

December 2018

Catherine Louise Kling

**Tisch University Professor of Environmental, Energy, and Resource Economics
Charles H. Dyson School of Applied Economics and Management
Faculty Director, David R. Atkinson Center for a Sustainable Future**

OFFICE ADDRESS

464 Warren Hall
Cornell University
Ithaca, NY 14853
255-4647

HOME ADDRESS

201 White Park Road
Ithaca, NY 14850

ELECTRONIC ADDRESSES

ckling@cornell.edu

EDUCATION

Ph.D. Economics, University of Maryland, College Park, Maryland, 1986
B.B.A. Business and Economics, University of Iowa, Iowa City, Iowa, 1981

EXPERIENCE

Charles F. Curtiss Distinguished Professor of Economics, Iowa State University, 1996-2018
Director, Center for Agricultural and Rural Development, Iowa State University, 2013-2018
Interim Director, 2011-13

President's Chair in Environmental Economics, Iowa State University, 2015-2018
Head, Resource and Environmental Policy Division, Center for Agricultural and Rural
Development, Iowa State University, 1999-2017

Visiting Researcher, University of East Anglia, U.K., School of Environmental Sciences,
Jan-July, 2009

Visiting Researcher, LEERNA-INRA, IDEI, University of Toulouse, France, Jan-July, 2003
Associate Professor of Economics, Iowa State University, 1993-1996

Associate and Assistant Professor of Agricultural Economics, University of California, Davis,
1986-1993

PROFESSIONAL AWARDS AND SERVICE

National Academy of Sciences, elected 2015

Fellow: Association of Environmental and Resource Economists (AERE), elected 2015
American Agricultural Economics Association (AAEA), elected 2006

University Fellow, Resources for the Future, 2015-2018

Committees of the National Academies of Engineering, Science, and Medicine:

Water Science and Technology Board, chair, 2017-2020; member 2012-2017

National Academies' Report Review Committee, 2018-2020

Committee on Improving Data Collecting and Reporting about Agriculture with
Increasingly Complex Farm Business Structure, chair 2016-18

Committee on Scientific Tools and Approaches for Sustainability, member 2013-14

Planning Committee on Exploring the True Cost of Food, Institute of Medicine, 2011-12
 Committee to Improve Federal Water Resource Planning, National Research Council,
 Water Science and Technology Board, 2010
 Committee on Health, Environmental, and Other External Costs and Benefits of Energy
 Production and Consumption, National Research Council, 2008-2009
 Agricultural Resource Management Survey Panel, National Research Council, 2006-07
 Committee to Assess the U.S. Army Corps of Engineers Methods of Analysis and Peer
 Review for Water Resources Project Planning, National Research Council, 2002-2003
 U.S. Environmental Protection Agency, Science Advisory Board:
 Executive Board, 2003-2010, member
 Agricultural Science Committee, 2016-2018, member, removed 2017
 Environmental Economics Advisory Committee, 1998-2003, Chair, 2006- 2011
 Committee on Science Integration for Decision Making, 2009-2010, member
 Hypoxia Advisory Panel, 2006-2008, member and co-leader
 Illegal Competitive Advantage Economic Benefit Advisory Panel, 2005
 Advisory Committees and Other Board Service:
 Center for Environmental Decision Making, Carnegie Mellon, Advisory Board, 2016-
 International Food Policy Research Institute (IFPRI), Board of Trustees, 2011-2016
 ASU Decision Center for a Desert City, External Advisory Committee, 2014 -
 Sustainable Management of Crop Health (SMaCH), French National Institute for
 Agricultural Research (INRA), Scientific Advisory Board, 2014 -
 Leopold Center for Sustainable Agriculture, Advisory Board, 2014 -
 Formal Mentoring Activities:
 Mentor, Committee on the Status of Women in the Economics Profession, Regional
 meeting, Chicago, Ill, 2007; National meeting, Boston, MA, 2015
 Invited speaker, ADVANCE Seminar and roundtable, University of Maryland, Fall 2013
 and Texas A&M University, Spring 2014
 Invited Speaker, University of Rhode Island faculty mentoring program, 2005
 Association of Environmental and Resource Economists:
 President Elect, 2010, President 2011-2012, Outgoing President 2013
 Committee to Select Publication of Enduring Quality, Member, 2008-2010
 Vice President, 2002-2003,
 Board of Directors, 1996-98
 Nominating Committee, 1991, Contributed Papers Committee, 1991-1992
 Research Awards:
 Bruce Gardner Memorial Prize for Applied Policy Analysis, Agricultural and Applied
 Economics Association, 2012
 Outstanding Journal Article Award, *Canadian Journal of Agricultural Economics*, 2007
 College of Agriculture and Life Sciences Team Award, 2008
 First place and “Best of Show” award, EPA Science Forum Poster Competition,
 Washington D.C., 2004
 American Agricultural Economics Association Poster Competition, 2006 2nd place award,
 2005 2nd place award, 2004 2nd place award, and 2003 1st place award
 American Agricultural Economics Association, Quality of Research Discovery Award,
 Honorable Mention, 2000 and 2001
 Western Agricultural Economics Association Outstanding Published Research, 1998

