Foot-and-Mouth Disease in Utah – Supply-Driven Social Accounting Matrix Approach. Selected poster presented at Traceability Symposium 2016, Calgary, Alberta, Canada (November 2-3).
- [27] **Kim, M-K.**, Tejada, H.A., and Wright, J.* 2016. Price Discovery in US and World Rice Markets using Tournament Approach. Selected paper presented at 2016 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Boston, MA (July 31-August 2).
- [26] Peralta, D.J.* and **Kim, M-K.** 2016. Big-box Retailers and Regional Income Growth. Selected paper presented at 2016 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Boston, MA (July 31-August 2).
- [25] **Kim, M-K.**, Tejada, H.A., and Yu, T-H. 2016. Dynamic and Spatial Relationships in US Rice Markets. Selected paper presented at 2016 Southern Agricultural Economics Association (SAEA) Annual Meeting, San Antonio, TX (February 6-9).
- [24] Tejada, H.A., **Kim, M-K.**, and Feuz, D.M. 2015. Dynamic Relationships and Price Discovery of Western Alfalfa Markets. Selected paper presented at 2015 Agricultural and Applied Economics Association (AAEA) & Western Agricultural Economics Association (WAEA) Joint Annual Meeting, San Francisco, CA (July 26-28).

- [23] Kim, T.* and Kim, M-K. 2015. Moral Hazard in Prevented Planting and Late Planting. Selected paper presented at 2015 Agricultural and Applied Economics Association (AAEA) & Western Agricultural Economics Association (WAEA) Joint Annual Meeting, San Francisco, CA (July 26-28).
- [22] Kim, M-K. and Kim, T.* 2015. Estimating Impact of Regional Greenhouse Gas Initiative on Coal to Gas Switching using Synthetic Control Methods. Presented at 2015 Western Economics Association International (WEAI) Annual Meeting, Honolulu, HI (June 28-July 2).
- [21] Kim, M-K. and Tejada, H.A. 2014. Post Livestock Mandatory Price Reporting: An Assessment of Effects on Cattle Cash Prices. Selected poster presented at 2014 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Minneapolis, MN (July 27-29).
- [20] Crabb, B.*, and Kim, M-K. 2014. Effect of Road Miles on Tourism Employment Growth in Colorado: Use of Geospatial Data. Selected paper presented at 2014 Western Agricultural Economics Association (WAEA) Annual Meeting, Colorado Springs, CO (June 22-24).
- [19] Kim, M-K. and Paudel, B.* 2013. Biomass Co-firing: Feasibility and Co-benefits in Utah. Selected paper presented at 2013 Western Agricultural Economics Association (WAEA) Annual Meeting, Monterey, CA (June 26-28).
- [18] Kim, M-K. 2013. Economic Impact and Benefits of Utah's Blue Ribbon Fisheries. Selected paper presented at 2013 Utah Chapter of the American Fisheries Society (UTAFS) Annual Meeting, Page, AZ (March).
- [17] Kim, M-K., Pang, A., and Bao, W.* 2013. Addressing Endogeneity of Casino, Crime and Regional Economy. Selected paper presented at 2013 Western Regional Science Association (WRSA) Annual Meeting, Santa Barbara, CA (February 24-27).
- [16] Kim, M-K. 2012. Economic Impact and Benefits of Utah's Blue Ribbon Fisheries. Presented at Blue Ribbon Fisheries Advisory Council Meeting, Utah Division of Wildlife Resources, Salt Lake City, UT (September)+.
- [15] Kim, M-K. 2012. Economic Impact and Benefits of Utah's Blue Ribbon Fisheries. Selected paper presented at 2012 Utah Chapter of the American Fisheries Society (UTAFS) Annual Meeting, Bullfrog, UT (March).
- [14] Kim, M-K. and Yu, T-H. 2011. Dynamic Interaction between Economic Indicators and SO₂ Emission in the U.S. Selected poster presented at 2011 Agricultural and Applied Economics Association (AAEA) & Northeastern Agricultural and Resource Economics Association (NAREA) Joint Annual Meeting, Pittsburgh, PA (July 24-26).
- [13] Kim, M-K., and Pang, A. 2011. Impact of Regulating Greenhouse Gas Emissions on US Cattle Industry and Trade Competitiveness. Selected poster presented at 2011 Agricultural and Applied Economics Association (AAEA) & Northeastern Agricultural and Resource Economics Association (NAREA) Joint Annual Meeting, Pittsburgh, PA (July 24-26).
- [12] Zhu, E.*, Kim, M-K., and Harris, T.R. 2011. Modeling US Counties' Innovation Capacity with a Focus on Natural Amenities. Selected poster presented at 2011 Agricultural and Applied Economics Association (AAEA) & Northeastern Agricultural and Resource Economics Association (NAREA) Joint Annual Meeting, Pittsburgh, PA (July 24-26).
- [11] Kim, M-K., Harris, T.R., Zhu, E.*, Alevy, J.E., Maher, A., and Tanaka, J. 2009. Grazing Allotment and Stochastic Wildfire: Cost of Wildfire in Southeast Oregon. Selected paper presented at the Fourth National Conference on Grazing Lands, Sparks, NV (December 13-16).

