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EDUCATION

Ph.D. Agricultural Economics, Kansas State University, Manhattan, Kansas
Fields: Production Economics, Agricultural Marketing, Econometrics, Microeconomic and Macroeconomic Theory.
Dissertation: *The Value of Water Rights in the Rattlesnake Sub-basin: A Spatial-Hedonic Analysis.*
Graduated May 2005; G.P.A. 3.8/4.0 scale

MAB Agricultural Economics, Kansas State University, Manhattan, Kansas
Fields: Economics and Business
Thesis: *The Impact of Downstream Firm Exit on the Texas Rice Market*
Graduated December 2001; G.P.A. 4.0/4.0 scale

BS Agricultural Engineering, Texas A & M University, College Station, Texas
Graduated May 1973; G.P.A. 3.95/4.0 scale: Graduated *summa cum laude*

RELEVENT EXPERIENCE

August, 2006 – Present: Research Assistant Professor, Department of Agriculture Economics, Kansas State University.

December, 2005 – August, 2006: Independent Research Economist, Stephenville, Texas.

March, 2005 – December, 2005: Research Economist, Center for Agribusiness Excellence, Tarleton State University, Stephenville, Texas.

May, 2002 – March, 2005: Extension Assistant, Land Use Value Project, Kansas State University

December, 1983 – January, 2002: Owner and General Manager of Farming Operation and Implement Dealership, Bay City, Texas.

December, 1976 – January, 1983: Multiple Capacities, Valmont Industries, Omaha, Nebraska

PEER REVIEWED PUBLICATIONS

Tsoodle, L., **B. Golden,** and A. Featherstone. "Factors Influencing Kansas Agricultural Farm Land Values." *Land Economics*. February, 2006. 82(1): 124-139.

Golden, B., L. Tsoodle, O. Odeh, and A. Featherstone. "Determinants of Agricultural Economic Faculty Salaries: A Quarter of a Century Later." *Review of Agricultural Economics*. Summer 2006.26(2): 254-261.

Tsoodle, L.J., A. M. Featherstone, and **B. Golden.** "Combining Hedonic and Negative Exponential Techniques to Estimate the Market Value of Land." *Agricultural Finance Review*. Fall 2007, 67(2): 225-239.

Boland, Michael A., **B. Golden,** and Leah J. Tsoodle. "Agency Theory Issues in the Food Processing Industry." *Journal of Agriculture and Applied Economics*. 2008, 40(2): 623-634.

Wheeler, E., **Golden, B**., Johnson, J., and Peterson, J. "Efficiency of Long-Term vs. Short-Term Water Rights Buyout." *Journal of Agricultural and Applied Economics*. Vol. 40(2): 493-501 (2008).

Johnson, J., P. Johnson, B. Guerrero, J. Weinheimer, S. Amosson, B. Golden, and E. Wheeler-Cook. "Groundwater Policy Research: Collaboration with Groundwater Conservation Districts in Texas." *Journal of Agricultural and Applied Economics*. Vol. 43(3): 345-356 (2011).

Golden, B., and Johnson, J. (2013). Potential economic impacts of water-use changes in southwest kansas. Journal of Natural Resources Policy Research, 5(2-3), 129-145.

Tewari, R., L. Almas, J. Johnson, **B. Golden**, S. Amosson, and B. Guerrero. "Multi-Year Water Allocation: An Economic Approach towards Future planning and Management of Declining Groundwater Resources in the Texas Panhandle." Texas Water Journal, 5.1(January 2014):1-11.

Golden, B., and Leatherman, J. (2017). "Impact Analysis of the Walnut Creek Intensive Groundwater Use Control Area" The Journal of Regional Analysis and Policy, 47(2), 176–187.

Golden, B., and B. Guerrero. "The Economics of Local Enhanced Management Areas in Southwest Kansas." Universities Council on Water Resources Journal of Contemporary Water Research and Education. 162(December 2017):100-111. http://ucowr.org/files/Journal/Issues/162/162_Golden_and_Guerrero.pdf

Vestal, M., B. Guerrero, **B. Golden**, and L. Harkey. 2017. "The Impact of Discount Rate and Price on Intertemporal Groundwater Models in Southwest Kansas." Journal of Water Resource and Protection 9, 745-759. https://doi.org/10.4236/jwarp.2017.97049.

Lauer, S., M. Sanderson, D. Manning, J.F. Suter, R. Hrozencik, B. Guerrero and **B. Golden**. "Values and groundwater management in the Ogallala Aquifer region". *Journal of Soil and Water Conservation* 2018 73(5):593-600

Araya A., P. Gowda, **B. Golden**, A.J. Foster, J. Aguilar, R. Currie, I. Ciampitti. **"**Economic value and irrigation water productivity of major crops in the Ogallala aquifer region of southwestern Kansas". *Agricultural Water Management.* 214(April, 2019): 55-63.

Deines, Jillian & Schipanski, Meagan & **Golden, Bill** & Zipper, Samuel & Nozari, Soheil & Rottler, Caitlin & Guerrero, Bridget & Sharda, Vaishali. (2020).Transitions from irrigated to dryland agriculture in the Ogallala Aquifer: Land use suitability and regional economic impacts. Agricultural Water Management. 233. 10.1016/j.agwat.2020.106061.

Reynolds, S., B. Guerrero, **B. Golden**, S. Amosson, T. Marek, and J. Bell "Economic Feasibility of Conversion to Mobile Drip Irrigation in the Central Ogallala Region." *Irrigation Science* (March 2020). https://doi.org/10.1007/s00271-020-00667-2.

Sukcharoen, K., **B. Golden**, M. Vestal, and B. Guerrero. 2020. "Do Crop Price Expectations Matter? An Analysis of Groundwater Pumping Decisions in Western Kansas." *Agricultural Water Management*, January 2020, 231(106021):1-8. https://doi.org/10.1016/j.agwat.2020.106021.

Phetheet, Hill, M., Barron, R., Gray, B., Wu, H., Amanor-Boadu,V., Heger,W., Kisekka,I. , **Golden,B**., and M. Rossi. "Relating agriculture, energy, and water decisions to farm incomes and climate projections using two freeware programs, FEWCalc and DSSAT". *Agricultural Systems*, Volume 193, 2021, 103222, ISSN 0308-521X, https://doi.org/10.1016/j.agsy.2021.103222.(https://www.sciencedirect.com/science/article/pii/S0308521X2100175X)

Steiner, J.L.; Devlin, D.L.; Perkins, S.; Aguilar, J.P.; **Golden, B.**; Santos, E.A.; Unruh, M. "Policy, Technology, and Management Options for Water Conservation in the Ogallala Aquifer in Kansas, USA". Water 2021, 13, 3406. https:// doi.org/10.3390/w13233406

Alegría, O., S. Zipper, H. Shin, J. Deines, N. Hendricks, J. Allen, G. Bohling, B. Golden, B. Griggs, S. Lauer, C. Lin, L. Marston, M. Sanderson, S. Smith, D. Whittemore, B. Wilson, D. Yu, Q. Yu, J. Butler. "Unlocking aquifer sustainability through irrigator-driven groundwater conservation". *Nature Sustainability* (2024). https://doi.org/10.1038/s41893-024-01437-0

Castaño-Sánchez, J., C. Rotz, J. Steiner, B. Golden, S. Spiegal. "Farmer driven water conservation policy on the Ogallala aquifer reduces the environmental footprints of crop production". Agricultural Water Management, Volume 310, 2025,109370, ISSN 0378-3774 https://www.sciencedirect.com/science/article/pii/S0378377425000848

Lambert, D., B. Golden, L. Lambert, and B. Guerrero. "The Impacts of a Local Enhanced Management Area on Groundwater Use for Crop Production." Journal of Agricultural and Resource Economics. https://ideas.repec.org/a/ags/jlaare/358997.html

GRANTS AND CONTRACTS

Golden, B., and A Featherstone. "Spatial Equity in Use Value Assessment." Grant proposal submitted to the Lincoln Institute of Land Policy. Competitively selected in June, 2004.

Golden, B., T. Kastens, K. Dhuyvetter, and J. Peterson. "Developing an Economic Tool to Predict the Value of Water Rights." Grant proposal submitted to the Kansas Water Resource Institute. Competitively selected in October, 2004.