American Agricultural Economics Association:

Fellow's Address, annual meetings, Denver, CO, 2010

Fellow's Selection Committee, Member, 2008-2010, 2014-2016, Chair, 2016-

Nominating Committee, Member, 2008-2010, Board of Directors, Member, 2000-2003

Quality of Research Discovery Committee, 1996, Chair, 1994-1995, Member,

Selected Papers Committee, 1989, Co-Chair

Editorial Service:

Review of Environmental Economics and Policy, Editor, 2018- 2020, Editorial Board, 2015-2017

Proceedings of the National Academy of Sciences, Editor

Australian Journal of Agricultural and Resource Economics, Editorial Board, 2014-

Annual Review of Resource Economics, Editorial Board, 2012-

Encyclopedia of Energy, Natural Resource and Environmental Economics, Senior Editor, 2010 – 2014

Journal of Agricultural and Applied Economics, Editorial Council, 2010-

Applied Economics Perspectives and Policy, Editorial Board, 2009-

Land Economics, Editorial Board, 2001-

Journal of Agricultural and Resource Economics, Editorial Council, 2000 -

Journal of Environmental Economics & Management, Associate Editor, 1992-1993, Editorial Council, 1988-1991, 1998-2005

American Journal of Agricultural Economics, Associate Editor, 1994-1996

Resources for the Future:

Selection Committee for "Frontiers in Environmental Economics Conference," 2008

Selection Committee for John Krutilla Memorial Stipend, 2008-current

Western Agricultural Economics Association:

M.S. Thesis Award Committee, 1992, Member,

Best Journal Article Committee, 1991, 1997, Member

PH.D. STUDENTS and POST-DOCS, major/co-major professor, year of degree, first placement

Kevin Meyer, 2017, Saginaw Valley State University, Michigan, Assistant Professor

Jimena Gonzalez-Ramirez, 2016, Manhattan College, New York City, Assistant Professor

Mainul Hoque, 2015, Bangladesh Institute of Development Studies, Bangladesh

Jiaqi Ge, 2014, James Hutton Institute, Aberdeen Scotland, Social Systems Simulation Modeler

Adriana Valcu, 2013, Center for Agric. and Rural Development, Iowa State University

Keith Evans, 2011, St. Lawrence University, Assistant Professor

Subhra Bhattacharjee, 2010, Oberlein College, visiting Assistant Professor and United Nations Development Program, New York, NY

Manoj Jha (post-doc), 2010, North Carolina A&T University, Assistant Professor

Mira Nurmakhanova, 2008, Almaty State University, Kazakhstan, faculty appointment

Chih-Chen Liu, 2008, National University of Kaohsiung, Taiwan, Assistant Professor

Sergey Rabotyagov, 2007, University of Washington, Seattle, Assistant Professor

Christopher Burkart, 2006, University of Western Florida, Assistant Professor

Shikha Marwah, 2003, St. Edwards University, Lecturer

Kevin Egan, 2003, University of Toledo, Assistant Professor

Jay Corrigan, 2001, Kenyon College, Assistant Professor
Silvia Secchi (post-doc), 2001, Southern Illinois University, Assistant Professor
Christopher Azevedo, 2000, Central Missouri State University, Assistant Professor
Uwe Schneider (post-doc), 1999, University of Hamburg, Germany, Lecturer
Hongli Feng, 1999, Center for Agric. and Rural Development, Iowa State University
Lyubov Kurkalova (post-doc), 1999, Southern Illinois University, Assistant Professor
John Crooker, 1998, Texas Tech University, Assistant Professor
Daniel Phaneuf, 1996, North Carolina State University, Assistant Professor
Jonathan Rubin, 1990, University of Tennessee, Assistant Professor
Marca Weinberg, 1989, Economic Research Service, USDA

GRANTS AND CONTRACTS

US Department of Agriculture, NRCS, “Monetizing Water Quality Benefits from the EQIP Program,” 2017-2019 \$150,000

Iowa Environmental Council.” Economics of Clean Water in Iowa: Costs and Benefits of Pollution Reduction,” 2017-2018 \$25,000.

