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EDUCATION

Ph.D. Resource Economics, Cornell University, 2007.
Dissertation Title: *Three Essays on the Economics of Land Use and Water Quality*.
Committee: Gregory Poe (chair), Jon Conrad, Richard Boisvert, and Carla Gomes.

M.Sc. Resource Economics, Cornell University, 2003.

B.A. Economics (with honors) and Political Science, Vanderbilt University, 1999.

PROFESSIONAL EXPERIENCE

Associate Professor Department of Agricultural and Resource Economics, Colorado State University (July 2015 – Present).

Assistant Professor Department of Agricultural and Resource Economics, Colorado State University (July 2013 – June 2015).

Research Fellow Department of Environmental and Business Economics, University of Southern Denmark (Sep 2013 – Aug 2014).

Assistant Professor of Economics and Environmental Studies, Department of Economics, Oberlin College (July 2007 – June 2013).

Lecturer in Environmental and Natural Resource Economics, Department of Economics, Wells College (Fall 2004).

PEER-REVIEWED PUBLICATIONS

Manning, D., M. Rouhi Rad, J.F. Suter, C. Goemans, Z. Xiang, and R. Bailey. *Forthcoming*. Non-market Valuation in Integrated Modeling: The Benefits of Water Right Retirement. *Journal of Environmental Economics and Management*.

Duke, J., Z. Liu*, J.F. Suter, K.D. Messer, and H. Michael. *Forthcoming*. Some Taxes Are Better Than Others: An Economic Experiment Analyzing Groundwater Management in a Spatially Explicit Aquifer. *Water Resources Research*.

Suter, J.F., M. Rouhi Rad, D.T. Manning, C. Goemans, M. Sanderson. *Forthcoming*. Depletion, Climate, and the Incremental Value of Groundwater. *Resource and Energy Economics*.

Hennighausen, H. and J.F. Suter. *Forthcoming*. Flood Risk Perception in the Housing Market and the Impact of a Major Flood Event. *Land Economics*.

Rouhi Rad, M., E. Haacker, V. Sharda, S. Nozari, Z. Xiang, A.A. Berhe, V. Uddameri, J.F. Suter, and P. Gowda. 2020. MOD$$AT: A Hydro-economic Modeling Framework for Aquifer Management in Irrigated Agricultural Regions. *Agricultural Water Management*. 238: 106194.

Zia, A., S. Ding, K.D. Messer, H. Miao, J.F. Suter, J.R. Fooks, T. Guilfoos, S. Trandafir, E. Uchida, Y. Tsai, S. Merrill, S. Turnbull, and C. Koliba. 2020. Characterizing Heterogeneous Behavior of Non-Point Source Polluters in a Spatial Game under Alternate Sensing and Incentive Designs. *Journal of Water Resources Planning and Management*. 146(8): 04020054

Suter, J.F., S. Collie, K.D. Messer, J.M. Duke, and H.A. Michael. 2019. Common Pool Resource Management at the Extensive and Intensive Margins: Experimental Evidence. *Environmental and Resource Economics*. 73: 973–993.

Palm-Forster, L.H., J.F. Suter, K.D. Messer. 2019. Experimental Evidence on Policy Approaches that Link Agricultural Subsidies to Water Quality Outcomes. *American Journal of Agricultural Economics* 101(1): 109-133.

Shepler, R., J.F. Suter, D.T. Manning, C. Goemans. 2019. Private Actions and Preferences for Coordinated Groundwater Conservation in Colorado's Republican River Basin. *Journal of the American Water Resources Association* 55(3): 657-669.

Manning, D.T, and J.F. Suter. 2019. Production Externalities and the Gains from Management in a Spatially Explicit Aquifer. *Journal of Agricultural and Resource Economics* 44(1) 194:211.

Lauer M., M. Sanderson, D.T. Manning, J.F. Suter, A. Hrozencik, B. Guerrero, B. Golden. 2018. Values and Groundwater Management in the Ogallala Aquifer Region. *Journal of Soil and Water Conservation* 73(5): 593-600.

Monger, R., J.F. Suter, D.T. Manning, J.P. Schneekloth. 2018. Retiring Land to Save Water: Participation in Colorado's Republican River Conservation Reserve Enhancement Program. *Land Economics* 94(1): 36-51.

Hrozencik, R.A., D.T. Manning, J.F. Suter, C. Goemans, R. Bailey. 2017. The Heterogeneous Impacts of Groundwater Management Policies in the Republican River Basin of Colorado. *Water Resources Research* 53.

Magzamen, S., A.P. Mayer, S. Barr, L. Bohren, B. Dunbar, D. Manning, S. J. Reynolds, J.W. Schaeffer, J.F. Suter, J.E. Cross. 2017. A Multidisciplinary Research Framework on Green Schools: Infrastructure, Social Environment, Occupant Health, and Performance. *Journal of School Health* 87(5): 376-387.