Peterson, J., and **B. Golden**. "Evaluation of Water Conservation from More Efficient Irrigation Systems," Grant proposal submitted to the Kansas Water Office. Competitively selected in January 2005.

Leatherman, J., **B. Golden**, A. Featherstone, T. Kastens, and K. Dhuyvetter. "Regional Economic Impacts of the Conservation Reserve Enhancement Program in the Upper Arkansas River Basin." Contract proposal submitted and accepted by the Kansas Water Office. January 2006.

B. Golden. "Evaluation of Policy Options Aimed at Achieving a Reduction in Groundwater Consumption in Western Kansas." Grant proposal submitted to the NRI - USDA. Competitively selected in May, 2006.

Peterson, J. and **B. Golden**. "Northwest Kansas Water Policy and Economic Impact Analysis." Contract proposal submitted and accepted by the Kansas Water Office. November 2006.

K. Dhuyvetter, **B. Golden**, J. Peterson, and T Kastens. "Research and Development of a Water Allocation Risk Analysis Tool (WARAT)." Grant proposal submitted to the USDA Risk Management Agency. Competitively selected in September 2006.

Peterson, J., **B. Golden**, A. Almas, J. Johnson, and S. Amosson. "Economic and Policy Implications of

Underground Water Use in the Southern Ogallala Region." Grant proposal submitted to the USDA ARS. Competitively selected in September 2006.

Golden, B., J. Leatherman, A. Featherstone, T. Kastens, K. Dhuyvetter and T. Johnson. "Evaluation of Irrigation Water-Use and the Economic Impact Associated with a Reduction in Irrigation Water Availability." Contract proposal submitted and accepted by the Kansas Department of Agriculture. March 2007.

Golden, B. and J. Leatherman. "Impact Analysis of the Wet Walnut Creek Intensive Groundwater Use Control Area." Grant proposal submitted to the NRI - USDA. Competitively selected in May, 2007.

Lamm, F., D. Rogers, L. Stone, N. Klocke, and **B. Golden**. "Water Conservation-Increased Efficiency in Usage." Grant proposal competitively selected in the summer of 2007 by the Kansas State University Special Research Grants Program.

Nejadhashemi, A., C. Smith, J. Williams, K. Mankin, and **B. Golden**. "An Analysis of Sedimentation Reduction Strategies for Tuttle Creek Lake." Grant proposal submitted to the Kansas Water Resources Competitive Grants Program. Competitively selected in January, 2008.

Lamm, F., D. Rogers, L. Stone, N. Klocke, and **B. Golden**. "Water Conservation-Increased Efficiency in Usage." Grant proposal competitively selected in the summer of 2009 by the Kansas State University Special Research Grants Program.

Almas, L., **B. Golden,** S. Amosson, and J. Johnson. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." Grant proposal submitted to the USDA ARS. Competitively selected in September 2009.

Golden, B., J. Johnson, N. Klocke, D. Rogers, and T. Dumler. "Transferring the Technology of Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region to Southwest Kansas." Grant proposal submitted to the USDA ARS. Competitively selected in September 2009.

Almas, L., **B. Golden,** S. Amosson, and J. Johnson. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." Grant proposal submitted to the USDA ARS. Competitively selected in September 2010.

Almas, L., **B. Golden,** S. Amosson, and J. Johnson. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." Grant proposal submitted to the USDA ARS. Competitively selected in September 2011.

Almas, L., **B. Golden,** S. Amosson, and J. Johnson. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." Grant proposal submitted to the USDA ARS. Competitively selected in September 2012.

Almas, L., **B. Golden,** S. Amosson, and J. Johnson. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." Grant proposal submitted to the USDA ARS. Competitively selected in September 2013.

Almas, L., **B. Golden,** S. Amosson, and J. Johnson. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." Grant proposal submitted to the USDA ARS. Competitively selected in September 2014.

Golden, B. "Monitoring the Impacts of Sheridan County 6 Local Enhanced Management Area." Contract proposal submitted and accepted by the Kansas Water Office. October 2014.

Chatura, A., J. Peterson, N. Hendricks, B. Briggeman, **B. Golden**, and N. Ashwell. "Effects of Energy and Commodity Prices on Crop Patterns and the Ogallala Aquifer under Alternative Policy Scenarios." Grant proposal submitted to the USDA-NIFA-AFRI and accepted January, 2015.

Aguilar, J., D. Devlin, **B. Golden**, S. Frost, S. Carlson, and I. Kisekka. "Demonstrating the in-field management and potential of mobile drip irrigation converted from existing center pivot system."

Grant proposal submitted to the Kansas State University Global Food Systems Innovation Program. Competitively selected in April 2015.

Golden, B, B. Guerrero, S. Park, and R. Williams. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." Grant proposal submitted to the USDA ARS. Competitively selected in September 2015.

Golden, B. "Economic and Policy Implications of Groundwater Conservation in Southwest Kansas." Contract proposal submitted and accepted by the Kansas Department of Agriculture. June 2015.

Golden, B, B. Guerrero, S. Park, and R. Williams. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." Grant proposal submitted to the USDA ARS. Competitively selected in September 2016.

Golden, B. "Monitoring the Impacts of Willis Technology Farms." Contract proposal submitted and accepted by the Kansas Water Office. October 2016.

Golden, B. et al. Collaborator and Co. PI on a USDA AFRI CAP grant proposal titled 'Sustaining Agriculture through Adaptive Management Resilient to a Declining Ogallala Aquifer and Changing Climate'. The principle investigator for KSU is Dan Devlin. The grant is multi-state (Kansas, Texas, Oklahoma, Colorado, and Nebraska). This grant proposal was funded in 2016.

Golden, B. "Monitoring the Economic Impacts of Mobil Drip Irrigation Technology." Grant proposal submitted to the USDA ARS. Competitively selected in September 2016.

Guerrero, B., M. Vestal, L. Almas, **B. Golden**, S. Park, D. Mitchell McCallister, and R. Williams. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." $200,000. 2017-2019. Department of Agriculture (USDA).

Golden, B. et al. Collaborator and Co. PI on a USDA NRCS CIG grant proposal titled 'Using Farmer-Based Water Technology Farms to Implement New Irrigation Technologies to Sustain the Rural Economy'. The principle investigator for KSU is Dan Devlin. This grant proposal was funded in August 2017

Guerrero, B., M. Vestal, L. Almas, **B. Golden**, S. Park, D. Mitchell McCallister, and R. Williams. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." $200,000. 2018-2020. Department of Agriculture (USDA).

Guerrero, B., M. Vestal, L. Almas, **B. Golden**, S. Park, D. Mitchell McCallister, and R. Williams. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." $200,000. 2019-2021. Department of Agriculture (USDA).

Guerrero, B., M. Vestal, L. Almas, **B. Golden**, S. Park, D. Mitchell McCallister, and R. Williams. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." $200,000. 2021-2023. Department of Agriculture (USDA), Ogallala Aquifer Project.

Guerrero, B., **B. Golden**, Et al. "Collaborative Research on Cotton Production in Thermo-limited Regions of the High Plains." $400,000. 2021-2023. Department of Agriculture (USDA), Ogallala Aquifer Project.

Sheshukov, A., L. Haag, J. Aguilar, **B. Golden**, and D. Devlin. "Quantifying ET, water stress, and economic benefits for sustainable cotton production in Kansas". $50,220. Kansas State University, Global Food Systems Seed Grant Proposal.

Aguilar, J., S. Duncan, and **B. Golden**. "Investing in the Future – Cotton Research in Kansas". $100,000. Kansas Department of Agriculture.

Aguilar, J., L. Baumhardt, J. Bell, J. Benavidez, B. **Golden, B**. Guerrero, L. Haag, G. Marek, T. Marek, D. McCallister, D. Porter, A. Sheshukov, and C. Bednarz. "Collaborative Research on Cotton Production in Thermo-limited Regions of the High Plains." $388,000 (97,000- KSU portion). 2021-2023. Department of Agriculture (USDA-ARS).

Golden, B., B. Guerrero, L. Almas, M. Vestal, J. Benavidez, and D. McCallister. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." $193,454 (50,000- KSU portion). 2021-2023. Department of Agriculture (USDA-ARS).