US Environmental Protection Agency, “Valuing Water Quality Improvements in Midwestern Ecosystems: Spatial Variability, Validity and Extent of the Market for Total Value,” (Principal Investigator), 2016-2019, \$800,000.

National Science Foundation, “FEW: Coupling Economic Models with Agronomic, Hydrologic, and Bioenergy Models for Sustainable Food, Energy, and Water Systems,” (Principal Investigator), 2015, \$46,000.

National Science Foundation, SESYNC, “The Value of Water Quality to Lake Recreation: Evidence from Geotagged Social Media,” (Principal Investigator), 2015-2016, \$70,740.

US Department of Agriculture, ERS, “Nudging in the Face of Risk and Ambiguity Aversion: Adopting Cover Crops to Reduce Nutrient Pollution,” (Principal Investigator), 2015-17, \$75,000.

US Department of Agriculture, NIFA, “The Value of Water Quantity vs Quality: Assessing the Tradeoffs between Agricultural yields and Downstream Uses of Water Resources,” (co-Principal Investigator), 2015-2018, \$660,000.

Iowa Department of Natural Resources, “Valuing Water Quality Improvements in Iowa Lakes, 2014” (Principal Investigator), 2014-2015, \$130,000.

Iowa Nutrient Center, College of Agriculture and Life Sciences, Iowa State University. “Economic and Social Science Perspectives,” (Principal Investigator), 2013-14, \$116,000.

National Science Foundation, “Climate and Human Dynamics as Amplifiers of Natural Change: A Framework for Vulnerability Assessment and Mitigation Planning, (Principal Investigator,

collaborative proposal, lead U Minnesota), 2012-2016, \$480,000.

US Department of Agriculture, Policy Research Center, “The Center for Agricultural and Rural Development at Iowa State University,” (Principal Investigator), 2012-2014, \$768,000.

US Department of Agriculture, Bioenergy Coordinated Agriculture Program, National Institute of Food and Agriculture (co-Principal Investigator), 2011-2015, \$300,000.

US Department of Agriculture, Climate and Corn-Based Cropping Systems Coordinated Agriculture Program, National Institute of Food and Agriculture (co-Principal Investigator), 2011-2015, \$640,000.

National Science Foundation, “Northern Gulf of Mexico Hypoxia and Land Use in the Watershed: Feedback and Scale Interactions,” (Principal Investigator), 2010-2012, \$650,000.

US Department of Agriculture, NRCS, “Water Quality Benefits from Agricultural Conservation Actions and Programs,” (Principal Investigator), 2010-2011, \$50,000.

US Department of Agriculture, Economic Research Service, “The Supply of Greenhouse Gas Offsets from Agriculture and their Water Quality Effects in the Upper Mississippi River Basin,” (Principal Investigator), 2010-2011, \$100,000.

US Department of Agriculture, Economic Research Service, “Evaluating the Integrity of Agricultural GHG Offsets: The Costs and Consequences of Alternative Baselines and Program Options,” (Principal Investigator), 2010-2013, \$120,000.

US Environmental Protection Agency, “A Market Feasibility Assessment for Water Quality Trading and Reverse Auctions in the Raccoon River Watershed,” (Principal Investigator), 2009-2010, \$200,000.

US Environmental Protection Agency, “A Market Feasibility Assessment for Reverse Auctions in the Walnut Creek Watershed,” (Principal Investigator), 2009-2010, \$200,000.

US Environmental Protection Agency, STAR grant, “A Market Feasibility Assessment for Reverse Auctions in the Boone River Watershed,” (Principal Investigator), 2009-2010, \$200,000.

Iowa Department of Natural Resources, “Economic Impact and Value of Preserving and Restoring Water Quality in Iowa’s Lakes,” (co-Principal Investigator), 2009-2010, \$130,000.

Iowa Department of Natural Resources, “Understanding the Usage Patterns and Most Desirable Characteristics of Iowa’s Rivers and Streams,” (co-Principal Investigator), 2009-2010, \$130,000.

