

KERRY KRUTILLA

School of Public and Environmental Affairs
Indiana University
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krutilla@indiana.edu

EDUCATION

Ph.D., Economics, Duke University, 1988

Fields: Resource Economics, Public Finance, International Trade, Econometrics
Honors: F.K. Weyerhaeuser Graduate Fellowship
Shell Oil Fellowship for International Studies
Josiah Charles Trent Memorial Foundation Award for International Studies

M.S., Natural Resources, Duke University, 1985

Concentration: Natural Resource Management
Honors: Duke University Resource Science Fellowship, 3 years

B.A., General Science, Grinnell College, 1977

Concentrations: Biology/Experimental Psychology
Honors: Graduated third in class (GPA 3.9 of 4.0)
Junior Year Phi Beta Kappa
Mortar Board National Honor Society

FACULTY APPOINTMENT

Professor, Indiana University-Bloomington, School of Public and Environmental Affairs (SPEA), July 2018-Present.

Associate Professor, Indiana University-Bloomington, School of Public and Environmental Affairs (SPEA), July 1995 – June 2018.

Assistant Professor, Indiana University-Bloomington, School of Public and Environmental Affairs (SPEA), January 1988 - June 1995.

Lecturer, August 1987 - December 1987, Indiana University-Bloomington, SPEA.

OTHER ACADEMIC APPOINTMENTS

Co-Director for Benefit-Cost Analysis and Policy Evaluation, Vietnam Initiative; School of Public and Environmental Affairs, Indiana University, January 2017 to Present.

Faculty Affiliate, Workshop in Political Theory and Policy Analysis (now “Ostrom Workshop,”) Indiana University, January 1997-Present.

Faculty Affiliate, Center for Research in Energy and the Environment, Indiana University, 2008-Present.

Research Fellow, Center for Tropical Conservation, Duke University, Durham NC, January 1993 - December 1993.

OTHER PROFESSIONAL POSITIONS

Senior Research Officer, Bureau of Agricultural Economics, Canberra, Australia, October 1985 – May 1986.

Research Associate, Duke University and the Agency for International Development, May 1982-August 1982.

Energy Systems Analyst, Energy and Environmental Analysis Inc., 1978-1982.

PROFESSIONAL MEMBERSHIPS

American Economic Association

Western Economics Association

Association for Policy Analysis and Management

Association of Environmental and Resource Economists

Behavioral Science & Policy Association

European Association of Environmental and Resource Economists

Public Choice Society

Society for Benefit Cost Analysis

Society for Risk Analysis

International Society for Ecological Economics

RESEARCH

GRANTS

Indiana University, President's International Research Awards, \$160,000, January 2017 – January 2020. “Probabilistic Risk Assessment to Enhance Risk-Based Decision-Making for Food Safety Regulation in China – Using a Case Study of Inorganic Arsenic in Rice.” Kan Shao Principal Director, K. Krutilla, Primary Researcher for Benefit-Cost Modeling and Analysis; Secondary Researcher for Value of Information Analysis.

U.S. Department of Justice, \$764,000, January 2014-December 2018. A. Holtzworth-Munroe Principal Director (PD)/Principal Investigator (PI); K. Krutilla Benefit-Cost Analyst. “Intimate Partner Violence and Custody Decisions: A Randomized Controlled Trial of Outcomes from Family Court, Shuttle Mediation, or Videoconferencing Mediation.”

Electric Power Research Institute, \$200,000, October 2013-November 2014. K. Krutilla, Principal Director/Investigator. “Life Saving Regulations and their Cost- Effectiveness.”

Navistar Corporation, \$150,000, October 2008-September 2009. J. Graham, Principal Director; K. Krutilla, Principal Investigator. “Benefit Cost Comparison of Propulsion Systems for Urban Delivery Vehicles.”

National Institute for Global Environmental Change, U.S. Department of Energy, \$81,100, July 1993 - June 1997. K. Krutilla, Principal Director/Investigator. "Modeling the Impact of Economic Transition in Eastern-Bloc Countries on CO2 Emissions Profiles: A Dynamic Environmental-Economic Simulation."

Economic Research Service, United States Department of Agriculture (Sub-contracted through Ohio University), \$3,500, March 1994 - September 1994. K. Krutilla, Principal Director/Investigator. "A General Equilibrium Analysis of Land Set-Asides for Carbon Sequestration."

National Institute for Global Environmental Change, U.S. Department of Energy, \$140,000, July 1992 - June 1995. K. Krutilla Principal Director/Investigator. "Analysis of Regional Economic and Energy Impacts Arising from Global Climate Change."

National Institute for Global Environmental Change, U.S. Department of Energy, \$61,300 July 1990 - June 1992. K. Krutilla Principal Director/Investigator. "The Economic Consequences and CO₂ Emissions Impact of Energy Taxation."

The World Bank, \$35,000, May 1990 - December 1992. K. Krutilla Principal Director/Investigator. "Urban Interfuel Substitution Project." with Ken Richards, \$3000 (Canadian Government) and \$17,000 (National Science Foundation). Funding for multi-disciplinary conference entitled: “Environmental Policy Instrument Choice: A Comparison of Canada and the United States,” July 19.

AWARD

Policy Article Prize, awarded by Center for International Food and Agricultural Policy, University of Minnesota, for "Environmental Regulation in an Open Economy." *Journal of Environmental Economics and Management*, 20: 127-142, 1991.