Aguilar, J., L. Baumhardt, J. Bell, J. Benavidez, **B. Golden**, B. Guerrero, L. Haag, G. Marek, T. Marek, D. McCallister, D. Porter, A. Sheshukov, and C. Bednarz. "Collaborative Research on Cotton Production in Thermo-limited Regions of the High Plains." $388,000. 2020-2022. Department of Agriculture (USDA-ARS).

Guerrero, B., M. Vestal, K. Sukcharoen, L. Almas, **B. Golden**, J. Benavidez, and D. McCallister. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." $160,000 (40,000- KSU portion). 2020-2022. Department of Agriculture (USDA-ARS).

Aguilar, J., L. Baumhardt, J. Bell, J. Benavidez, **B. Golden**, B. Guerrero, L. Haag, G. Marek, T. Marek, D. McCallister, D. Porter, A. Sheshukov, and C. Bednarz. "Collaborative Research on Cotton Production in Thermo-limited Regions of the High Plains." $388,000 (97,000- KSU portion). 2023-2024. Department of Agriculture (USDA-ARS).

Guerrero, B., M. Vestal, K. Sukcharoen, L. Almas, **B. Golden**, J. Benavidez, and D. McCallister. "Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region." $160,000 (40,000- KSU portion). 2023-2024. Department of Agriculture (USDA-ARS).

Golden, B., B. Guerrero, M. Vestal, L. Almas, D. McCallister, and A. Wright. "The impact of changing conditions on economic trends and contributions of agricultural sectors dependent on the Ogallala Aquifer." $200,000. 2024-2025. Department of Agriculture (USDA-ARS).

Aguilar, J., L. Baumhardt, J. Bell, J. Benavidez, **B. Golden**, B. Guerrero, L. Haag, G. Marek, T. Marek, D. McCallister, D. Porter, A. Sheshukov, and C. Bednarz. "Collaborative Research on Cotton Production in Thermo-limited Regions of the High Plains." $1,940,000. 2021-2026. Department of Agriculture (USDA-ARS).

Golden, B. "Developing an OAP-KGS integrated Hydro-Agro-Economic Model." $50,000. 2024-2025. Department of Agriculture (USDA-ARS).

Golden, B. "Crop Yield Water Use Efficiency Filling a Critical Gap in Economic Literature". $25,000. 2024-2025. Kansas Water Resource Institute and Testing Ag Performance Solutions (TAPs) program.

Felderhoff, T., W. Brown, J. Drouillard, **B. Golden**, S. Sexton-Bowser, and L. Thompson "Conserve and Extend the High Plains Aquifer by leveraging the nexus between cattle feeding and sorghum (NexFeed)" $199,994. 2025-2026. Kansas Water Office.

Holman, J., A.Obour, J. Bell, S. Joghson, B. Guerrero, and **B. Golden**. "Summer Legumes an Alternative Protein Source for the Ogallala Aquifer Region." $76,000. 2025-2026. Department of Agriculture (USDA-ARS).

Metzger, S., B. Guerrero, **B. Golden** et al. "Sustainable Irrigation and Climate Adaptation in Southern High Plains: A Satellite-Enabled and Peer-Led Model" $10,000,000. Feb 1, 2025-Jan 30, 2030. USDA-NIFA-AFRI-010653

Nakabuye Njuki, H., D. Rudnick, J. Aguilar, W. Guo, F. Moghbel, R. Esteves, B. Guerrero, **B. Golden**, and F. Fazel. "Smart Forage Sorghum: Precision Sensing for Optimized Irrigation Water Management." $95,000 (Collaborator). 2024-2026. Department of Agriculture (USDA-ARS).

Golden, B., B. Guerrero, M. Vestal, L. Almas, D. McCallister, and A. Wright. "Analyses of the economic implications of alternative water conservation strategies to conserve water in the Southern Ogallala Aquifer Region." $128,000. 2024-2026. Department of Agriculture (USDA-ARS).

Aguilar, J., L. Baumhardt, J. Bell, J. Benavidez, **B. Golden**, B. Guerrero, L. Haag, G. Marek, T. Marek, D. McCallister, D. Porter, A. Sheshukov, and C. Bednarz. "Collaborative Research on Cotton

Production in Thermo-limited Regions of the High Plains." 2024-2026. Department of Agriculture (USDA-ARS).

Golden, B., B. Guerrero, M. Vestal, L. Almas, D. McCallister, and A. Wright. "The impact of changing conditions on economic trends and contributions of agricultural sectors dependent on the Ogallala Aquifer." 2023-2025. Department of Agriculture (USDA-ARS).

STAFF PAPERS, WHITE PAPERS, AND REPORTS

Golden, B., L. Tsoodle, and H. Bigge. "Pasture Leasing Arrangements in Kansas." Kansas State University, Department of Agricultural Economics Staff Paper No. 04-01, July 2003.

Golden, B., L. Tsoodle, and H. Bigge. "Non-Irrigated Crop-Share Leasing Arrangements in Kansas." Kansas State University, Department of Agricultural Economics Staff Paper No. 04-03, August 2003.

Golden, B. and L. Tsoodle. "Data on Agricultural Land Sales in Kansas." Kansas State University Agricultural Experiment Station and Cooperative Extension Service. Staff Paper No. 04-04, May,2004.

Golden, B. "The Ogallala Aquifer & Southwest Kansas: Will the Well Run Dry?" Research report prepared and presented at the request of the Kansas Water Office, the Kansas Division of Water Resources, and the Kansas State Conservation Commission. June, 2004.

Golden, B. "Analysis: The Kansas Voluntary Water Rights Retirement Program" Research report prepared and presented at the request of the Kansas Water Office, the Kansas Division of Water Resources, and the Kansas State Conservation Commission. August, 2004.

Garrett, R., L. Tsoodle and **B. Golden.** "Crop-Share Leasing Arraignments for Irrigated Land in Kansas." Kansas State University, Department of Agricultural Economics Staff Paper No. 05-01, September, 2004

Golden, B., T. Kastens, K. Dhuyvetter, and J. Peterson. "Preliminary Report: The Fair Market Value of Water Rights in the Rattlesnake Creek Sub-Basin." Research report prepared for the Kansas State Conservation Commission in preparation for testimony before the Kansas Congressional Special Committee on the Environment. October, 2004.

Leatherman J., **B. Golden**, A. Featherstone, T. Kastens, and K. Dhuyvetter. "Regional Economic Impacts of the Conservation Reserve Enhancement Program in the Upper Arkansas River Basin." Final research report submitted to the Kansas Water Office, reported to the House committee on Natural Resources, and posted to www.agmanager.info. May, 2006.

Golden, B., and J. Peterson. "Evaluation of Water Conservation from More Efficient Irrigation Systems." Kansas State University Agricultural Experiment Station and Cooperative Extension Service. Staff Paper No. 06-03, June, 2006.

Golden, B. "Two Markets-Two Models: The Case of Irrigated and Nonirrigated Cropland." Unpublished manuscript. May, 2006.

Golden, B. "The Value of Water Rights in Western Kansas: A Spatial Hedonic Approach." Unpublished manuscript. May, 2006.

Odeh, O.O.**,** L. Tsoodle, **B. Golden**, and A. Featherstone. "Analysis of Agricultural Economists' Reward Structure: Comparison of Academia, Government and Private Employment Sectors." Unpublished manuscript. May, 2006.

Tsoodle, L.J., A.M. Featherstone, and **B. Golden**. "Estimating the Market Value of Agricultural Land in Kansas Using a Combination of Hedonic and Negative Exponential Techniques." Agricultural

and Rural Finance Markets in Transition. Proceedings of NC-1014, Department of Agricultural Economics, Purdue University, Staff Paper #06-03, March 2006, pages 237-256.

Golden, B., J. Leatherman, A. Featherstone, T. Kastens, K. Dhuyvetter and T. Johnson. "Estimate of Nebraska's Cost of Compliance with the Republican River Compact for the Water-Short Year 2006." Report submitted to the Kansas Department of Agriculture for Kansas v. Nebraska & Colorado, No. 126, Orig., U.S. Supreme Court, April 2008.