Department of Energy, “Expansion of Ethanol Production: Evaluation of Costs and Benefits to Rural Communities in the Upper Mississippi River Basin,” (co-PI) 2006-2010, \$625,000.

National Science Foundation, “Social Complexity and the Management of the Commons,” (Principal Investigator) 2006-2010, \$250,000.

US Department of Agriculture, Natural Resource Conservation Service “Environmental Credit Trading Handbook,” (Principal Investigator), 2006-2007, \$84,000.

USDA/NASA “Interactive Drivers of Land-Use/Land-Cover Change in Agricultural Areas: Climate and Land-Manager Choices,” (Principal Investigator), 2006-2008, \$475,000.

Iowa Department of Natural Resources, “Restoring Water Quality in Iowa Lakes,” 2006-2007 (co-Principal Investigator), \$70,000.

Iowa Farm Bureau, Iowa Soybean Association, Iowa Corn Growers Association, and the Leopold Center, “Conservation Practices in Iowa: Historical Investments, Water Quality, and Gaps,” (Principal Investigator), 2006, \$75,000.

US Department of Agriculture, CSREES, “Water Resource Degradation in the Boone Watershed: Integrating Stakeholder Knowledge and Preferences with Economic and Watershed Models,” (Principal Investigator), 2005-2008, \$590,000.

National Science Foundation, “Biocomplexity of Integrated Perennial-Annual Agroecosystems,” (co-Principal Investigator), 2005-2007, \$100,000.

Cooperative State Research, Education, and Extension Service, USDA, “Economic and Water Quality Effects of Multiple Conservation Practices in Three Midwest Watersheds,” 2004-2007 (Principal Investigator), \$640,000.

US Environmental Protection Agency special grant (noncompetitive), “Resource and Agricultural Policy System,” (Principal Investigator) over \$2,500,000, 1999-2006.

Iowa State Water Resources Research Institute, “Improving Water Quality in Iowa Rivers: Cost-Benefit Analysis of Adopting New Conservation Practices,” 2005-2006 (co-PI), \$40,000.

Economic Research Service, USDA, “Improving Estimates of the Non-market Benefits of Conservation Programs,” 2004-2005 (co-Principal Investigator), \$70,000.

Iowa Department of Natural Resources, “Costs of Adopting Conservation Practices on Agricultural Cropland in Iowa and Possible Nutrient Standards,” 2004 (PI) \$53,000.

National Science Foundation/ Environmental Protection Agency Joint Competition, “Valuing Water Quality in Midwestern Lake Ecosystems: Temporal Stability and the Role of Information in Value Formation,” 2002-2005 (co-Principal Investigator), \$430,000.

Consortium for Agricultural Soils Mitigation of Greenhouse Gases (CASMGs), USDA, 2003-2004 (Principal Investigator), \$1,300,000.

Iowa Department of Natural Resources, "Valuing Water Quality Improvements in Iowa Lakes," 2002 (co-Principal Investigator), \$81,000.

Environmental Protection Agency, "Heartland Environmental and Resource Economics Workshop," (Principal Investigator), 1999-2001, \$65,000, 2002-2005, \$65,000.

Miller Faculty Fellowship, Iowa State University, "Active Learning in Introductory Economics with a Focus on the Environment," 1997-1998 (co-Principal Investigator), \$17,000.

National Science Foundation/ Environmental Protection Agency Joint Competition, 1998, "An Examination of Utility Consistent Approaches to Modeling Corner Solutions in Recreation Demand," 1998-2000 (co-Principal Investigator), \$135,000.

National Science Foundation/ Environmental Protection Agency Joint Competition, 1996, "Updating Prior Methods for Non-Market Valuation: A Bayesian Approach to Combining Disparate Sources of Environmental Values," 1996-1998 (co-Principal Investigator), \$210,000.

Environmental Protection Agency STAR Grant, "The Robustness of Welfare Estimates for Environmental Goods from Discrete Choice Recreational Demand Models," 1995-1997 (co-Principal Investigator), \$88,000.

University-wide Energy Research Group, "Economic Efficiency of Marketable Credits for Alternative Transportation Fuels," 1992-1993 (Principal Investigator) \$24,000.

USDA Cooperative Agreement, "Economic Incentives to Reduce Agricultural Pollution of Water Resources," 1990-92 (co-Principal Investigator), \$120,000.