PUBLICATIONS

Book

Barnes, D., K. Krutilla, and W.F. Hyde. "The Urban Household Energy Transition: Social and Environmental Impacts in the Developing World." Washington D.C.: Resources for the Future Press, 2005.

Refereed Journal Articles

Zirogiannis, N., Krutilla, K., Tripodis, Y. and Fledderman, K., "Human Development Over Time: An Empirical Comparison of a Dynamic Index and the Standard HDI." *Social Indicators Research*, 1-26, 2018.

Alexeev, A., D. H. Good, and K. Krutilla. "Environmental Taxation and the Double Dividend in Decentralized Jurisdictions." *Ecological Economics*, 122: 90–100, 2016.

Krutilla, K., D. H. Good, and J. D. Graham. "Uncertainty in the Cost-effectiveness of Federal Air Quality Regulations." *Journal of Benefit-Cost Analysis*, 6(1): 66-111, 2015.

Krutilla, K., and A. Alexeev. "The Political Transaction Costs and Uncertainties of Establishing Environmental Rights." *Ecological Economics*, 107, 299-309, 2014.

Krutilla, K., and J. D. Graham. "Are Green Vehicles Worth The Extra Cost? The Case of Diesel-Electric Hybrid Technology for Urban Delivery Vehicles." *Journal of Policy Analysis and Management*, 31(3): 501-532, 2012.

Krutilla, K., and A. Alexeev. "The Normative Implications of Political Decision-Making for Benefit-Cost Analysis." *Journal of Benefit-Cost Analysis*, 3(2): 1-36, 2012.

Krutilla, K., and R. Krause. "Transaction Costs and Environmental Policy: An Assessment Framework and Literature Review." *International Review of Environmental and Resource Economics*, 4 (3/4): 261-354, 2011.

Krutilla, K., and K. Logan. "Surface Water Quality in the Carpathian Basin: Current Status and Future Directions." *Hungarian Studies*, 23(2): 153–173, 2009.

Aubourg, R., D. H. Good, and K. Krutilla. "Debt, Democratization, and Development in Latin America: How Policy Can Affect Global Warming." *Journal of Policy Analysis and Management*, 27(1): 7-19, 2008.

- Krutilla, K., and R. Reuveny. "The Systems Dynamics of Endogenous Population Growth in a Renewable Resource-Based Growth Model." *Ecological Economics*, 56: 256-267, 2006.
- Krutilla, K. "Using the Kaldor-Hicks Tableau Format for the Teaching and Practice of Project Appraisal and Policy Analysis." *Journal of Policy Analysis and Management*, 864-875, 2005.
- Krutilla, K., and R. Reuveny. "A Renewable Resource Model with Costly-Resource Extraction." *Environmental and Resource Economics*, 27: 165-184, 2004.
- Krutilla, K., and R. Reuveny. "The Quality of Life in the Dynamics of Economic Development." *Environment and Development Economics*, 7: 23-45, 2002.
- Boyd, R.G., C. Jung, and K. Krutilla. "Aggregation Bias in Natural Resource Price Composites: The Forestry Case." *Resource and Energy Economics*, 20(1): 65-73, 1998.
- Prakash, A., K. Krutilla, and P. Karamanos. "Multinational Corporations and International Environmental Policy." *Business and the Contemporary World*, 8: 119-144, 1996.
- Boyd, R.G., C. Jung, and K. Krutilla. "Incentives for Advanced Pollution Abatement Technology at the Industry Level: An Evaluation of Policy Alternatives." *Journal of Environmental Economics and Management*, 30: 95-111, 1996.
- Jung, C., K. Krutilla, W. K. Viscusi, and R. G. Boyd. "The Coase Theorem in a Rent-Seeking Society." *International Review of Law and Economics*, 15(3): 259-268, 1995.
- Krutilla, K., W. K. Viscusi, and R.G. Boyd. "Environmental Regulation with Revenue Effects: An Analysis of a Clinton-Type BTU Tax." *Journal of Regulatory Economics*, 8: 5-22, 1995.
- Boyd, R.G., K. Krutilla, and W. K. Viscusi. "Energy Taxation as a Policy Instrument to Reduce CO₂ Emissions; A Net Benefit Analysis." *Journal of Environmental Economics and Management*, 29: 1-24, 1995.
- Krutilla, K., W. F. Hyde, and D. Barnes. "Periurban deforestation in developing countries." *Forest Ecology and Management*, 74, 181-195, 1995.
- Krutilla K., and C. Breidenich. "The GATT and Environmental Policy: An Analysis of Potential Conflicts and Policy Reforms." *Policy Studies Journal*, 12: 211-225, 1994.
- Rubin, B., C. Oster, K. Krutilla, and M. Hilton. "A Framework for Assessing the Regional Ecological, Economic, and Energy Impacts of Global Climate Change." *World Resources Review*, 6,131-147, 1994.
- Boyd, R.G., K. Krutilla, and J. McKinney. "The Impact of Tariff Liberalization Between the United States and Mexico: An Empirical Analysis." *Applied Economics*, 25: 81-89, 1993.
- Boyd, R.G., and K. Krutilla. "Controlling Acid Deposition: A General Equilibrium Assessment." *Environmental and Resource Economics*, 2: 307-322, 1992.

Boyd, R.G., and K. Krutilla. "The Impact of the Free Trade Agreement on the U.S. Forestry Sector: A General Equilibrium Analysis." *Journal of Business Administration*, 20: 236-245, 1991/92.

Krutilla, K. "Unilateral Environmental Policy in the Global Commons." *Policy Studies Journal*, 19: 126-139, 1991.