Golden, B., J. Peterson, and D. O'Brien. "Potential Economic Impact of Water Use Changes in Northwest Kansas." Kansas State University Agricultural Experiment Station and Cooperative Extension Service. Staff Paper No. 08-02 February, 2008.

Amosson, S., L. Almas, **B. Golden**, B. Guerrero, J. Johnson, R. Taylor, and E. Wheeler-Cook. "Economic Impacts of Selected Water Conservation Policies in the Ogallala Aquifer." Kansas State University Agricultural Experiment Station and Cooperative Extension Service. Staff Paper No. 09-04 June, 2009.

Leatherman, J. and **B. Golden**. "The Economic Impact of Building and Operating an 895 MW Coal-Based Power Plant in Finney County." Special report prepared for the American Coalition for Clean Coal Energy. September, 2010.

Guerrero, B., S. Amosson, J. Johnson, **B. Golden**, and L. Almas. "The Impact of Ethanol in the Southern High Plains of Texas." November 2010. B-6243, Produced by Texas A&M AgriLife Communications, College Station, Texas.

Guerrero, B., **B. Golden**, S. Amosson, J. Johnson, and L. Almas. "The Impact of Ethanol in Western Kansas." October 2010. E-261, Produced by Texas A&M AgriLife Communications, College Station, Texas.

Guerrero, B., **B. Golden**, K. Schoengold, J. Suter, A. Stoecker, C. Goemans, and D. Manning. "Groundwater Laws Across the Ogallala Aquifer Region." Colorado Water Magazine, November/December 2017. Colorado Water Institute. http://wsnet2.colostate.edu/cwis31/ColoradoWater/Images/Newsletters/2017/CW_34_6.pdf

Golden, B., J. Aguilar, D, O'Brien, D. Rogers, M. Vandeveer, and K. Liebsch. "Monitoring the Economic Impacts of T & O Water Technology Farms Interim Report for 2016" Report to the State of Kansas October 26, 2017.

Foster, A. J.; Kisekka, I.; and **Golden, B.** (2017) "Exploring the Value of Plant Analysis to Enhance Water Use Efficiency in Southwest Kansas," Kansas Agricultural Experiment Station Research Reports: Vol. 3: Iss. 5. https://doi.org/10.4148/2378-5977.7400

Golden, B., and K. Liebsch. "Monitoring the Impacts of Sheridan County 6 Local Enhanced Management Area Interim Report for 2013 – 2016." Report to the State of Kansas December 15, 2017.

Golden, B. and K. Liebsch. "Monitoring the Impacts of Sheridan County 6 Local Enhanced Management Area Interim Report for 2013 – 2016." Proceedings of the Central Plains Irrigation Conference and Exposition. February 20-21, 2018.

Streeter, T., S. Metzger, C. Beightel, S. Stover, J. Aguilar, **B. Golden** "Ogallala Summit White Papers: Kansas." Ogallala Aquifer Summit, April 9-10, 2018, Garden City, Kansas.

Golden, B. "Monitoring the Impacts of Sheridan County 6 Local Enhanced Management Area Final Report for 2013 – 2017." Report to the Kansas Water Office, 2018.

Golden, B., and B. Guerrero. "Monitoring the Economic Impacts of T & O Water Technology Farms." Report to the Kansas Water Office, 2019.

Golden, B., and B. Guerrero. " Monitoring the Impacts of Sheridan County 6 Local Enhanced Management Area Supplemental Report for 2013 – 2019." Report to the Kansas Water Office, 2020.

Owen, C., K. Askren, J. Butler, **B. Golden**, J. Janssen, J. Peck, D. Rogers, C. Smith, J. Vosburgh, B. Warta, R. Wenstrom. "Central Kansas Water Bank Association Five Year Review Evaluation Report." June 2021.

Golden, B. " Monitoring the Impacts of Sheridan County 6 Local Enhanced Management Area Report for 2013 – 2020." Report to the Kansas Water Office, 9/30/2021.

Golden B., and B. Guerrero. "Potential Economic Impact of the Wichita County Local Enhanced Management Area for the 2021 – 2022 Time Period." Presented to Groundwater Management District #1. November 1, 2024

Streeter, T., S. Metzger, C. Beightel, S. Stover, J. Aguilar, **B. Golden**. "Kansas: 2024 Ogallala Aquifer Summit". Presented at the Ogallala Aquifer Summit March 18-19, 2024 in Liberal, Kansas

Golden B., B. Guerrero, and D. Lambert. "Potential Economic Impact of the Wichita County Local Enhanced Management Area for the 2007 – 2023 Time Period". Presented to Groundwater Management District #1. March 3, 2025. https://www.agmanager.info/ag-policy/water-policy/potential-economic-impact-wichita-county-local-enhanced-management-area-2007

PRESENTATIONS

Golden, B. "Price Discovery in the U.S. Rice Market – The Role of Adjusted World Market Price." Seminar, Department of Agricultural Economics, Kansas State University. December, 2001.

Golden, B. "Staying on Task – How to Complete Your Thesis on Time, With the Least Amount of Frustration." Seminar, Class of 2002 Masters of Agribusiness, Kansas State University. May, 2001.

Golden, B., and K. Stiegert. "The Impact of Downstream Firm Exit on the Texas Rice Market." Selected paper presented at the 2002 Southern Agricultural Economics Association annual conference.

Golden, B., and H. Peterson. "Producer Choice and the Industrialization of Agriculture." Selected paper presented at the 2002 American Agricultural Economic Association symposium on System Dynamics.

Golden, B., F. Golden, and L. Tsoodle. "Exploring Supply Dynamics in Competitive Markets." Selected paper presented at the 2003 Southern Agricultural Economics Association annual conference.

Golden, B., L. Tsoodle, and T. Kastens. "Landlord Net Income Estimation Under Limited Irrigation." Selected paper presented at the 2003 Southern Agricultural Economics Association annual conference.

Golden, B., L. Tsoodle, T. Kastens, and B. Vulgamore. "Weather Modification – Facts and Fiction." Selected paper presented at the 2003 Western Agricultural Economics Association annual conference.

K. Dhuyvetter, **B. Golden**, and T. Kastens. "Brief Analysis of the Value of Irrigation Water in Western Kansas." Research report prepared and presented at the request of the Kansas Water Office and Senator Sam Brownback's Staff. March 31, 2003

Golden, B. and J. Crespi "Asymmetric Impacts of Generic Advertising in the Table Grape Market." Seminar, Department of Agricultural Economics, Kansas State University. May, 2003.

Golden, B. "The Ogallala Aquifer & Southwest Kansas: Will the Well Run Dry?" Research report prepared and presented at the request of the Kansas Water Office, the Kansas Division of Water Resources, and the Kansas State Conservation Commission. June, 2004.

Golden, B. "Analysis: The Kansas Voluntary Water Rights Retirement Program" Research report

prepared and presented at the request of the Kansas Water Office, the Kansas Division of Water Resources, and the Kansas State Conservation Commission. August, 2004.

Golden, B. "The Value of Water Rights in Western Kansas." Research report presented at the 2004 Kansas Risk and Profit Conference. August, 2004.

Bernardo, D., K. Dhuyvetter, **B. Golden**, T. Kastens, J. Peterson, and J. Williams. "An Empirical Model to Determine the Fair Market Value of Groundwater Rights in Kansas." A grant proposal submitted to the Kansas State Conservation Commission. September 2004.

Kastens, T. and **B. Golden**. "Agricultural Land Values across the U.S., with a Special Emphasis on Valuing Irrigation Water Rights." Presentation to agricultural loan analysts from around the U.S. who are conducting an extensive loan-by-loan review of the $5.3 billion Farmer Mac loan portfolio. Denver, Colorado. September, 2004.

Golden, B., T. Kastens, K. Dhuyvetter, and J. Peterson. "Preliminary Report: The Fair Market Value of Water Rights in the Rattlesnake Creek Sub-Basin." Research report prepared for the Kansas State Conservation Commission in preparation for testimony before the Kansas Congressional Special Committee on the Environment. October, 2004.

Golden, B. "The Value of Water in Western Kansas and the Voluntary Water Rights Transition Program." Research report prepared and presented at the Agricultural Profitability Conference. Ulysses, Kansas. February 1, 2005.