- [10] **Kim, M-K.** and Harris, T.R. 2009. Marginal Effect of Clustering on the United States Biotechnology Industry. Selected paper presented at 2009 Annual North American Meetings of the Regional Science Association International, San Francisco, CA (November 18-21).
- [9] **Kim, M-K.**, Harris, T.R., Zhu, E.*, and Alevy, J.E. 2009. Regional Economic Impact of Wildfire: Case Study of Southeast Oregon Cattle Ranching Business. Selected paper presented at 2009 Annual North American Meetings of the Regional Science Association International, San Francisco, CA (November 18-21).
- [8] Alevy, J.E., Englin, J., Harris, T.R., **Kim, M-K.**, Li, Y.*, Price, M.K., and Schubert, J. 2009. BLM Wild Horse and Burro Policy: Investigation and Design of Horse Auctions. Presented at the Workshop for Walker Basin Projects, Yerington, NV (July)+.
- [7] Sands, R., Brady, M., and **Kim, M-K.** 2009. Survey of Land Representation in Economic and Biophysical Models. Paper presented at the 12th Annual Conference on Global Economic Analysis, Santiago, Chile (June 10-12).
- [6] Zhu, E.*, **Kim, M-K.**, and Harris, T.R. 2009. Input-Output Analysis, Linear Programming and Modified Multipliers. Selected paper presented at the 2009 Southern Agricultural Economics Association (SAEA) Annual Meeting, Atlanta, GA (January 31-February 3).
- [5] **Kim, M-K.** and Harris, T.R. 2008. An Efficiency Analysis of Nevada and Utah Counties: Region Size Leads Regional Efficiency. Selected paper presented at the 2008 American Agricultural Economics Association (AAEA) Annual Meeting, Orlando, FL (July 27-29).
- [4] Lee, A.C., and **Kim, M-K.** 2007. Fed Cattle Price Discovery: Directed Acyclic Graph and Time Series Modeling. Selected paper presented at the 2007 American Agricultural Economics Association (AAEA) Annual Meeting, Portland, OR (July 29-August 1).
- [3] **Kim, M-K.**, McCarl, B.A., and Butt, T.A. 2005. Uncertainty Discounting for Land-Based Carbon Sequestration. Selected paper presented at the International Policy Forum on Greenhouse Gas Management, Victoria, British Columbia, Canada (April 28-29).
- [2] **Kim, M-K.**, McCarl, B.A., and Murray, B.C. 2005. Permanence Discounting for Land-Based Carbon Sequestration. Presented at the Third USDA/CASMGS Symposium, Greenhouse Gas and Carbon Sequestration in Agriculture and Forestry, Baltimore, MD (March 21-24)+.
- [1] **Kim, M-K.** 2004. Additionality in Agricultural Greenhouse Gas Emission Offset. Presented at the Economists' Meeting at the Energy Agriculture Forum in CASMGS Forum, College Station, TX (January)+.

Grant Activities as PI/Co-PI

Funded total of \$5.09 million (\$4.61 million since 2010 when Kim arrived at USU); Kim has been participated in various interdisciplinary projects as an applied economist.

- [23] *Economic Contribution of Utah Energy and Natural Resource Sectors* with McCarty, T. and Evans, J. [Utah Office of Energy Development, Utah] December 2021 - July 2022: \$93,935.
- [22] *Cultural Ecosystem Services of Agriculture in Nantou County in Taiwan: Preparatory Research for the Ministry of Science and Technology (MOST) Grant* with Takagi, C. (National Chung Hsing University, NCHU), Chen, W-C. (NCHU) and Chao, K-J. (NCHU) [Engineering in Agriculture Biotech Leadership (ENABLE) Center, National Chung Hsing University, Taiwan] January 2021 - December 2021: \$24,000 (USU portion = \$0).