Krutilla, K. "Transportation Specification in Forest Products Trade Models." *Forest Science*, 37: 284-295, 1991.

Krutilla, K. "Environmental Regulation in an Open Economy." *Journal of Environmental Economics and Management*, 20: 127-142, 1991.

Krutilla, K. "Tariff Burdens and Optimal Tariffs Under Alternative Transport Costs and Market Structures." *Economics Letters*, 31: 381-386, 1989.

Boyd, R.G., and K. Krutilla. "The Politics and Consequences of Protectionism: A Case Study in the North American Lumber Market." *Journal of Policy Modeling*, 10: 601-609, 1988.

Boyd, R.G., and K. Krutilla. "The Welfare Impacts of Trade Restrictions on the Canadian/U.S. Lumber Trade: A Spatial Equilibrium Analysis." *Canadian Journal of Economics*, 20: 17-35, 1987.

Published Conference Proceedings/Research Bulletins

Evans, A., Leslie, N., Muñoz-González, L., French, W., Krutilla, K., Joyce A. "Dynamic Defense in a Cyber Resilient System." Chapter in A. Kott (ed.), "Critical Issues for Cyber Resilience." Bulletin from US Army Research Laboratory, 2018.

Alexeev A., Jardine E., Krutilla K. Cybersecurity Investment as a Differential Game. In A. Kott (ed.), Proceedings of the IST-153-RWS Workshop on Cyber Resilience. US Army Research Laboratory, 2018.

Good, D.H., K. Krutilla, S. Chien, L. Li, and Y. Chen. "Preliminary Benefit Analysis for Pedestrian Crash Imminent Braking Systems. Proceedings of the Intelligent Transportation System Conference," v18, pp. 1123-1128, 2015. (Print ISBN: 978-1-4673-6595-6; doi 10.1109/ITSC.2015.186).

Alexeev, A., and K. Krutilla. "Cyber-Attack as a Contest Game." In A.Kott (ed.) Proceedings of the NATO IST-128 Workshop: Assessing Mission Impact of Cyberattacks. US Army Research Laboratory, ARL-SR-0349, pp. 66-74, 2015.

www.arl.army.mil/www/default.cfm?technical_report=7602.

BOOK CHAPTERS

Krutilla, K. "Using the Kaldor-Hicks Tableau Format for the Teaching and Practice of Project Appraisal and Policy Analysis." Reprinted from *Journal of Policy Analysis and Management* (864-875, 2005) in *Cost Benefit Analysis and Public Policy*, Journal of Policy and Analysis Classics Series, David Weimer (ed.). Blackstone Publishing, 2008.

Krutilla, K., J. Xu, D. Barnes, and W. Hyde. "Estimates of Economic Supply from Physical Measures of Forest Stock: An Example from Eight Developing Countries." *Economics of Forestry and Rural Development: an Empirical Introduction from Asia*, W. F. Hyde and G.S. Amacher, and Colleagues (University of Michigan Press, 2000).

Krutilla, K. "Partial Equilibrium Models of Trade and the Environment." *The Handbook of Environmental and Resource Economics*, Jeroen van den Bergh, ed., Cheltenham: Edward Elgar Publishing Limited, 1999.

Krutilla, K. "Environmental Policy and Transactions Costs." *The Handbook of Environmental and Resource Economics*, Jeroen van den Bergh, ed., Cheltenham: Edward Elgar Publishing Limited, 1999.

Krutilla, K. "World Trade, GATT, and National Policy." *Environmental Policy: Transnational Issues and Environmental Trends*, L. K Caldwell and R.V. Bartlett, ed., Greenwood, CT: Greenwood Publishing, 1997.

Boyd, R.G., and K. Krutilla. "The Impact of the Free Trade Agreement on the U.S. Forestry Sector: A General Equilibrium Analysis." *Emerging Issues in Forest Policy*. P. Nemetz ed., Vancouver: UBC Press, 1992. (Reprinted from *Journal of Business Administration* 20: 236-245, 1991/1992).

TECHNICAL REPORTS AND PAPERS

"Alternative Frameworks for Evaluating Deep Sea Mining Projects". Report Sponsored by the World Bank, 2018.

Krutilla, K. "Cost-Benefit Analysis of Waste Management Strategies For the Adjara AR and the Kakheti Region of Georgia." Waste Management Technologies in Regions, Georgia; US Agency for International Development. 2016.

Graham, J., and K. Krutilla. "Final project report: Benefit Cost Comparison of Propulsion Systems for Urban Delivery Vehicles." Prepared for the Navistar Corp, September 2009.

Nuzum, E., R.G. Boyd, and K. Krutilla. "Opportunity Cost of Carbon Sequestration on Agricultural Land Set-Asides: A General Equilibrium Analysis." Research Report prepared for USDA-ERS under Cooperative Agreement No. 43-3AM-3-80117, July 20, 1994.

Krutilla, K. "The Economic Consequences and CO₂ Emissions Impact of Energy Taxation." Report for the National Institute for Global Environmental Change, U.S. Department of Energy, December 1992.

Boyd, R.G., K. Krutilla, and J. McKinney. "The Impact of Tariff Liberalization between the United States and Mexico." School of Business, Baylor University, 1992.

INVITED RESEARCH PRESENTATIONS

"Property Rights Conflict in Environmental Policy Design: A Normative Evaluation." University of Economics, Ho Chi Minh City, Vietnam. November 16, 2017.