Brant, M., L. Tsoodle, **B. Golden**, and A. Featherstone. "Research Productivity and Select Characteristics of Agricultural Faculty in the Southern Region: A Quarter of a Century Later." Selected paper at the 2005 Southern Agricultural Economics Association annual meeting. February, 2005.

Golden, B., L. Tsoodle, O. Odeh, and A. Featherstone. "Determinants of Agricultural Economic Faculty Salary: A Quarter of a Century Later." Selected Paper at the 2005 Southern Agricultural Economics Association annual meeting. February, 2005.

Golden, B. "Policy Solutions and Economic Impacts: Voluntary Water Retirement Programs." Research report prepared and presented at The Ogallala Aquifer: What Are We Doing? K-State Meeting With the Stakeholders. Manhattan, Kansas. Topeka, Kansas. March 17, 2006.

Golden, B. "The Economic Value of Water Rights in Kansas." Research report prepared and presented at the Water and the Future of Kansas Conference. Topeka, Kansas. March, 2006.

Golden, B., and J. Peterson. "Evaluation of Water Conservation from More Efficient Irrigation Systems." Requested research report prepared and presented at the State Conservation Commission spring Workshop. Hayes, and Garden City, Kansas. March, 2006.

Golden, B. "The Economic Value of Water Rights in Kansas." Requested presentation at the Kansas Water Office Conservation Reserve Enhancement Program Focus Group. Kinsley, Kansas. April, 2006.

Golden, B. "The Value of Water Rights in the Rattlesnake Sub-basin: A Spatial-Hedonic Analysis." Runner-up in the Universities Council on Water Resources (UCOWR) 2006 Ph.D. Dissertation Award. April 2006.

Leatherman J., **B. Golden**, A. Featherstone, T. Kastens, and K. Dhuyvetter. "Regional Economic Impacts of the Conservation Reserve Enhancement Program in the Upper Arkansas River Basin." Final research report submitted to the Kansas Water Office, reported to the House committee on Natural Resources, and posted to www.agmanager.info. May, 2006.

Golden, B., T. Kastens, K. Dhuyvetter, and J. Peterson. "Developing an Economic Tool to Predict the Value of Water Rights." Research report posted to www.agmanager.info. May, 2006.

Golden, B., T. Kastens, and K. Dhuyvetter. "Likely Impacts of Rising Energy Prices on Irrigated

Agriculture in Western Kansas." Requested research report by the Kansas Water Office and posted to www.agmanager.info. May, 2006.

Golden, B., T. Kastens, and K. Dhuyvetter. "Value of Water Rights--Rent Approach - Excel spreadsheet for estimating the value of water rights using irrigated versus non-irrigated crop rents." Posted to www.agmanager.info. May, 2006.

Golden, B. "Two Markets-Two Models: The Case of Irrigated and Nonirrigated Cropland." Unpublished manuscript. May, 2006.

Golden, B. "The Value of Water Rights in Western Kansas: A Spatial Hedonic Approach." Unpublished manuscript. May, 2006.

Odeh, O.O.**,** L. Tsoodle, **Golden, B**., and A. Featherstone. "Analysis of Agricultural Economists' Reward Structure: Comparison of Academia, Government and Private Employment Sectors." Unpublished manuscript. May, 2006.

Golden, B. "The Law of Unintended Consequences: The Ogallala Aquifer, Kansas Water Policy, and Technology Adoption." Research report prepared and presented at the 2006 Risk and Profit Conference. August, 2006.

Golden, B., and J. Leatherman. "Regional Economic Impacts of Implementation of the Conservation Reserve Enhancement Program in the Kansas Upper Arkansas River Basin." Research report prepared and presented at the 2006 Risk and Profit Conference. August, 2006.

Golden, B. "The Ogallala Situation: Finding Solutions That Keep Our Economy Prosperous." Presentation to the Kansas State University Research and Extension 2006 Congressional Assistants Tour. August, 2006.

Golden, B., and J. Peterson. "The Ogallala Situation: An Update on KSU Research." Requested presentation to the Kansas Water Office, State Conservation Commission, and the Division of Water Resources. August, 2006.

Golden, B. "The Implication of Irrigation to Dryland Conversion Rate Assumptions on the KSU CREP Economic Impact Analysis." Research report requested by the Kansas Water Office. September, 2006.

Golden, B. "A Brief Review of Kansas CREP Incentive Levels." Research report requested by the Kansas Water Office. October, 2006.

Golden, B. "Possible Economics Impacts of the Pawnee-Buckner-Sawlog IGUCA." Research report requested by the Kansas Department of Agriculture. October, 2006.

Golden, B. "Potential Economic Impact of Water Use Changes in Northwest Kansas." Research report prepared and presented to the Board of Directors of Groundwater Management District number four and the Kansas Water Office in Colby, Kansas. December, 2006.

Golden, B. and J. Peterson. "The Coase Theorem: Applications to the Pawnee-Buckner-Sawlog IGUCA." Research report requested by the Kansas Department of Agriculture. January, 2007.

Golden, B. and J. Peterson. "Do More Efficient Center Pivots Reduce Groundwater Consumption?" Selected paper and presentation at the 2007 CSREES National Water Conference in Savannah, Georgia. January, 2007.

Golden, B. and J. Leatherman. "Preliminary Findings: Impact Analysis of the Wet Walnut Creek Intensive Groundwater Use Control Area." Selected paper and presentation at the 2007 Water and Future of Kansas Conference in Topeka, Kansas. March, 2007.

Golden, B. and J. Peterson. "Potential Economic Impacts of Water Use Change in Northwest Kansas" Presentation at the Kansas State University Risk and Profit Conference in Manhattan, Kansas. August, 2007.

Golden, B. "The Paradox of Water Values." Invited presentation for the Kansas Department of

Agriculture's Division of Water Resources Fall Conference. November 2007.

Golden B. "Producer Response and Economic Incentives for Agricultural Water Conservation" Invited paper presented at the Agricultural Water Conservation Symposium during the 2008 CSREES National Water Conference in Reno, Nevada. February, 2008.

Wheeler, E., J. Johnson, **B. Golden**, and J. Peterson. "Economic Efficiency of Short-Term vs Long-Term Water Rights Buyout." Invited paper presented at the symposium on Evaluating Water Conservation Strategies and Policies during the 2008 Southern Agricultural Economics Association annual meeting in Dallas, Texas. February, 2008.

Golden, B., J. Peterson, and M. Clark. "Possible Impacts of Climate Change in the Ogallala Aquifer Region of Northwest Kansas." Selected Paper presented at the Western Agriculture Economic Association annual meeting. June, 2008.

Smith, C., **B. Golden**, J. Leatherman, and T. Turner. "Using IMPLAN Analysis-By Parts to Model the Impacts of Water Use Changes in Kansas." Research report prepared and presented to the 2008 MCRSA/IMPLAN Conference, Colorado Springs, CO, June, 2008.

Smith, C., **B. Golden**, J. Leatherman, and T. Turner. "Using IMPLAN Analysis-By Parts to Model the Impacts of Water Use Changes in Kansas." Research report prepared and presented to the 2008 IMPLAN Users Conference Proceedings. July 2008.

Golden, B., and J. Peterson. "Impacts of Climate Change on Irrigated Agriculture in Northwest Kansas." Research report prepared and presented at the Kansas State University Risk and Profit Conference. August, 2008.

Clark, P., **B. Golden,** and L. Tsoodle. "Using a Computer Based Irrigation Decision Tool (WARAT) to Assess the Risk of Deficit Irrigation in Northwest Kansas." Research report prepared and presented at the Kansas State University Risk and Profit Conference. August, 2008.

Golden, B., J. Leatherman, A. Featherstone, T. Kastens, K. Dhuyvetter and T. Johnson. "Economic Impacts on Kansas of Diminished Surface Water Supplies to the Lower Republican River Basin Caused by Nebraska in 2005 and 2006." Report submitted to the Kansas Department of Agriculture for Kansas v. Nebraska & Colorado, No. 126, Orig., U.S. Supreme Court, January 2009.

