January 2025

**Catherine Louise Kling**

**Tisch University Professor of Environmental, Energy, and Resource Economics**

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**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**

Faculty Director, Cornell Atkinson Center for Sustainability, 2018-2023

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, 2009

Visiting Researcher, LEERNA-INRA, IDEI, University of Toulouse, France, 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: American Association for the Advancement of Science (AAAS), elected 2019

 Association of Environmental and Resource Economists (AERE), elected 2015

 American Agricultural Economics Association (AAEA), elected 2006

University Fellow, Resources for the Future, 2015-

National Academies of Engineering, Science, and Medicine, standing committees:

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

 National Academies’ Report Review Committee, 2018-2020; Nominating Committee,

 member 2024 - 2026

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

 Response and Resilient Recovery Strategic Science Initiative-Strategy Group on

 COVID-19 and Ecosystem Services in the Built Environment, 2022-23

Committee on Reducing Health Impacts of Reactive Nitrogen in Ground and Surface

 Water from Agricultural Sources: An Environmental Health Matters Workshop to

 Identify Opportunities for Leadership, chair, 2020

Committee on Long-Term Environmental Trends in the Gulf of Mexico, 2020-21

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, fired 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:

 Cornell Laboratory of Ornithology, Advisory Board, 2022 -

 Environmental Defense Fund, Environmental Economics Advisory Committee, 2020-

 Resources for the Future, Executive Board, 2019-2021

 Center for Environmental Decision Making, Carnegie Melon, Advisory Board, 2016-20

 International Food Policy Research Institute (IFPRI), Board of Trustees, 2011-2016

 ASU Decision Center for a Desert City, External Advisory Committee, 2014-18

 Sustainable Management of Crop Health (SMaCH), French National Institute for

 Agricultural Research (INRA), Scientific Advisory Board, 2014-18

 Leopold Center for Sustainable Agriculture, Advisory Board, 2014 -18

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, 2016-2018

 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:

***Proceedings of the National Academy of Sciences,*** Editorial Board, 2019 – 2020, 2024-

***Review of Environmental Economics and Policy,*** Editor, 2018-2022, Editorial Board, 2015-2017

***Environmental and Resource Economics,*** Editorial Board, 2020-

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

***Annual Review of Resource Economics,*** Editorial Board, 2012 - 2018

***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

**MEDIA PRESENTATIONS**

Water Institute Symposium, University of Florida, Gainseville, FL, Feb. 20-21, 2024 <https://www.youtube.com/embed/pvhUWVOm2CE>

The Social Cost of Water Pollution, 2024 Rachel Carson Distinguished Lecture Anniversary Series, Center for System Integration and Sustainability at Michigan State, Jan 18, 2024 <https://vimeo.com/904222936>

Women in Economics: Catherine Kling On Nature’s Real Worth, IMF Podcasts, Nov. 16, 2023 <https://www.imf.org/en/News/Podcasts/All-Podcasts/2023/11/16/catherine-kling>

Reducing the Health Impacts of the Nitrogen Problem: An Environmental Health Matters Workshop, the National Academy of Sciences, Engineering, and Medicine, Jan – Feb, 2021 <https://www.nationalacademies.org/our-work/reducing-health-impacts-of-reactive-nitrogen-in-ground-and-surface-water-from-agricultural-sources-an-environmental-health-matters-workshop-to-identify-opportunities-for-leadership>

Market Solutions for Water Pollution, Resources Radio, Sept. 17, 2019 <https://www.resources.org/resources-radio/market-solutions-water-pollution-cathy-kling/>

National Public Radio Interviews

<https://www.npr.org/2019/03/05/688786177/how-federal-disaster-money-favors-the-rich>

<https://www.npr.org/sections/thesalt/2019/12/31/790261705/farmers-got-billions-from-taxpayers-in-2019-and-hardly-anyone-objected>

<https://www.npr.org/2020/08/04/897804434/food-is-growing-more-plentiful-so-why-do-people-keep-warning-of-shortages>

<https://www.npr.org/sections/thesalt/2016/05/05/476600965/the-environmental-cost-of-growing-food>

**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 Bhatacharjee, 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, NIFA, “Developing Standardized Nonmarket Valuation and Benefits Transfer Methods Using Cellphone Location and Foot Traffic Data,” 2024-2027, $650,000.