- [21] *The Economic Impact of the Utah Green Industry* with Rupp, L. [Utah Department of Agriculture and Food (UDAF) and Utah Nursery and Landscape Association (UNLA)] September 2020 - March 2021: \$10,000.
- [20] *American Indian Small to Medium-Sized Farms Profitability and Risk Related to Reservation Land Access* with Ward, R., Curtis, K., Emm, S. (Univ. of Nevada, Reno), Teegerstrom, T. (Univ. of Arizona) [USDA-NIFA-AFRI] October 2020 - September 2023: \$500,000.
- [19] *American Indian Entrepreneurship for Rural Economic Development* with Ward, R., Emm, S. (Univ. of Nevada, Reno), Teegerstrom, T. (Univ. of Arizona) [USDA-NIFA-AFRI] June 2020 - May 2023: \$500,000.
- [18] *From Compost Carryover to Compost Legacy: Intercropping and Compost Effects on Yield, Quality, and Soil Health in Organic Dryland Wheat* with Reeve, J., Creech, E., Burke, I., Carr, P., Curtis, K., Eberle, C., Jacobson, A., Larsen, R., Norton, J., Norton, U., Yost, M. [USDA-NIFA-AFRI] September 2019 – August 2023: \$1,919,855.
- [17] *Assess Drought Impacts for Utah, Phase II* with Larsen, R. [National Integrated Drought Information System (NIDIS), NOAA] May 2019 – February 2020: \$29,815.
- [16] *Hands-on Educational Workshops to Improve Risk Management and Financial Decision-Making for Dairy Farmers in the Western Region* with Tejada, H. (Univ. of Idaho), Ferreira, G. (Virginia Tech), Westerhold, A (Univ. of Idaho), Chahine, M. (Univ. of Idaho), Larsen, R. [Western Extension Risk Management Education] April 2019 – September 2020: \$49,998. – USU Portion: \$12,000.
- [15] *Assess Drought Impacts for Utah, Phase I* with Ward, R., Curtis, K., Larsen, R. [Utah Division of Water Resources] February 2019 – February 2020: \$26,444.
- [14] *Scenario Analysis of Ecosystem Services of Agricultural Land along the Wasatch Front, Utah* with Reeves, J., Caplan, A., Dyreson, C., MacAdam, J. [Utah Agricultural Experiment Station (UAES) Seed Grant]: July 2018 – June 2020: \$61,545.
- [13] *Physical and Economic Consequences of Reducing the Probability of Wildfire in Utah* with Jakus, P.M., Hammill, E., Martin, R.S., and Mesner, N. [Utah Department of Agriculture and Food] July 2016 – June 2017: \$160,094.
- [12] *Tannin-containing Legume in Pasturelands and their Ecological Services* with Villalba, J., MacAdam, J.W., Reeve, J., Norton, J.M., Brain, R., Caplan, A., and Karen, B. [USDA-NIFA-AFRI] June 2016 – May 2020: \$499,884.
- [11] *Improving Tart Cherry Sustainability* with Black, B., Ward, R.A. [Western SARE] March 2015 – December 2018: \$230,154.
- [10] *Legume-finished Beef: Achieving Current Production with Greatest Environmental, Economic and Social Sustainability* with Villalba, J., MacAdam, J., and Burritt, B. [USDA-NIFA-AFRI], January 2016 – December 2017: \$150,000.
- [9] *Utah Agricultural Economic Model and Baseline Projection to Guide Utah Agriculture** with Jakus, P.M. [Utah Agricultural Experiment Station (UAES) Seed Grant] June 2014 – May 2016: \$19,683
- [8] *Biomass and Regional Economic Impact* [Utah Agricultural Experiment Station (UAES) Seed Grant] June 2013 – May 2015: \$19,649.
- [7] *Economic Benefit of Blue Ribbon Fisheries in Utah* with Jakus, P. [Utah Department of Wildlife Resources] November 2011 – August 2012: \$27,617.

- [6] *An Economic Analysis of Time and Control Grazing in Three Creeks, Rich County, Utah* with Ward, R.A., Jakus, P.M. and Feuz, D. [Utah Department of Agriculture and Food] 2011: \$41,792.
- [5] *The Impact of Biofuel Mandates and Rural Economic Development: Impact on Land Use and Land-Use Change in Rural Area in Utah* [Utah Agricultural Experiment Station (UAES) Seed Grant] June 2011 – May 2013: \$19,540.
- [4] *Food and Agricultural Policy Research Institute (FAPRI) Baseline Projection* with Thawley, D., Harris, T.R., Johnson, S.R., and Narayanan, R. [U.S. Senate and House of Agricultural Committee] July 2010 – June 2011: \$150,000.
- [3] *Food and Agricultural Policy Research Institute (FAPRI) Baseline Projection* with Thawley, D., Harris, T.R., Johnson, S.R., and Narayanan, R. [U.S. Senate and House of Agricultural Committee] July 2009 – June 2010: \$150,000.
- [2] *Food and Agricultural Policy Research Institute (FAPRI) Baseline Projection* with Thawley, D., Harris, T.R., Johnson, S.R., and Narayanan, R. [U.S. Senate and House of Agricultural Committee] July 2008 – June 2009: \$150,000.
- [1] *Institutional Design for Resource Allocation and Risk Sharing among Private and Public Sector Agents to Manage Invasive Annual Grasses and Wildfire in the Great Basin* with Rollins, K. Kobayashi, M., Evans, M., Melkonyan, T., and Englin, J. [US Department of Agriculture, PREISM] 2008 – 2011: \$178,000.