Johnson, J., E. Wheeler-Cook, B. Guerrero, B. **Golden**, L. Almas. "Impact of the Declining Ogallala Aquifer on Agriculture." Invited presentation to GSA-SSSA-ASA-CSA Joint Meeting, October 8, 2008, Houston, Texas.

Amosson, S, L. Almas, **B. Golden,** B. Guerrero, J. Johnson, R. Taylor, and E. Wheeler-Cook. "Economic Impacts of Selected Water Conservation Policies in the Ogallala Aquifer." Research report prepared for the Industry Review Committee of the Economic and Assessment and Impact Priority Area of the Ogallala Aquifer Program. February, 2009.

Golden B. "Modeling Results of the Ogallala Aquifer Program Project." Presentation made to the Industry Review Committee of the Economic and Assessment and Impact Priority Area of the Ogallala Aquifer Program. February, 2009.

Golden B. "Evaluation of Policy Options Aimed at Achieving a Reduction in Groundwater Consumption in Western Kansas." Presentation at the 2009 CSREES National Water Conference in St. Louis, Missouri. February, 2009.

Golden B. "Impact Analysis of the Wet Walnut Creek Intensive Groundwater Use Control Area." Poster presentation at the 2009 CSREES National Water Conference in St. Louis, Missouri. February, 2009.

Clark, M., J. Peterson, and **B. Golden**. "Effects of High Commodity Prices on Western Kansas Crop Patterns and the Ogallala Aquifer." KFMA Newsletter 3(2009): 1-3.

http://www.agmanager.info/news/KFMA_News/Archives/June_09.pdf

Amosson, S., L. Almas, **B. Golden**, B. Guerrero, J. Johnson, R. Taylor, and E. Wheeler-Cook. "Economic Impacts of Selected Water Conservation Policies in the Ogallala Aquifer." *AgManager.info*. March, 2009. Department of Agriculture Economics, Kansas State University. June, 2009. http://www.agmanager.info/policy/water/ConservationPolicies_Ogallala.pdf

Golden B., J. Bergtold, M. Boland, K. Dhuyvetter, T. Kastens, J. Peterson, and S. Staggenborg. "A Comparison of Select Cost-Benefit Studies on the Impacts of H.R. 2454 on the Agriculture Sector of the Economy" *AgManager.info*. December, 2009. Department of Agriculture Economics, Kansas State University. December, 2009. http://www.agmanager.info/policy/commodity/analysis/Comparison_Cost-Benefit_Studies_HR2454_12-10-09.pdf

Guerrero, B., S. Amosson, L. Almas, R. Taylor, **B. Golden**, J. Johnson, E. Wheeler-Cook, and T. Marek. "Economic Impacts of Selected Water Conservation Policies in the Ogallala Aquifer" Selected paper presented at the 2009 Western Agricultural Economics Association annual conference.

Golden, B. "Exploring the Drivers and Options for Declining Groundwater Levels." Research presented to select managers at the Kansas Department in Topeka, Kansas. January 13, 2010.

Golden, B. "Ogallala – High Plains Aquifer Special Study Phase II: Part Two-Southwest Kansas Economic Model." Research presented to the Board of Director of Ground Water Management District #3. January 15, 2010.

Golden, B. "Agriculture Economic Implications of Climate Change." Presentation at the 2010 'Climate and Water: Planning for Change' forum in Hays, Kansas. February 4, 2010.

Golden, B. "Bumper Crops or Busted Yields? An Economist's Opinion." Presentation at the 2010 'Climate and Water: Planning for Change' forum in Hays, Kansas. February 4, 2010.

Golden, B., J. Johnson, E. Wheeler-Cook, B. Guerrero, L. Almas, and S. Amosson. "Management Challenges for the Ogallala Aquifer." Selected paper presented at the annual meeting of the Geological Society of America in Branson, Missouri. April 13, 2010.

Golden, B., J. Johnson, B. Guerrero, L. Almas, and S. Amosson. "Groundwater Policy Development for Sustaining Rural Economies." Presentation at the International Workshop; Enhancing Groundwater Sustainability Under Increased Climate Deficits: Policy and Management Alternatives with a Focus on the Calera Aquifer in Zacatecas, Mexico in Bushland, Texas. July 9, 2010.

Garay P., J. Peterson, C. Smith, and **B. Golden**. "Disaggregated Spatial Modeling of Irrigated Land and Water Use." Selected paper presented the annual meeting of the Agricultural and Applied Economics Association in Denver, Colorado. July 26, 2010.

Golden, B. "The Impacts of Cap and Trade Legislation on the Agricultural Sector of the Economy." Research report presented at the Kansas State University, Department of Agricultural Economics Risk and Profit Conference in Manhattan, Kansas. August 19, 2010.

Golden, B., J. Johnson, B. Guerrero, L. Almas, and S. Amosson. "Managing the Economic Impacts of Sustainability." Presentation at the Water and the Future of Kansas Conference in Topeka, Kansas. October 26, 2010.

Leatherman, J. and **B. Golden**. "The Economic Impact of Building and Operating an 895 MW Coal-Based Power Plant in Finney County." Special report prepared for the American Coalition for Clean Coal Energy. September, 2010.

Golden, B. and J. Leatherman. "Impact Analysis of the Walnut Creek Intensive Groundwater Use Control Area." www.agmanager.info. April, 2011

Smith C.M., J.R. Williams, A.P. Nejadhashemi, S. Woznicki, **B. Golden**, and K.R. Mankin.

"From Dust Bowl to Mud Bowl: Economics of Reservoir Sedimentation." Poster presented at: Universities Council on Water Resources and The National Institutes for Water Resources Conference. July11-14, 2011 Boulder, CO.

Golden B., and J. Leatherman. "Impact Analysis of the Walnut Creek Intensive Groundwater Use Control Area." Paper presented at: Universities Council on Water Resources and The National Institutes for Water Resources Conference. July11-14, 2011 Boulder, CO.

Smith, C.M., J.R. Williams, A.P. Nejadhashemi, S. Woznicki, **B. Golden**, and K.R. Douglas-Mankin. "Economics of Nutrient and Sediment Reduction Strategies." Kansas WRAPS Working Group Seminar, Topeka, KS, January 24, 2012.

Golden, B., T. Dumler, J. Johnson, and D. Rogers. "Potential Economic Impact of Water Use Changes in Southwest Kansas." www.agmanager.info. October, 2012.

Golden, B. "Values of Ogallala Water" Presented to the 'Governor's Conference on The Future of Water in Kansas in Manhattan, Kansas. Invited main speaker. October, 2012.

Golden, B. "Preliminary Results: Potential Economic Impact of Water Use Changes in Southwest Kansas." 2013 Risk and Profit Conference in Manhattan Kansas. August, 2013.

Golden, B. "Economic Implications of Water Management Changes in LEMA #6." 2014 Governor's Conference on the Future of Water in Kansas in Manhattan Kansas. November, 2014.

Golden, B. "Update on the Economic Impact of the Sheridan #6 LEMA." 2015 Risk and Profit Conference in Manhattan Kansas. August, 2015.

Golden, B. "Monitoring the Impacts of Sheridan County 6 Local Enhanced Management Area." 2015 Governor's Conference on the Future of Water in Kansas in Manhattan Kansas. November, 2015.

Golden, B. and B. Guerrero. "Monitoring the Impacts of Sheridan County 6 Local Enhanced Management Area." 2016 Governor's Conference on the Future of Water in Kansas in Manhattan Kansas. November, 2016.

Golden, B. and B. Guerrero. "Monitoring the Impacts of Sheridan County 6 Local Enhanced Management Area" presented at the 2016 annual UCOWR conference in Pensacola, Florida.

Golden, B. and B. Guerrero. "The Economics of Conservation" presented at the Kansas Water Office: Water Talk Series. Goodland, Kansas. February 1, 2017.

Harkey, L., M. Vestal, B. Guerrero, and **B. Golden**. "Impact of Discount Rate and Price on Intertemporal Groundwater Models in Southwest Kansas." Selected Paper at the Southern Agricultural Economics Association Annual Meeting. Mobile, AL. February 4-7, 2017.

Golden, B. and B. Guerrero. "The Economics of Conservation" presented at the Kansas Water Office: Water Talk Series. Sharon Springs, Kansas. February 12, 2017.