California Institute for Energy Efficiency, "The Use of Economic Incentives to Introduce Electric and Natural Gas Vehicles and Reduce Mobile Source Emissions," 1990-92 (Principal Investigator) \$180,000.

Public Service Research and Dissemination Program Grant, "Economic Incentives for the Control of Agricultural Non-Point Source Water Pollution," 1988-89 (co-Principal Investigator).

Giannini Foundation of Agricultural Economics and Faculty Research Grants, UC Davis (Principal Investigator), 1987-88, 1988-89.

PRESENTATIONS At conferences and professional meetings:

Agricultural and Applied Economics Association (former American Agricultural Economics Association), Agricultural Policy Forum, Agricultural Outlook Forum, Allied Social Sciences Association, Association of Environmental and Resource Economics, Annual Water Monitoring Conference, Australian Agricultural and Resource Economics Association, Camp Resources, Carbon Sequestration Modeling Forum, Catchment Scale Research and Evaluation for Agriculture and Water Quality (Dublin), Colorado Environmental and Resource Economics Workshop, Danish Environmental Economics Conference, Ecological Society of America, EPA

Conference on Water Quality in Major Rivers, Estuarine Research Federation, European Agricultural Economics Association, European Association of Environmental and Resource Economists, The Farm Bill and the Environment Workshop, Fate of the Earth Summit, RFF Frontiers of Environmental Economics, Collecting Global Expertise to Address the Problem of Harmful Algal Blooms, Global Environmental Frontiers Conference, Shanghai, Heartland Environmental and Resource Economics Conference, Iowa Environmental Council, Iowa Water Center, Workshop on Linking Biophysical and Economic Models of Biofuel Production and Environmental Impacts, Midwest Regional Wildlife Conference, Northeast Agricultural and Resource Economics Association Workshop, National Academy of Science Roundtable on Environmental Health, National Research Council Committees, National Bureau of Economic Research, National Science Foundation Workshop on Environmental Observatories, OECD Workshop on Evaluating Agri-Environmental Policies, Seed Science Convention, Soil and Water Conservation Society, Southern Economics Association, USDA-CSREES National Water Conference, Urban Ag Academy, UC Santa Barbara workshop on Marketable Permits, W-133 Regional Meetings, Western Agricultural Economics Association, Western Economics Association, World Congress of Environmental and Resource Economists.

PRESENTATIONS At universities and research institutions:

California Institute for Energy Efficiency, Arizona State University, Center for Earth Surface Dynamics (Minnesota), East Carolina University, Institute on the Environment (Minnesota), International Food Policy Research Institute (Washington DC), INRA (Rennes, France), Iowa State University, Michigan State University, North Carolina State University, The Ohio State University, Oregon State University, Pennsylvania State University, Resources for the Future, Texas A&M University, Triangle Resource and Environmental Economics Seminars, USDA Economic Research Service, USDA Natural Resource Conservation Service, University of Aarhus, (Roskilde, DK), University of Alberta, (Edmonton, CA), University of British Columbia, Vancouver, BC, University of California Davis, University of East Anglia (Norwich, UK), University of Florida, University of Georgia, University of Illinois, University of Iowa, University of Kansas, University of Maine, University of Maryland, University of Minnesota, University of Nebraska Lincoln, University of Oklahoma, University of Rhode Island, University of Tennessee, Knoxville, University of Toulouse (France), University of Wisconsin, Virginia Tech University.

BOOKS

Freeman, A. Myrick III, Joseph A. Herriges and Catherine L. Kling. *The Measurement of Environmental and Resource Values: Theory and Methods*, Third edition, RFF Press, 2014.

Kling, C. (managing editor) *Encyclopedia of Energy, Natural Resource, and Environmental Economics, Volume 3*, Elsevier, 2013. Shogren, J. Editor-in-Chief.

Herriges, J. and C. Kling, editors. *Revealed Preferences Approaches to Environmental Valuation, The International Library of Environmental Economics and Policy, Volumes I and II*, Ashgate Publishing, 2008.

JOURNAL ARTICLES

Keiser, D., C.L. Kling, and J.S. Shapiro. "The Low but Uncertain Measured Benefits of US Water Quality Policy," *Proceedings of the National Academy of Sciences* (2019): forthcoming

Kling, C.L., and D.J. Phaneuf. "How are Scope and Adding up Relevant for Benefits Transfer?" *Environmental and Resource Economics* 69:3(2018): 483-502

Kling, C.L., R.W. Arritt, G. Calhoun, and D.A. Keiser. "Integrated Assessment Models of the Food, Energy, and Water Nexus: A Review and an Outline of Research Needs," *Annual Review of Resource Economics* 9(2017): 143-163.