"Optimal Investment In Cybersecurity." Inaugural Symposium on Cybersecurity and Internet Governance. Ostrom Workshop, Bloomington, Indiana. April 27-28, 2017.

"Environmental Rights Conflicts and Institutional Choice: An Economic Evaluation of Environmental Policymaking." Inaugural Symposium on Natural Resource Governance. Ostrom Workshop, Bloomington, Indiana. October, 2016.

"Comparative Cost-Effectiveness of EPA and DOT regulations." Environmental Program Advisory Meeting of the Electric Power Research Institute, Indianapolis, September 16, 2014.

"Adjusting Project Evaluation Standards for The Welfare Effects of Political Decision-Making." Economics department, Public University of Navarrra, Pamplona Spain, June 2012.

"The Political Economy of Environmental Policy," College of Arts and Sciences, National Taiwan University, Taipei, Taiwan. March, 2010.

"The Implication of Political Transaction Costs for Benefit Cost Analysis," Political Science Department, Taiwan National University, Taipei, Taiwan. March 2010.

"The Implication of Political Transaction Costs for Benefit Cost Analysis," Department of Public Administration and Policy, National Taipei University, Taipei, Taiwan. March 2010.

"The Implication of Political Transaction Costs for Benefit Cost Analysis," Department of Public Policy and Management, Shih Hsin University, Taipei, Taiwan, March 2010.

"Using the Kaldor-Hicks Tableau Format for Cost-Benefit Analysis and Stakeholder Evaluation." Symposium on benefit-cost analysis sponsored by the University of Washington, Seattle, June 2007.

"Environmental Policy, Rent Seeking, and Bargaining," Ohio University Department of Economics, November 1998.

"Environmental Policy and Distribution," University of Illinois, Champaign-Urbana, Water Resources Center, April 1998.

"Trade Liberalization and Deforestation in the Philippines." Presented at the 1993 workshop of the Association for Environmental and Resource Economists, Flat Rock, North Carolina, June 1993.

"The Environmental Policy Issues Associated with NAFTA." Presented at Ohio University conference on NAFTA, Athens Ohio, April 1993.

"No-Regrets Energy Taxation." Lecture in conjunction with the Policy Article Prize Award for 1991 article: "Environmental Regulation in an Open Economy." University of Minnesota, Minneapolis Minnesota, December 1992.

"Trade Liberalization and Tropical Deforestation." Presented at Ohio University conference on tropical deforestation, Athens Ohio, January 1991.

CONFERENCE PARTICIPATION

Sponsored Panel/Symposium Organizer

Panels: 1) "Benefit-Cost Analysis of Environmental Programs;" & 2) "Benefit-Cost Analysis of Air Pollution Control." For the Society of Benefit Cost Analysis at the 13th International Conference of the Western Economic Association International Annual Meeting in Santiago, Chile, January 3-6, 2017.

Symposia: 1) "Innovations in Benefit Cost Analysis;" 2) "Risk Regulation and the Economic Value of Mortality Risk Reductions;" & 3) "Assessing the Impact of Risk Management Strategies." For the Society of Benefit Cost Analysis at the Society of Risk Analysis annual meeting in Denver, December 7-10, 2014. (with Lisa Robinson, Elisabeth Gilmore, and James Hammitt).

Panel Chair and Discussant

Chair for panel on "New Vehicles, Regulations, and Subsidies." 10th Annual Conference and Meeting, Society for Benefit Cost Analysis, March 14-16, 2018.

Panel Discussant for "Clean Power Plan and Global Climate Change." 10th Annual Conference and Meeting, Society for Benefit Cost Analysis, March 14-16, 2018.

Paper Discussant for "Strategic Delegation and Centralized Climate Policy, World Congress of Environmental and Resource Economists, Gothenburg, Sweden, June 25-29, 2018.

Chair for roundtable on "Advice to Policymakers For Interpreting BCA". Ninth Annual Conference and Meeting of the Society for Benefit-Cost Analysis. March 16-17, 2017.

Chair for panel on "Benefit-Cost Analysis of Environmental Programs and Policies." Western Economics Association International, 13th International Conference. Santiago, Chile. January 3-6, 2017.

Paper Discussant for “Air Pollution Abatement Benefits: What Difference Do Sex and Wealth Make?” Western Economics Association International, 13th International Conference. Santiago, Chile. January 3-6, 2017.

Chair and Paper Discussant for Panel on “Finance and Environment.” European Association of Environmental and Resource Economists 22nd Annual Conference. Zurich, Switzerland. June 22 – 25, 2016.

Chair and Paper Discussant for session on “Political Economy, Rent-Seeking, Corruption.” Annual Conference of the European Association of Environmental and Resource Economists. Helsinki, Finland. June 24-27, 2015.

Chair for session on “Methodological Approaches to Benefit-Cost Analysis.” Seventh Annual Conference and Meeting of the Society for Benefit-Cost Analysis. March 19-20, 2015.

Chair and Paper Discussant for session on “Political Economy: Theory.” 5th World Congress of Environmental and Resource Economists. Istanbul, Turkey. June 28 to July 2, 2014.

Paper Discussant for “Harberger Triangles & Tullock Rectangles: Revisiting Weidenbaum's Distinction between Economic & Social Regulation,” by Brian Mannix. The 51st Annual Meetings of the Public Choice Society. Charleston, South Carolina. March 6-9, 2014.

Chair and Paper Discussant for session on “Political Economy, Law and Environment.” European Association of Environmental and Resource Economists 20th Annual Conference. Toulouse, France. June 26 – 29, 2013.