Golden, B. and B. Guerrero. "The Economics of Conservation" presented at the Kansas Water Office: Water Talk Series. Garden City, Kansas. February 14, 2017.

Golden, B. and B. Guerrero. "The Economics of Conservation" presented at the Kansas Water Office: Water Talk Series. Ulysses, Kansas. February 21, 2017.

Golden, B., J. Aguilar, and K. Liebsch "A Booming Interest in Groundwater Conservation in Kansas – Why Now?" Webinar at OgallalaWater.Org https://learn.extension.org/events/3058 . April 17, 2017.

Golden, B., and B. Guerrero. "The Economics of Local Enhanced Management Areas in Southwest Kansas." Selected Paper at the Universities Council on Water Resources Annual Conference. Ft. Collins, CO. June 13-15, 2017.

Golden, B. and B. Guerrero. "The Economics of Conservation" presented at the Kansas Water Office: Water Conservation: An Investment in the Future of Kansas Agriculture. Garden City, Kansas. July 31, 2017.

Golden, B., J. Aguilar, and K. Liebsch "A Booming Interest in Groundwater Conservation in Kansas – Why Now?" Risk and Profit Conference in Manhattan Kansas. August 24, 2017.

Golden, B. and B. Guerrero. "The Economics of Conservation" presented at the West Central Research and Extension Center, Water and Crops Field Day "Conversations on the Cutting Edge" in North Platte, Nebraska. August 24, 2017.

Golden, B. "Monitoring the Impacts of Sheridan County 6 Local Enhanced Management Area" Oral presentation at the Governor's Conference on the Future of Water in Kansas, Manhattan, Kansas, November 8, 2017.

McCullough, R., D. Mitchell, **B. Golden**, and B. Guerrero. "Optimal Nitrogen/Water use in the Southern Sub-region of the Southern Ogallala Aquifer." Selected Paper at the Southern Agricultural Economics Association Annual Meeting. Jacksonville, FL. February 3-6, 2018.

Golden, B. "Producer's Reactions to Water Use Restrictions". Oral presentation at the Central Plains Irrigation Conference & Exposition in Colby, Kansas on February 20 & 21, 2018.

Golden, B. "The Role of Sorghum in Sustaining the Ogallala Aquifer" Oral presentation for the Center for Sorghum Improvement in Manhattan, Kansas on February 19.2018.

Golden, B. and K. Liebsch. "Monitoring the Impacts of Sheridan County 6 Local Enhanced Management Area Interim Report for 2013 – 2016." Presented at the Central Plains Irrigation Conference and Exposition in Colby, Kansas. February 20-21, 2018.

Aguilar, J., D. Devlin, **B. Golden**, and D. Rogers. "Using Water Technology Farm Concept to Test Different Center Pivot Application Packages". 2018 Irrigation Show & Education Conference Technical Program Irrigation Association. December 3-7, 2018. Long Beach, California.

Golden, B., B. Guerrero, and K. Liebsch. "Issues with Converting Irrigated Cropland to Pasture in Western Kansas." Selected paper presented at the Universities Council on Water Resources Annual Conference. Pittsburgh, PA. June 26-28, 2018.

Golden, B. "Resulting Changes from Producer-Driven Groundwater Pumping Reductions in Kansas." Selected paper presented at the Universities Council on Water Resources Annual Conference. Pittsburgh, PA. June 26-28, 2018.

Golden, B. "Resulting Changes from Producer-Driven Groundwater Pumping Reductions in Kansas." Selected paper presented at the 2018 AWRA Summer Specialty Conference: The Science, Management and Governance of Transboundary Groundwater. Fort Worth, TX. July 9, 2018.

Golden, B., M. Sanderson, B. Guerrero, and S. Lauer. "Attitudes Toward Groundwater Use in the Ogallala Aquifer." Presented at the Kansas State University Department of Agricultural Economics Risk & Profit Conference. Manhattan, KS. August 16 & 17, 2018.

Sanderson M., S. Lauer, and **B. Golden**. "A Survey of Attitudes toward Groundwater in the Ogallala Aquifer Region". Oral presentation at the Governor's Conference on the Future of Water in Kansas, Manhattan, Kansas, November 12-13, 2018.

Golden, B. "Producer Reactions to the Sheridan County 6 Local Enhanced Management Area". Oral presentation at the Governor's Conference on the Future of Water in Kansas, Manhattan, Kansas, November 12-13, 2018.

Golden, B. "Major Legislative and Policy Changes Made in Kansas for the Ogallala Aquifer". Oral presentation at the North Central Region One Water Action Forum Sustainable Water Supply-Preserving and Conserving a Critical Resource in Indianapolis, Indiana on December 11-13, 2018.

Golden, B., and B. Guerrero. "Economic impacts of groundwater reductions for irrigated agriculture: A case study in Sheridan County, Kansas." Selected paper for the Presidential Symposium: Understanding the Importance of Water for Agriculture in Rural, Semi-arid Regions. Mid-

Continent Regional Science Association 50th Annual Conference. Madison, Wisconsin June 4-6, 2019.

Guerrero, B., M. Sanderson, S. Lauer, **B. Golden**, and M. Vestal. "Stakeholder Perceptions of the Importance of Groundwater for Sustaining Communities." Selected paper for the Organized Symposium: Water Resource Development and Environmental Quality in Developing Communities. UCOWR/NIWR Annual Water Resources Conference. Snowbird, Utah. June 11-13, 2019.

Golden, B. and B. Guerrero. "Water Resource Development - Lessons Learned from the Kansas Ogallala Aquifer." Selected paper for the Organized Symposium: Water Resource Development and Environmental Quality in Developing Communities. UCOWR/NIWR Annual Water Resources Conference. Snowbird, Utah. June 11-13, 2019.

Golden, B. "Ag Finance Risks of Irrigated Cropland Over the Ogallala Aquifer." Invited paper for the Federal Reserve's National Agricultural Credit Conference, Dallas, Texas October 8, 2019.

J. Deines, M. Schipanski**, B. Golden**, S. Zipper, C. Rottler, B. Guerrero, and V. Sharda. "Transitioning to Non-Irrigated Crop Production in Southwest Kansas – Will We Have Another Dust Bowl?" 2019 Governor's Water Conference, Wichita, Kansas November 7-8, 2019.

Golden, B. "Resulting Changes from Producer-Driven Groundwater Pumping Reductions in Northwest Kansas". Oral presentation at the 2020 Colorado Master Irrigator Program, Morgan Community College Wray, Colorado, February 12, 2020.

Guerrero, B., S. Reynolds, **B. Golden**, A. Ghaseminejad, and V. Uddameri. "Evaluation of Water Conservation Strategies in the Texas High Plains." Selected Poster at the Western Agricultural Economics Association Annual Meeting. Virtual Conference. June 29-July 1, 2020.

Reynolds, S., B. Guerrero, **B. Golden**, and M. Rouhi Rad. "Integrated Modeling of Potential Water Conservation Strategies in the Central Ogallala Region." Selected Poster at the Southern Agricultural Economics Association Annual Meeting. Louisville, KY. February 1-4, 2020.

Smith, C., M. Vestal, B. Guerrero, K. Sukcharoen, and **B. Golden**. "Assessment of Water Usage and Producer Attitudes of Groundwater in the Southern region of the Ogallala Aquifer." Selected Paper at the Southern Agricultural Economics Association Annual Meeting. Louisville, KY. February 1-4, 2020.

Golden, B. "Resulting Changes from Producer-Driven Groundwater Pumping Reductions in Northwest Kansas". Oral presentation at the 2021 Oklahoma Master Irrigator Program, Oklahoma Panhandle Research and Extension Center, Goodwell, Oklahoma, January 19, 2021.

Golden, B. "Economics of Producer-Driven Groundwater Pumping Reductions in Kansas". Oral presentation at the 2021 KSU Research & Extension training series title: Water resource management and irrigation in Kansas, Understanding Irrigation Systems and New Technologies March 25, 2021.

Golden, B. "Economics of Groundwater Conservation: Sheridan #6 LEMA." Oral presentation at the Kansas House Committee on Water, Finnup Center for Conservation Education, Garden City, KS, August 17, 2021.