Valcu, A., C. Kling, and P. Gassman. "The Optimality of Using Marginal Land for Bioenergy Crops: Tradeoffs between Food, Fuel, and Environmental Services," *Agricultural and Resource Economics Review* 45(2016): 217-245.

Rabotyagov, S., A. Valcu, and C. Kling. "Resilient Provision of Ecosystem Services from Agricultural Landscapes: Tradeoffs involving Means and Variances of Water Quality Improvements," *American Journal of Agricultural Economics* 98(2016): 1295-1313.

Bullerjahn, G.S., R.M. McKay, T. W. Davis, D. Baker, G. Boyer, L D'Anglada, G. Doucette, J. Ho, E. Irwin, C. Kling, et al. "Global Solutions to Regional Problems: Collecting Global Expertise to Address the Problem of Harmful Cyanobacterial Blooms: A Lake Erie Case Study," *Harmful Algae* special Issue, 54(2016): 223-238.

Panagopoulos, Y., P.Gassman, M. Jha, C. Kling, T. Campbell, R Srinivasan, M. White, and J. Arnold. "A Refined Regional Modeling Approach for the Corn Belt: Recommendations for Large-Scale Integrated Modeling," *Journal of Hydrology* 524(2016): 348-66.

Ji, Y., J. Herriges, and C. Kling. "Modeling Recreation Demand when the Access Point is Unknown," *American Journal of Agricultural Economics* 98:3 (2016): 860-880.

Kim, Y., C. Kling, J. Zhao. "Understanding Behavioral Explanations of the WTP-WTA Divergence through a Neoclassical Lens: Implications for Environmental Policy," *Annual Review of Resource Economics* 7(2015): 169-187.

Keeler, B., S. Wood, S. Polasky, C. Kling, C. Filstrup, and J. Downing. "Recreational Demand for Clean Water: Evidence from Geotagged Photographs by Visitors to Lakes" *Frontiers in Ecology and the Environment* 13(2015): 76-81.

Rabotyagov, S., T. Campbell, M. White, J. Arnold, J. Atwood, L. Norfleet, C.L. Kling, P.W. Gassman, A.M. Valcu, J. Richardson, R.E. Turner, and N.N. Rabalais, "Cost-Effective Targeting of Conservation Investments to Reduce the Northern Gulf of Mexico Hypoxic Zone," *Proceedings of the National Academy of Sciences* 111:52(2014): 18530-18535

Rabotyagov, S., A Valcu, and C. Kling. "Reversing the Property Rights: Practice-Based Approaches for Controlling Agricultural Nonpoint-Source Water Pollution When Emissions Aggregate Nonlinearly" *American Journal of Agricultural Economics* 96:2(2014): 397-419.

Rabotyagov, S., C. Kling, P. Gassman, N. Rabalais, and R. Turner. "The Economics of Dead Zones: Causes, Impacts, Policy Challenges, and a Model of the Gulf of Mexico Hypoxic Zone," *Review of Environmental Economics and Policy*, 8:1(2014):58-79

Kling, C., Y. Panagopoulos, A. Valcu, P. Gassman, S. Rabotyagov, T. Campbell, M. White, J. Arnold, R. Srinivasan, M. Jha, J. Richardson, R.E. Turner, and N. Rabalais. "Land Use Model Integrating Agriculture and the Environment (LUMINATE): Linkages between Agricultural Land Use, local Water Quality and Hypoxic Concerns in the Gulf of Mexico Basin," *European Review of Agricultural Economics*, special issue, 41:3(2014):431-459

Panagopoulos, Y., P. Gassman, R. Arritt, D. Herzmann, T. Campbell, M. Jha, C. Kling, R. Srinivasan, M. White and J. Arnold. "Surface Water Quality and Cropping Systems Sustainability under a Changing Climate in the Upper Mississippi River Basin," *Journal of Soil and Water Conservation* 69:6(2014):483-494.

Liu, C-C., J. Herriges, C. Kling, S. Secchi, J. Nassauer, and D. Phaneuf. "A Comparison of Value Elicitation Question Formats in Multiple-Good Contingent Valuation," *Frontiers of Economics in China* 9:1(2014): 85-108.