Paper Discussant for panel on “Environmental Taxation, European Association of Environmental and Resource Economists.” 20th Annual Conference. Toulouse, France. June 26 – 29, 2013.

Discussant for panel on “Methods and Practice.” Meeting and Conference of the Society for Benefit Cost Analysis. Washington, D.C. February 2013.

Chair and Paper Discussant for panel on “Cost Benefit Assessment.” Annual meeting of the Spanish-Portuguese Association of Natural Resource and Environmental Economics. Faro, Portugal. May 2012.

Chair for panel on “Subsidies, Incentives and Perceptions: Shaping Climate and Renewable Energy.” Association for Public Policy Analysis and Management Annual Fall Research Conference. Washington, D-C. November 2011.

Chair for panel on “Water Resources and Ecosystems.” Society for Benefit-Cost Analysis Annual Meeting and Conference. Washington, D.C. October, 2011.

Chair for panel on “Environmental Policy: General Theory II.” European Association of Environmental and Resource Economists Annual Conference. Rome, Italy. June/July, 2011.

Chair for panel on “Remediation of Environmental Contaminants; Estimating Benefits and Improving Incentives.” Thirty-second Annual APPAM Research Conference. Boston, Massachusetts. November 4-6, 2010.

Co-chair for panel on "National Income Accounting" with Tomasz Zylicz. Annual Conference of the European Association of Environmental and Resource Economists. Cracow, Poland. June, 1992.

Paper Discussant for panel on “Environmental Policy: General Theory II.” European Association of Environmental and Resource Economists Annual Conference. Rome, Italy. June/July, 2011.

Paper Discussant for "Environmental Regulation and International Competitiveness." Annual Conference of the European Association of Environmental and Resource Economists. Cracow, Poland. June, 1992.

Conference Papers

K. Krutilla (co-author with Alex Alexeev and David Good). “Environmental Rights and Institutional Choice.” World Congress of Environmental and Resource Economists, Gothenberg Sweden, June 29, 2018.

K. Krutilla, “A Taxonomy of Improved Regulatory Evaluation.” 10th Annual Conference and Meeting, Society for Benefit Cost Analysis, Washington DC, March 16, 2018.

Alexeev, A., E. Jardine, and K. Krutilla. "Cybersecurity Investment as A Differential Game." The Annual Meeting of the Society of Risk Analysis, Arlington, Virginia, December 10-14. 2017.

Aiken, D., DH Good, K Krutilla, “Uncertainty Analysis in RIAs for Transportation Safety and Air Pollution Regulations.” The Annual Meeting of the Society of Risk Analysis, Arlington, Virginia, December 10-14, 2017.

Alexeev, A., E. Jardine, and K. Krutilla. “Optimal Investment in Cyber Attack and Resilience.” Workshop IST-153-RWS on Cyber Reliance. The NATO Science and Technology Organization, Munich, Germany. October 23-25, 2017.

Good, D., K. Krutilla, S. Chien, L. Li, Y. Chen. “Analysis of Potential Co-Benefits for Bicyclist Crash Imminent Braking Systems.” The IEEE 20th International Conference on Intelligent Transportation Systems. Yokohama, Japan, October 16 - 19, 2017.

Good, D.H. and K. Krutilla. “The Implications of Addressing Particle Toxicity in Air Regulation: Learning from the European Experience.” Society of Risk Analysis Europe, Lisbon, Portugal. June 19-21, 2017.

Krutilla, K., and D.H. Good. “Uncertainty Evaluation in DOT and EPA RIAs of Lifesaving Regulations.” Ninth Annual Conference and Meeting of the Society for Benefit-Cost Analysis. March 16-17, 2017.

Krutilla, K., and A. Alexeev. "Environmental Policy Design and Property Rights Conflict: A Benefit Cost Analysis." Western Economics Association International, 13th International Conference. Santiago, Chile. January 3-6, 2017.

Krutilla, K., and D.H. Good. "Benefit-Cost Analysis of Alternative Waste Management Strategies in the Republic of Georgia." Western Economics Association International, 13th International Conference. January 3-6, 2017.

Fledderman, K., D.H. Good, J. Graham, K. Krutilla, and K. Shao. "Economic Evaluation of Air Pollution Regulations When Particle Toxicity Matters." Western Economics Association International, 13th International Conference. Santiago, Chile. January 3-6, 2017.

Alexeev, A., and K. Krutilla. "Modeling Cyber Security as a Repeated Contest." Society for Risk Analysis Annual Meeting. San Diego, California. December 11-15, 2016.

Good, D.H., and K. Krutilla. "Evaluation Of Bicyclist Morbidly and Mortality Mitigation with Crash Imminent Braking Technologies." Society for Risk Analysis Annual Meeting. San Diego, California. December 11-15, 2016.

Good, D.H., K. Krutilla, K. Fledderman, and J.D. Graham. "The Effect of Differential Fine Particle Toxicity on the Economic Evaluation of Air Pollution Regulations." Annual Conference of the European Association of Environmental and Resource Economists. Zurich, Switzerland. June 22-25, 2016.

Alexeev, A., and K. Krutilla. "A Quantal Response Equilibrium Model of Jurisdictional Tax Competition." Annual Conference of the European Association of Environmental and Resource Economists. Zurich, Switzerland. June 22-25, 2016.