Golden, B. "The Costs of Groundwater Conservation." Oral presentation at the KWO/DWR/ Kansas Bankers Meeting Garden City, KS, September 30, 2021.

Thompson, K., M. Vestal, B. Guerrero, **B. Golden**, and L. Tsoodle. "Land Values and Water Levels: What is the impact of the declining Ogallala Aquifer on land prices?" Selected Paper at the Southern Agricultural Economics Association Annual Meeting. Virtual. February 6-9, 2021

Strickmeyer, R., A. Ghaseminejad, V. Uddameri, B. Guerrero, and **B. Golden**. "Improved modeling using an integrated approach for water policy evaluation in Texas." Selected Paper at the Southern Agricultural Economics Association Annual Meeting. New Orleans, LA. February 12-15, 2022.

Thompson, B., M. Vestal, B. Guerrero, and **B. Golden**. "The impact of water availability on land values in Kansas." Selected Poster at the Southern Agricultural Economics Association Annual Meeting. New Orleans, LA. February 12-15, 2022.

Golden, B. "What is the Cost of Groundwater Conservation." Invited oral presentation at Senator Moran's Ag. Conservation Tour, Southwind Country Club, Garden City, KS. August 21, 2022.

Golden, B. "Economics of Groundwater Conservation: Sheridan #6 LEMA." Invited oral presentation at the Oklahoma Governor's Water Conference, Reed Conference Center Oklahoma City, Oklahoma, December 7, 2022.

Guerrero, B. and **B. Golden**. "Producer-initiated Groundwater Conservation in Northwest Kansas." Selected Paper at the UCOWR/NIWR Annual Water Resources Conference. June 14-16, 2022.

Strickmeyer, R., A. Ghaseminejad, V. Uddameri, B. Guerrero, and **B. Golden**. "Improved modeling using an integrated approach for water policy evaluation in Texas." Selected Paper at the Southern Agricultural Economics Association Annual Meeting. New Orleans, LA. February 12-15, 2022.

Thompson, B., M. Vestal, B. Guerrero, and **B. Golden**. "The impact of water availability on land values in Kansas." Selected Poster at the Southern Agricultural Economics Association Annual Meeting. New Orleans, LA. February 12-15, 2022

Golden, B. "Insights and Takeaways from the KS LEMA Program." Presentation to the Colorado Master Irrigator Program. Holyoke, Colorado January 18, 2023.

Golden, B. "Economic Impact of Water Conservation." Presentation to The Kansas House of Representative's Water Committee. Topeka, Kansas January 26, 2023.

Golden, B. "Economic Impact of LEMAs." Presentation to Groundwater Management District #1 Annual Meeting. Scott City, Kansas February 28, 2023.

Golden, B. "Economic Impact of Water Conservation." Presentation to Water Innovation Systems and Education (WISE) Tour. Montezuma, Kansas March 23, 2023.

Guerrero, B., **B. Golden**, D. McCallister, and A. Wright. "20 Years of Economic Team Collaboration in the Ogallala Aquifer Program." Presented to the 2023 Annual Ogallala Aquifer Program. Canyon, Texas April 4,.2023.

B. Golden, B Guerrero, M. Vestal, and V. Uddameri. "Corn-Cotton Comparisons in the Thermo-Limited Regions of the High Plains." Poster Presented to the 2023 Annual Ogallala Aquifer Program. Canyon, Texas April 4,.2023.

Guerrero, B., and B. Golden. "Producer-initiated Groundwater Conservation in Northwest Kansas." Presented at the 2023 UCOWR/NIWR Annual Water Resources Conference. Fort Collins, Colorado June 14, 2023.

Golden, B. "Economic and Aquifer Impact of LEMAs." Presented at the Irrigation Association and Irrigation Innovation Consortium webinar on Irrigation's Role in Sustaining Value & Mitigating Risk. July 26, 2023.

Guerrero, B., **B. Golden**, D. McCallister, and A. Wright. "Collaborative Research on Cotton Production in Thermo-limited Regions of the High Plains." Presentation at the Ogallala Aquifer Programs annual meeting in Liberal, Kansas. March 20, 2024.

Guerrero, B., **B. Golden**, D. McCallister, and A. Wright. "Economic & Policy Implications of Water Withdrawals." Presentation at the Ogallala Aquifer Programs annual meeting in Liberal, Kansas. March 20, 2024.

Golden, B. "Economic Impact of the Sheridan #6 LEMA." Presented at Midwest Feeders Inc. LEMA Informational Meeting. February 12, 2024. At Midwest Feeders Inc.

Orduna Alegria, M. E., Zipper, S., Butler Jr, J. J., **Golden, B**., Wilson, B. B., Griggs, B. W., Lin, C.-Y., Yu, D. J., Whittemore, D. O., Bohling, G. C., Shin, H. C., Deines, J. M., Allen, J. J., Marston, L. T., Sanderson, M. R., Hendricks, N. P., Yu, Q., Lauer, S., and Smith, S. M.: From Local Success to Global Solutions: Tenets for Effective Groundwater Governance, EGU General Assembly 2024, Vienna, Austria, 14–19 Apr 2024, EGU24-13368, https://doi.org/10.5194/egusphere-egu24-13368, 2024.

Guerrero, B., and **B. Golden**. "The Rural Economic Effects of Ogallala Aquifer Depletion: A Case Study in West-Central Kansas." Paper presentation at the AWRA, UCOWR, NIWR 60th Anniversary Joint Water Resources Conference in St. Louis, Missouri. September 30, 2024.

Castano-Sanchez, J., C. Rotz, J. Steiner, **B. Golden**, and S. Spiegal, (2024) Farmer Driven Water Conservation Policy on the Ogallala Aquifer Reduces the Environmental Footprints of Crop Production [Abstract]. ASA, CSSA, SSSA International Annual Meeting, San Antonio, TX. https://scisoc.confex.com/scisoc/2024am/meetingapp.cgi/Paper/160190

Golden B., B. Guerrero, and D. Lambert. "The Rural Economic Effects of Ogallala Aquifer Depletion: A Case Study in West-Central Kansas". Ogallala Aquifer Program Annual Meeting, Lubbock, Texas, February 26, 2025.

Golden B., B. Guerrero, and D. Lambert. "Regional Economics – Insights and Takeaways from the KS LEMA Program". Presented at the 2025 Republican River Basin COMI program, Holyoke, Colorado, March 3, 2025.

Golden, B., B. Guerrero, and D. Lambert. "Potential Economic Impact of the Wichita County LEMA." Selected Paper at the UCOWR/NIWR Annual Water Resources Conference. Minneapolis, MN. June 3-5, 2025.

Golden, B. Invited Speaker, Brown Bag Seminar, USDA-ARS, Bushland, TX. "Potential Economic Impact of the Wichita County LEMA." July 17, 2025.

Golden B., D. Rudnik, M. Cameron-Harp, J. Lindamood, B. Guerrero, D. Lambert, and L. Lambert. "Is Irrigation Water Use Efficiency Important – Evidence from the Testing Ag Performance Solutions Project". Presented at the 2025 Risk and Profit Conference. Manhattan, Kansas August 21,2025. https://www.agmanager.info/events/risk-and-profit-conference/

Golden, B., B. Guerrero, and D. Lambert. "Potential Economic Impact of the Wichita County LEMA." Selected Paper at the UCOWR/NIWR Annual Water Resources Conference. Minneapolis, MN. June 3-5, 2025.

Golden, B., B. Guerrero, A. Wright, and C. Williams. "The Regional Economic Impacts of Cotton Acreage Expansion in the Texas Panhandle and Southwestern Kansas." Selected Poster at the Southern Agricultural Economics Association Annual Meeting. Irving, TX. February 1-4, 2025.

Lambert, D., **B. Golden**, L. Lambert, and B. Guerrero. "The Impacts of a Local Enhanced Management Area on Groundwater Use for Crop Production." Selected Paper at the Southern Agricultural Economics Association Annual Meeting. Irving, TX. February 1-4, 2025.

Golden, B., D. Lambert, L. Lambert, and B. Guerrero. "The Sheridan #6 LEMA – A Successful Groundwater Management Plan." Oklahoma Water Interim Study Information Meeting at the Oklahoma State Capitol Building, Oklahoma City, Oklahoma. September 30, 2025.