Miao, H., J. Fooks, T. Guilfoos, K.D. Messer, S.M. Pradhanang, J.F. Suter, S. Trandafir, E. Uchida. 2016. The Impact of Information on Behavior under an Ambient-based Policy for Regulating Nonpoint Source Pollution. *Water Resources Research* 52(5): 3294–3308

Colbert-Sangree, N., and J.F. Suter. 2015. Community Based Fishery Management within the Menai Bay Conservation Area: A Survey of the Resource User. *Marine Policy*. 60: 171-177.

Saini, V., and J.F. Suter. 2015. Capacity Constraints and Information Revelation in Procurement Auctions: Experimental Evidence. *Economic Inquiry*. 53: 1236-1258.

Li, J., H.A. Michael, J.M. Duke, K.D. Messer, J.F. Suter. 2014. Impact of Risk Information in a Spatially Explicit Groundwater Environment with Contamination Risk: Experimental Evidence. *Water Resources Research*. 50: 6390–6405.

Liu, Z., J.F. Suter, J.M. Duke, K.D. Messer, H.A. Michael. 2014. Laboratory Evidence on Strategic Investment in Accessing Groundwater Resources. *Resource and Energy Economics*. 38: 181-197.

Suter, J.F., and C.A. Vossler. 2014. Towards an Understanding of the Performance of Ambient Tax Mechanisms in the Field: Evidence from Upstate New York Dairy Farmers. *American Journal of Agricultural Economics* 96: 92-107.

Vossler, C.A., J.F. Suter, G.L. Poe. 2013. Experimental Evidence on Dynamic Pollution Tax Policies. *Journal of Economic Behavior & Organization* 93: 101-115.

Suter. J.F., and M.D. Shammin. 2013. Returns to Residential Energy Efficiency and Conservation Measures: a Field Experiment. *Energy Policy* 59: 551-561.

Messer, K.D, J.F. Suter, J. Yan. 2013. Context Effects in a Negatively Framed Social Dilemma Experiment. *Environmental and Resource Economics* 55(3): 387-405.

Suter. J.F., J.M. Spraggon, G.L. Poe. 2013. Thin and Lumpy: an Experimental Investigation of Water Quality Trading. *Water Resources and Economics* 1: 36-60.

A summary of this article appears as Discussion Paper No. 1328 in the *Global Water Forum*.

Suter, J.F., J.M. Duke, K.D Messer, H.A. Michael. 2012. Behavior in a Spatially Explicit Groundwater Resource: Evidence from the Lab. *American Journal of Agricultural Economics* 94(5): 1094-1112.

Conrad, J.M., C.P. Gomes, W. van Hoeve, A. Sabharwal, and J.F. Suter. 2012. Wildlife Corridors as a Connected Subgraph Problem. *Journal of Environmental Economics and Management* 63(1): 1-18.

Shammin, M.D., J.E. Petersen, J.F. Suter. 2011. Cooling off a Warming Planet: Analyzing the Tradeoffs in Policies for Climate Change. *National Center for Case Study Teaching in Science* 1-7.

Suter, J.F., K. Segerson, C.A. Vossler, G.L. Poe. 2010. Voluntary-Threat Policies to Reduce Ambient Water Pollution. *American Journal of Agricultural Economics* 92(4): 1195-1213.

Suter, J.F., C.A. Vossler, G.L. Poe. 2009. Ambient-Based Pollution Mechanisms: A Comparison of Homogeneous and Heterogeneous Groups of Emitters. *Ecological Economics* 48(4): 1146-1158.

Suter, J.F., C.A. Vossler, G.L. Poe, K. Segerson. 2008. Experiments on Damage-Based Ambient Taxes for Nonpoint Source Polluters. *American Journal of Agricultural Economics* 90(1): 86-102.

Suter, J.F., N.L. Bills, G.L. Poe. 2008. Do Landowners Respond to Land Retirement Incentives? Evidence from the Conservation Reserve Enhancement Program. *Land Economics* 84(1): 17-30.

Laquatra, J., R. Pendall, D.L. Kay, J.F. Suter, N.L. Bills. 2007. The Changing Nature of Housing Markets in Upstate New York. *Housing and Society* 34(1): 43-52.

Poe, G.L., W.D. Schulze, K. Segerson, J.F. Suter, C.A. Vossler. 2004. Exploring the Performance of Ambient-Based Policy Instruments when Nonpoint Source Polluters can Cooperate. *American Journal of Agricultural Economics* 86(5): 1203-1210.

OTHER PUBLICATIONS

Kroll, S., and J.F. Suter. 2017. Introduction to the Special Issue: Experiments on Environmental and Natural Resource Policies. *Strategic Behavior and the Environment* 7(1–2): 1-7.

Guerrero, B., B. Golden, K. Schoengold, J.F. Suter, A. Stoecker, C. Goemans, and D. Manning. 2017. Groundwater Laws Across the Ogallala Aquifer Region. *Colorado Water,* Nov/Dec: 12-15.