Rabotyagov, S., A Valcu, T. Campbell, P.W. Gassman, M. Jha, and C.L. Kling. An Improved Reverse Auction for Addressing Water Quality in Agricultural Watersheds Using Coupled Simulation-Optimization Models," *Frontiers of Economics in China* 9:1(2014): 25-5.

Kling, C. "State Level Efforts to Regulate Agricultural Sources of Water Quality Impairment," *Choices*, 3rd quarter, 2013.

Kling, C., J. List, and J. Zhao. "A Dynamic Explanation of the Willingness to Pay and Willingness to Accept Disparity," *Economic Inquiry* 51:1 (2013): 909-921.

Schilling, K., P. Gassman, C. Kling, T. Campbell, M. Jha, C. Wolter, and J. Arnold. "The Potential for Agricultural Land Use Change to Reduce Flood Risk in a Large Watershed," *Hydrological Processes* (2013), wileyonlinelibrary.com, DOI: 10.1002/hyp.9865.

Kling, C., D. Phaneuf, and J. Zhao. "From Exxon to BP: Has Some Number Become Better than No Number?" *Journal of Economic Perspectives* 26:4(2012): 3-26.

Gonzalez-Ramirez, J., A.M. Valcu, and C. Kling. "An Overview of Carbon Offsets from Agriculture," *Annual Review of Resource Economics* 4 (2012): 145-160.

Kling, C. "Economic Incentives to Improve Water Quality in Agricultural Landscapes: Some New Variations on Old Ideas," *American Journal of Agricultural Economics* invited Fellows address, 93(2011): 297-309.

Secchi, S., P. Gassman, M. Jha, L. Kurkalova, and C. Kling. "The Water Quality Effects of Corn Expansion in the Midwest," *Ecological Applications, special issue* 21 (2011): 1068-1084.

Kling, C., K. Segerson and J. Shogren. "Environmental Economics: How Agricultural Economists Helped Advance the Field," *American Journal of Agricultural Economics, special centennial issue* 92(2010): 487-505.

Herriges, J., C. Kling, C. Liu, and J. Tobias. "What are the Consequences of Consequentiality?" *Journal of Environmental Economics and Management* 59 (2010):67-81.

Rabotyagov, S., T. Campbell, M. Jha, P. Gassman, S. Secchi, L. Kurkalova, H. Feng, J. Arnold, and C. Kling. "Least Cost Control of Agricultural Nutrient Contributions to the Gulf of Mexico Hypoxic Zone," *Ecological Applications* 20 (2010):1542-1555.

Zhao, J. and C. Kling. "Welfare Measures When Agents Can Learn: A Unifying Theory," *Economic Journal* 119(2009): 1560-1585.

Egan, K., J. Herriges, C. Kling, and J. Downing. "Recreation Demand Using Physical Measures of Water Quality," *American Journal of Agricultural Economics* 91(2009):106-123.

Corrigan, J., C. Kling and J. Zhao. "Dynamic Willingness to Pay: An Empirical Specification and Test," *Environmental and Resource Economics*, 40(2008): 285-298.

Bhattacharjee, S., J. Herriges, and C. Kling. "The Status of Women in Environmental Economics," *Review of Environmental Economics and Policy*, 1(2007): 212-227.

Feng, H., L. Kurkalova, C. Kling, and P. Gassman "Transfer and Environmental Co-benefits of Carbon Sequestration in Agricultural Soils: Retiring Agricultural Land in the Upper Mississippi River Basin," *Climatic Change*, 80(2007): 91-107.

Secchi, S., P. Gassman, M. Jha, L. Kurkalova, H. Feng, T. Campbell, and C. Kling "The Cost of Cleaner Water: Assessing Agricultural Pollution Reduction at the Watershed Scale," *Journal of Soil and Water Conservation*, 62(2007):10-20.

Kling, C., M. Helmers, M. Tomer, T. Isenhardt, T. Moorman, and W. Simpkins. "Agriculture and Water Quality in the Cornbelt: Overview of Issues and Approaches," *Choices* 22(2007).

Schilling, K., M. Tomer, P. Gassman, T. Isenhardt, T. Moorman, W. Simpkins, C. Kling, and C. Wolter "A Tale of Three Watersheds: Non-point Source Pollution and Conservation Practices Across Iowa," *Choices* 22(2007) .