Krutilla, K., G. Piña, D.H. Good, and J.D. Graham. "Benefit Cost Analysis of Lifesaving Regulations from the Department of Transportation." Eighth Annual Conference and Meeting of the Society for Benefit-Cost Analysis. March 16-18, 2016.

Alexeev, A., and K. Krutilla. "Strategic Benefit Cost Analysis for Security Threats." Eighth Annual Conference and Meeting of the Society for Benefit-Cost Analysis. March 16-18, 2016.

Alexeev, A., and K. Krutilla. "Benefit Cost Analysis in a Strategic and Risky Environment." Society for Risk Analysis Annual Meeting. Crystal City, Virginia. December 6-10, 2015.

Fledderman, K., D.H. Good, K. Krutilla, and J.D. Graham. "An Uncertainty Analysis of Recent Air Regulations." Society for Risk Analysis Annual Meeting. Crystal City, Virginia. December 6-10, 2015.

Piña, G., K. Krutilla, D.H. Good, and J.D. Graham. "Benefit Cost Analysis of Federal Transportation Safety Regulations." APPAM 37th Annual Fall Research Conference. Miami, Florida. November 12-14, 2015.

Good, D.H., K. Krutilla, S. Chien, L. Li, and Y. Chen. "Preliminary Benefit Analysis for Pedestrian Crash Imminent Braking Systems." Intelligent Transportation Systems (ITSC), IEEE 18th International Conference. Canary Islands, Spain. September 15-18, 2015.

Krutilla, K., D.H. Good, and J.D. Graham. "Uncertainty in the Cost-Effectiveness of Federal Air Quality Regulations." Annual Conference of the European Association of Environmental and Resource Economists. Helsinki, Finland. June 24-27, 2015.

Krutilla, K., and A. Alexeev. "Rent-Seeking in Environmental Policy Making: Is the Expected Surplus Dissipated?" Annual Conference of the European Association of Environmental and Resource Economists. Helsinki, Finland. June 24-27, 2015.

Alexeev, A., and K. Krutilla. "Cyber-Attack as a Contest Game: Modeling the Economic Impact." Presented at workshop sponsored by the Science and Technology Section of NATO entitled, "Cyber Attack Detection, Forensics, and Attribution for Assessment of Mission Impact. Istanbul, Turkey. June 15-17, 2015.

Krutilla, K., and G. Piña. "Using Kaldor-Hicks Tableaus in Regulatory Impact Assessment." Seventh Annual Conference and Meeting of the Society for Benefit-Cost Analysis. March 19-20, 2015.

Krutilla, K., and G. Piña. "Using Kaldor-Hicks Tableaus for Distributional Accounting in Regulatory Impact Assessment." Presented at an invited symposium organized by the Society of Benefit Cost Analysis entitled, "Innovations in Benefit Cost Analysis" at the Society of Risk Analysis annual meeting. Denver, Colorado. December 7-10, 2014.

Krutilla, K., D.H. Good, J.D. Graham, Y. Zhang, and G. Piña. "The Comparative Cost of Regulatory Risk Reduction." Presented at an invited symposium organized by the Society of Benefit Cost Analysis: "Risk Regulation and the Economic Value of Mortality Risk Reductions" at the Society of Risk Analysis annual meeting. Denver, Colorado. December 7-10, 2014.

Good, D.H., S. Chien, L. Li, and K. Krutilla. "Estimating the Benefits of Pedestrian Pre-Crash Detection and Automatic Crash Avoidance." Presented at invited symposium organized by the Society of Benefit Cost Analysis entitled, "Assessing the Impact of Risk Management Strategies" at the Society of Risk Analysis annual meeting. Denver, Colorado. December 7-10, 2014

Krutilla, K., D.H. Good, J.D. Graham, G. Piña, and Y. Zhang. "The Cost-Effectiveness of Lifesaving Regulations." Southern Economics Association 84th Annual Meeting. Atlanta, Georgia. November 22-24, 2014.

Krutilla, K., and A. Alexeev. "The Efficiency Cost of Using Environmental Policy to Raise Revenue." 5th World Congress of Environmental and Resource Economists. Istanbul, Turkey. June 28 to July 2, 2014.

Alexeev, A., D.H. Good, and K. Krutilla. "Optimal Environmental Rent Allocation in Decentralized Jurisdictions." 5th World Congress of Environmental and Resource Economists. Istanbul, Turkey. Jun 28 to July 2, 2014.

Krutilla, K., and A. Alexeev. "The Efficiency Cost of Using Environmental Policy to Raise Revenue." Sixth Annual Meeting and Conference of the Society of Benefit-Cost Analysis. March 13-14, 2014.

Krutilla, K., D.H. Good, J.D. Graham, G. Piña, and Y. Zhang. "Lifesaving Regulations and their Cost-Effectiveness." Sixth Annual Meeting and Conference of the Society of Benefit-Cost Analysis. Washington, D.C. March 13-14, 2014.

Krutilla, K., D.H. Good, J.D. Graham, G. Piña, and Y. Zhang. "Lifesaving Regulations and their Cost-Effectiveness." Presented at the 51st Annual Meetings of the Public Choice Society. Charleston, South Carolina. March 6-9, 2014.

Krutilla, K., and A. Alexeev. "Political Risk, Lobbying Costs, and Economic Evaluation: Using the Tullock Contest Success Function to Improve Regulatory Impact Assessment." Presented at the 51st Annual Meetings of the Public Choice Society. Charleston, South Carolina. March 6-9, 2014.