Ronayne, M., T. Sale, J.F. Suter, and D. Shugert. 2017. Evaluating the Energy Cost of Groundwater Production in the Denver Basin Aquifers. *Colorado Water,* Sep/Oct: 12-15.

EXTERNAL GRANT ACTIVITY

National Science Foundation, 2019 -2024. Improving crop yield and soil salinity by cost-effective integration of microbial community, hydrology, desalination, and renewable power. Co-PI.

US Department of Agriculture - National Institute of Food and Agriculture, 2019 -2022. Collective Action and Mental Scarcity. Co-PI.

US Forest Service – Cooperative Agreement, 2019 -2021. Behavioral Interventions to Improve Outcomes in Forest Service Campsites. PI.

US Department of Agriculture - National Institute of Food and Agriculture, 2017 -2021. Improved Modeling Framework for Assessing Phosphorus and Nitrogen Transport in Tile-Drained Watersheds. Co-PI.

US Department of Agriculture - National Institute of Food and Agriculture, 2017 -2020. Understanding Agricultural Water use Behavior through Randomized Controlled Trials. Co-PI.

US Department of Agriculture - National Institute of Food and Agriculture, 2016 -2020. Preserving the Ogallala-High Plains Aquifer: New Science for Sustaining Agriculture, Ecosystem Services and Promoting Global Food Security. Collaborator.

Center for Behavioral and Experimental Agri-Environmental Research, 2016 -2018. Evaluating the Impact of Economic Research Results on Attitudes Related to Groundwater Management Policies: A Randomized Control Trial. Co-PI

Colorado Water Conservation Board and South Platte Basin Roundtable, 2015 -2017. Economic Analysis and Design of Policies to Reduce Colorado's Groundwater Use in the Northern High Plains Ground Water Basin. Co-PI

National Science Foundation – funding support from the Decision, Risk and Management Sciences and Hydrologic Sciences Programs, 2010-2014. An Experimental Economics Investigation of Groundwater Resource Dynamics. PI.

INVITED SEMINARS

University of Minnesota (Fall 2019), University of British Columbia (Spring 2017), Marquette University (Fall 2016), Purdue University (Spring 2016), Resources for the Future (Fall 2015), Colorado State University (Spring 2015), University of Nebraska (Fall 2014), University of Wyoming (Spring 2014), Colorado School of Mines (Spring 2014), Bates College (Spring 2013), United States Department of Agriculture (Spring 2012), Binghamton University (Fall 2011), Worcester Polytechnic Institute (Fall 2010), Kent State University (Fall 2009), University of Massachusetts – Amherst (Fall 2009; Spring 2010), Cleveland State University (Spring 2008), Western Michigan University (Spring 2008), University of Illinois (Fall 2007)

COURSES TAUGHT

Land Use Economics and Spatial Modelling (Colorado State University)
Advanced Environmental and Natural Resource Economics (Colorado State University)
Applied Welfare Economics and Public Policy (Colorado State University)
Issues in Environmental Economics (Colorado State University)
Environmental Economics (Oberlin College)
Natural Resource Economics and Policy (Oberlin College)
Principles of Economics (Oberlin College)
Seminar in Water Resource Economics (Oberlin College)
Honors Seminar in Economics (Oberlin College)
Environmental and Natural Resource Economics (Wells College)

GRADUATE ADVISING

MOSTAFA SHARTAJ, PH.D. (CURRENT)
PUTRI DARA, PH.D. (CURRENT)
FARJANA AHMED, PH.D. (CURRENT)
DI SHENG, PH.D. (CURRENT)
MATTHEW ELMER, PH.D. (2019) [CO-ADVISOR]
AARON HROZENCIK, PH.D. (2019) [CO-ADVISOR]
LACEY MOORE, M.S. (2018)
RYAN SHEPLER, M.S. (2017)
RANDALL MONGER, M.S. (2016)
SAMUEL COLLIE, M.S. (2015)
SUSAN EKOH, M.S. (2015)
JOHN MILLER, M.S. (2014)

AWARDS AND HONORS

Oberlin College Andrew Delaney Fellowship in the Social Sciences. 2010.
Masters Thesis Award of Merit, Northeast Agricultural and Resource Economics Association. 2005.
Avery Leiserson Award, Top Undergraduate Paper in Political Science, Vanderbilt University. 1999.

PROFESSIONAL SERVICE

Associate Editor: American Journal of Agricultural Economics (S16 – Present)
Editorial Board: Journal of Agricultural and Resource Economics (S15 – Present)
Editorial Board: Agricultural and Resource Economics Review (S12 – Present)
Guest Editor: Strategic Behavior and the Environment (F15 – F17)
Conference Co-organizer: Water Management Strategies for Addressing Long-Term Drought and Climate Uncertainty, Salt Lake City, UT (S15-F15)
Chair: W3190: Management and Challenges in a Water-Scarce World (F14 – F15)
Secretary: W3190: Management and Challenges in a Water-Scarce World (F13 – F14)