Feng, H., L. Kurkalova, C. Kling and P. Gassman. "Environmental Conservation in Agriculture: Land Retirement vs. Changing Practices on Working Land," *Journal of Environmental Economics and Management*, 52(2006):600-614.

Kurkalova, L., C. Kling, and J. Zhao. "Green Subsidies in Agriculture: Estimating the Adoption Costs of Conservation Tillage from Observed Behavior," *Canadian Journal of Agricultural Economics* 54(2006): 247-267.

Feng, H., L. Kurkalova, S. Secchi, C. Kling and P. Gassman. "The Conservation Reserve Program in the Presence of a Working Land Alternative: Implications for Environmental Quality, Program Participation, and Income Transfer," *American Journal of Agricultural Economics* (proceedings) 87 (2005): 1231-1238.

Feng, H. and C. Kling. "The Consequences of Co-Benefits for the Efficient Design of Carbon Sequestration Programs," *Canadian Journal of Agricultural Economics* 53(2005): 461-476.

Zhao, J. and C. Kling. "Willingness-to-Pay, Compensating Variation, and the Cost of Commitment," *Economic Inquiry* 42 (2004): 503-517.

Herriges, J., D. Phaneuf, and C. Kling. "What's the Use: Welfare Estimates from Revealed Preference Models in the Absence of Weak Complementarity," *Journal of Environmental Economics and Management* 47(2004): 53-68.

Kurkalova, L., C. Kling, and J. Zhao. "Value of Agricultural Nonpoint Source Pollution Measurement Technology: Assessment from a Policy Perspective," *Applied Economics* 36 (2004): 2287-2298.

Wu, J., R. Adams, C. Kling, and K. Tanaka. "Assessing the Costs and Environmental Consequences of Agricultural Land Use Changes: A Site-Specific, Policy-Scale Modeling Approach," *American Journal of Agricultural Economics*, 86(2004): 26-41.

Zhao, J., L. Kurkalova, and C. Kling. "Alternative Green Payment Policies under Heterogeneity when Multiple Benefits Matter," *Agriculture and Resource Economics Review* 33 (2004): 148-158.

Kurkalova, L., C. Kling, and J. Zhao. "Multiple Benefits of Carbon-Friendly Agricultural Practices: Empirical Assessment for Conservation Tillage in Iowa," *Environmental Management* 33 (2004): 519-527.

Azevedo, C., J. Herriges, and C. Kling. "Combining Revealed and Stated Preferences: Consistency Tests and Their Interpretations," *American Journal of Agricultural Economics* 85(2003):525-37.

Zhao, J. and C. Kling. "Environmental Regulation under Policy Persistence," *Resource and Energy Economics* 25(2003): 255-268.

Feng, H., J. Zhao, and C. Kling. "Implementing Carbon Reductions with Agricultural and Forest Sinks," *American Journal of Agricultural Economics* 84 (2002): 134-148.

Zhao, J. and C. Kling. "A New Explanation for the WTP/WTA Disparity," *Economics Letters* 73 (2001): 293-300.

Pautsch, G., L. Kurkalova, B. Babcock, and C. Kling. "The Efficiency of Sequestering Carbon in Agricultural Soils," *Contemporary Economic Policy* 19 (2001): 123-134.

Feng, H., C. Kling, and J. Zhao. "Towards Implementing Carbon Markets in Agriculture," *Choices* (2001): 16-19

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REFERENCES

Dr. Bruce Babcock
Professor of Public Policy
School of Public Policy
University of California, Riverside
Riverside, CA 92521
bruce.babcock@ucr.edu

Dr. Maureen Cropper
Distinguished University Professor and Chair
Department of Economics
University of Maryland
College Park, MD 20742
mcropper@umd.edu

Dr. Charles Kolstad
Senior Fellow, Stanford Institute for Economic Policy Research
Senior Fellow, Precourt Institute for Energy
Stanford University University
Stanford, CA 94305
(650) 721-1663
ckolstad@stanford.edu

Dr. Jimena González Ramírez
Assistant Professor
Department of Economics - Finance
Manhattan College
Riverdale, NY 10471
jimena.gonzalez@manhattan.edu

Dr. V. Kerry Smith
Emeritus Regents' Professor and
Emeritus University Economics
Arizona State University
Tempe, AZ 85287
Kerry.smith@cavecreekinstitute.com