Cornell Atkinson Center and TNC, “Mitigating Agricultural Water Pollution,” 2023 – 2024. $112,266.

US Department of Agriculture, NIFA, “Measuring the Social Costs of Nutrient Pollution through Integrated Assessment Modeling,” (co-Principal Investigator), 2021-2025, $400,000.

US Department of Agriculture, Forest Service Joint Venture Agreement, “The Value of Birds to Birdwatchers Along the Pacific Flyway: a Stated Preference Study to Understand Policy Implications for Ecosystem Services and Management,” 2021 – 2025, $154,000.

Cornell NYC Visioning Initiative Grant, “Biodiversity Studies Using Interdisciplinary Research Designs: The Ecosystem Services Costs of Nightlights in New York City,” (co-Principal Investigator), 2019-2020, $74,200.

US Department of Agriculture, NIFA, “Rural Drinking Water Habits, Information Provision, and Pollution Exposure,” (co-Principal Investigator), 2019-2021, $ 500,000.

US Department of Agriculture, NIFA, “Integrated Assessment Models for Water Quality Valuation: Application to NRCS Conservation Initiatives,” (co-Principal Investigator), 2019-2021, $496,265.

US Environmental Protection Agency, “Valuing Water Quality Improvements in Midwestern Ecosystems: Spatial Variability, Validity and Extent of the Market for Total Value,” (Principal Investigator), 2016-2020, $800,000.

US Department of Agriculture, NRCS, “Monetizing Water Quality Benefits from the EQIP Program,” (co-Principal Investigator), 2017-2019, $150,000.

Iowa Environmental Council.” Economics of Clean Water in Iowa: Costs and Benefits of Pollution Reduction,” (co-Principal Investigator), 2017-2018 $25,000.

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, “Bio-complexity 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, Resources for the Future, 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, Land, Environment, and Economic Policy Conference, 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, Environmental Defense Fund (Washington D.C.), Harvard University (Kennedy School), 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, Property and Environment Research Center (Bozeman, MT), 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 Connecticut, University of Florida, University of Georgia, University of Illinois, University of Indiana, SPEA, 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 Texas, Environmental and Energy Economics workshop (Austin, TX), University of Toulouse (France), University of Wisconsin, Virginia Tech University, Yale University (School of Forestry).

**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.

**REFEREED JOURNAL ARTICLES**

Lade, Gabriel E., Jacqueline Comito, Jamie Benning, Catherine Kling, and David Keiser. "Improving Private Well Testing Programs: Experimental Evidence from Iowa." *Environmental Science & Technology*, 58 (2024), 14596−14607.

Vossler CA, Dolph CL, Finlay JC, Keiser DA, Kling CL, Phaneuf DJ. “Valuing improvements in the ecological integrity of local and regional waters using the biological condition gradient.” ***Proceedings of the National Academy of Sciences***120:18 (2023).

Mamun, S., Castillo-Castillo, A., Swedberg, K., Zhang, J., Boyle, K.J., Cardoso, D., Kling, C.L., Nolte, C., Papenfus, M., Phaneuf, D. and Polasky, S., 2023. Valuing water quality in the United States using a national dataset on property values. *Proceedings of the National Academy of Sciences*, 120(15).

Moore, CC, Jl Corona, C Griffiths, MT Heberling, JA Hewitt, DA Keiser, CL Kling, DM Massey, M Papenfus, DJ Phaneuf, DJ Smith, CA Vossler, W Wheeler. “[Measuring the social benefits of water quality improvements to support regulatory objectives: Progress and future directions](https://scholar.google.com/scholar?oi=bibs&cluster=16004392001243702355&btnI=1&hl=en).” ***Proceedings of the National Academy of Sciences***120:18 (2023).

Del Rossi, G., M Hoque, Y. Ji, and C.L. Kling. “The Economics of Nutrient Pollution from Agriculture,” *Annual Review of Resource Economics* 15(2023): 105-130.

Ji, Y., D.A. Keiser, C.L. Kling, and D.J Phanuef. “Revenue and Distributional Consequences of Alternative Outdoor Recreation Pricing Mechanisms: Evidence form a Micro Panel Data Set,” *Land Economics* 98, 3(2022):478-494.