Krutilla, K., and A. Alexeev. "Public Choice and Benefit Cost Analysis: Incorporating Decision Costs into Environmental Policy Evaluation." European Association of Environmental and Resource Economists, 20th Annual Conference. Toulouse, France. June, 2013.

Alexeev, A., and K. Krutilla. "Environmental Taxation and Fiscal Competition: Double Dividends and the Race from Efficiency." European Association of Environmental and Resource Economists 20th Annual Conference. Toulouse, France. June, 2013.

Krutilla, K., and A. Alexeev. "Public Choice and Benefit Cost Analysis: Incorporating Decision Costs into Policy Evaluation." 50th Anniversary Conference of The Public Choice Society. New Orleans, Louisiana. March, 2013.

Krutilla, K., and A. Alexeev. "Integrating Public Choice into Benefit-Cost Analysis." Meeting and Conference of the Society for Benefit Cost Analysis. Washington, D.C. February, 2013.

Krutilla, K., and A. Alexeev. "Benefit-Cost Analysis of Environmental Projects Influenced by Political Decision-Making." Annual Meeting of the Spanish-Portuguese Association of Natural Resource and Environmental Economics. Faro, Portugal. May, 2012.

Krutilla, K., and A. Alexeev. "Environmental Benefit-Cost Analysis with Political Transaction Costs." Annual meeting, Society for Environmental Law and Economics. Indiana University, Maurer School of Law. Bloomington, Indiana. June, 2012.

Krutilla, K., and R. Zerbe. "The Valuation of Intangibles in Benefit-Cost Analysis." Association for Public Policy Analysis and Management Annual Fall Research Conference. Washington, D.C. November, 2011.

Krutilla, K., and A. Alexeev. "Modifying the Benefit-Cost Standard to Reflect Political Costs: A Behavioral-Economic Approach." Society for Benefit-Cost Analysis Annual Meeting and Conference. Washington, D.C. October, 2011.

Krutilla, K. "The Implications for Benefit Cost Analysis of the Political Transaction Costs of Establishing Environmental Policy." European Association of Environmental and Resource Economists Annual Conference. Rome, Italy. June/July, 2011.

Krutilla, K., and R. Krause. "Transaction Costs and Environmental Policy: An Assessment Framework and Literature Review." Society for Environmental Law and Economics Annual Conference. Amsterdam, Netherlands. June, 2011.

Graham, J.D., and K. Krutilla. "Are Green Vehicles Worth The Extra Cost? The Case of Diesel-Electric Hybrid Technology for Urban Delivery Vehicles." Thirty-second Annual APPAM Research Conference. Boston, Massachusetts. November, 2010.

Krutilla, K., and R. Zerbe. "Valuing the Non-Market Demand for Non-Environmental Goods and Services." The Third Annual Meeting of the Society for Benefit-Cost Analysis. Washington, D.C. October, 2010.

Ho, A.T.K., and K. Krutilla. "Assessing Students' Willingness to Pay for Online Courses." The Annual Conference of the National Association of Schools of Public Affairs and Administration. Las Vegas, Nevada. September 30-October 2, 2010.

Alexeev, A., D.H. Good, and K. Krutilla. "Inter-Jurisdictional Competition in Fiscal and Environmental Policy." Empirical Evidence for Strategic Policy Setting. Fourth World Congress of Environmental and Resource Economics. Montreal, Canada. June 28 to July 2, 2010.

K. Krutilla, S. Chiu, and H. Ha. A Systematic Review of Cost-Benefit Analysis of in the Health Care Literature. Presented at the Annual Research Conference of the Association for Public Policy Analysis and Management, November 2009, Washington D.C.

Alexeev, A., D.H. Good, and K. Krutilla. "Inter-Jurisdictional Competition in Fiscal and Environmental Policy: A Quantal Response Equilibrium Analysis." Annual Research Conference of the Association for Public Policy Analysis and Management. Washington D.C. November, 2009.

Graham, J.D., and K. Krutilla. "A Benefit-Cost Comparison of Propulsion Systems for Urban Delivery Vehicles." Annual meeting of the Society for Benefit Cost Analysis. Washington D.C. October, 2009.

Alexeev, A., D.H. Good, and K. Krutilla. "Inter-Jurisdictional Competition in Fiscal and Environmental Policy: An Empirical Assessment." European Association of Environmental and Resource Economists 17th Annual Conference. Amsterdam, Netherlands. June 2009.

Good, D.H., K. Heo, and K. Krutilla. "Can Voluntary Environmental Programs Reduce Greenhouse Gas Emissions? An Analysis of the United States' Climate Challenge Program." Presented at APPAM's international conference, entitled: "Environmental Policy: A Multinational Conference on Policy Analysis and Teaching Methods." Korea. June, 2009.

Krutilla, K., A. Alexeev, and D.H. Good. "Inter-Jurisdictional Competition and Environmental Policy: An Empirical Study." APAM Fall Research Conference, Los Angeles, California. November, 2008.

Krutilla, K. "Policy Establishment Costs: The Normative Implications for Benefit-Cost Analysis."

First Annual Meeting of the Society for Benefit Cost Analysis. Washington, D.C. June, 2008.

Krutilla, K., M. Pirog, and T. Guzman. "Cost-Effectiveness Methods and Practice in Education: A Critical Review of Program Evaluation in Developing Countries." First Annual Meeting of the Society for Benefit Cost Analysis. Washington, D.C. June, 2008

Krutilla, K., A. Alexeev, and D.H. Good. "Inter-Jurisdictional Competition in Industrial and Environmental Policy: Double Dividend, or Race to the Bottom." European Association of Environmental and Resource Economists 16th Annual Conference. Gothenberg, Sweden. June, 2008.