Levin, S.A., Anderies, J.M., Adger, N., Barrett, S., Bennett, E.M., Cardenas, J.C., Carpenter, S.R., Crépin, A.-S., Ehrlich, P., Fischer, J., Folke, C., Kautsky, N., Kling, C., Nyborg, K., Polasky, S., Scheffer, M., Segerson, K., Shogren, J., Van Den Bergh, J., Walker, B., Weber, E.9, Wilen, J. “Governance in the Face of Extreme Events: Lessons from Evolutionary Processes for Structuring Interventions, and the Need to Go Beyond,” *Ecosystems* (2022): 697-711.

Diefenderfer, H. L., McKinney, L. D., Boynton, W. R., Heck, K. L., Jr, Kleiss, B. A., Mishra, D. R., Greening, H., George, A. A., 2nd, Carl Kraft, B. A., & Kling, C. L. “Ten years of Gulf Coast ecosystem restoration projects since the *Deepwater Horizon* oil spill,” *Proceedings of the National Academy of Sciences of the United States of America,* *119*, 38 (2022).

Segerson, K., C.L. Kling, N.E. Bockstael. “Contributions of Women at the Intersection of Agricultural Economics and Environmental and Natural Resource Economics.” *Applied Economic Perspectives and Policy* 44, 1(2022): 38– 53.

Hansen, A.T., T. Campbell, S Jong Cho, J.A. Czuba, B.J. Dalzell, C.L. Dolph, P.L.Hawthorn, S. Rabotyagov, Z. Lang, K. Kumarasamy, P. Belmont, J.C. Finlay, E. Foufoula-Georgiou, K.B. Gran, C. L. Kling, and P. Wilcock. “Integrated assessment modeling reveals near-channel management as cost-effective to improve water quality in agricultural watersheds," *Proceedings of the National Academy of Sciences* 118 (2021).

Keiser, D.A., S.M, Olmstead, K.J. Boyle, V.B. Flatt, B.L. Keeler, C.L. Kling, D.J. Phaneuf, J.S. Shapiro, and J.P. Shimshack, “A Water Rule that Turns a Blind Eye to Transboundary Pollution,” *Science* 372:6539(2021): 241-243.

Liang, Y., I. Rudik, E. Y. Zou, A. Johnston, A. D. Rodewald, C.L. Kling “Conservation Co-Benefits from Air Pollution Regulation: Evidence from Birds,”*Proceedings of the National Academy of Sciences* 117 (2020): 30900-30906

Moore, K.J., C.L. Kling, and D.R. Raman, “A Midwest USA Perspective on Von Cossel et al.’s Prospects of Bioenergy Cropping Systems for a More Social-Ecologically Sound Bioeconomy" ***Agronomy*** 10(2020): 1658.

Bateman, I.J. and C.L. Kling. “Revealed Preference Methods for Nonmarket Valuation: An Introduction to Best Practices,” ***Review of Environmental Economics and Policy*** 14:2(2020):240-259.

Rabotyagov, S., S. Jong, T. Campbell, and C.L. Kling. “Good Seeds Bear Good Fruit: Using Benefit-to-cost Ratios in Multiobjective Spatial Optimization under Epistasis,” ***Land Economics*** (2020): 531-551.

Ji, Y., Keiser, D.A., and C.L. Kling. “Temporal Reliability of Welfare Estimates from Revealed Preference,” ***Journal of the Association of Environmental and Resource Economists*** 7:4 (2020). 656-686.

Hoque, M., J.A. Herriges, and C.L. Kling. “The Response of Recreation Demand to Recessionary Forces: Evidence from Local Lake Usage,” ***Land Economics*** 96,2(2020): 225-243.

Polasky, S., C.L. Kling, S.A. Levin, S. R. Carpenter, G.C. Daily, P.R. Ehrlich, G.M. Heal, and J. Lubchenco. “Role of Economics in Analyzing the Environment and Sustainable Development,” ***Proceedings of the National Academy of Sciences*** 116:12(2019): 5233-5238.

Cropper, M.L., C.L. Kling, and F. Sussman. “Conversation with Maureen Cropper,” ***Annual Review of Resource Economics*** 11:1 2019: 1-18.

Keiser, D.A., 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*** 116:12 (2019): 5262-5269.

Keiser, D.A., C.L. Kling, and D.J. Phaneuf. “The Social Cost of Water Pollution,” ***Resources,*** Spring (2019).

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.

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