Krutilla, K., with A. Alexeev and D.H. Good. "Inter-Jurisdictional Competition in Industrial and Environmental Policy: Double Dividend, or Race to the Bottom." APAM Fall Research Conference. Washington, D.C. 2007.

Krutilla, K., D.H. Good, and K. Heo. "Evaluating Performance Mechanisms for Voluntary Carbon Emissions Control: An Assessment of the Climate Challenge Program." European Association of Environmental and Resource Economists 15th Annual Conference. Thessaloniki, Greece. June, 2007.

Krutilla, K., D.H. Good, and K. Heo. "Evaluating the Performance of Voluntary CO₂ Emissions Control in the United States: An Analysis of the Climate Challenge Program." Presented at the Twenty-Eighth Annual APPAM Research Conference. Madison, Wisconsin. November, 2006.

Krutilla, K., D.H. Good, and K. Heo. "Evaluating the Performance of Voluntary CO₂ Emissions Control in the United States: An Analysis of the Climate Challenge Program." Presented at 3rd World Congress of Environmental and Resource Economists. Kyoto, Japan. July, 2006.

Krutilla, K., R. Aubourg, and D.H. Good. "Environmental Kuznets Curves for CO₂ Emissions in Latin America and the Caribbean: A Multivariate Contingency Approach." Conference of the European Association of Environmental and Resource Economists (EAERE), International University. Bremen, Germany. June, 2005.

Krutilla, K. "Systems Dynamics in Ramsey Economic Growth Models: The Case of an Ecological Economics Perspective for Economic Modeling." Presented at the Annual Meeting of the Brazilian Society of Ecological Economics. Belem do Para, Brazil. November, 2001.

Krutilla, K. "Systems Dynamics and Sustainable Development." International Association for the Study of Common Property Resources Conference. Bloomington, Indiana. May-June, 2000.

Boyd, R.G., K. Krutilla, and J. Lightart. "Environmental Tax Substitution: a Dynamic General Equilibrium Analysis." World Congress of Environmental and Resource Economists. Venice, Italy. June, 1998.

Boyd, R.G., K. Krutilla, and K. Richards. "Mexican Carbon Dioxide Emissions: Lessons from a Computable General Equilibrium Model." World Congress of Environmental and Resource Economists. Venice, Italy. June, 1998.

Krutilla, K., and W. Kip Viscusi. "Policy Transactions Costs and Instrument Choice." World Congress of Environmental and Resource Economists. Venice, Italy. June, 1998.

- Krutilla, K., and W. Kip Viscusi. "Environmental Policy and Rent-Seeking." Eight Annual Conference of the European Association of Environmental and Resource Economists (EAERE). Tilburg University, Netherlands. June, 1997.
- Jung, C., K. Krutilla, and R.G. Boyd. "Aggregation Bias in Natural Resource Price Composites: The Forestry Case." Eight Annual Conference of the European Association of Environmental and Resource Economists (EAERE). Tilburg University, Netherlands. June, 1997.
- Krutilla, K., W. Kip Viscusi, and C. Jung. "Environmental Regulation and Rent Seeking, Annual Meeting of the Law and Economics Association." University of Chicago. Chicago, Illinois. May, 1996.
- Prakash, A., K. Krutilla, and P. Karamanos. "Multinational Corporations and International Environmental Policy." International Studies Association. San Diego, California. 1996.
- Boyd, R.G., and K. Krutilla. "Environmental Taxation in Mexico." Annual Conference of the European Association of Environmental and Resource Economists. Lisbon, Portugal. June, 1996.
- Boyd, R.G., C. Jung, and K. Krutilla. "Incentives for Advanced Pollution Abatement Technology at the Industry Level: An Evaluation of Policy Alternatives." Annual Conference of the European Association of Environmental and Resource Economists. Umea, Sweden. June, 1995.
- Jung, C., K. Krutilla, W.K. Viscusi, and R.G. Boyd. "The Coase Theorem in a Rent-Seeking Society." Annual Conference of the European Association of Environmental and Resource Economists. Umea, Sweden. June, 1995.
- Boyd, R.G., K. Krutilla, and A. Moncayo. "The Benefits and Costs of a Broad-Based Carbon Tax on Mexico: A CGE Analysis." Second Conference on the Study of Mexico. Sponsored by: National Institute of Ecology (INE) and Center for Atmospheric Science, National University of Mexico. Quernavaca, Mexico. May, 1995.
- Boyd, R.G., and K. Krutilla. "CGE Modeling of Energy Taxation." Mineral Economics and Management Society Annual Meetings." University of Colorado. Boulder, March, 1995.
- Krutilla, K. "The Equity Effects of Energy Taxation." The Association for Public Policy Analysis and Management Annual Research Conference. Chicago, Illinois. October, 1994.
- Krutilla, K., W.K. Viscusi, and R.G. Boyd. "Environmental Regulation with Revenue Effects; An Analysis of a Clinton-Type BTU Tax." APPAM Annual Research Conference. Chicago, Illinois. October, 1994.
- Krutilla, K. "The GATT and Sustainability." Annual Conference of the European Association of Environmental and Resource Economists. Dublin, Ireland. June, 1994.
- Krutilla K., and W.F. Hyde. "Urban Energy Consumption and Periurban Deforestation in Developing Countries." Annual Conference of the European Association of Environmental and Resource Economists. Dublin, Ireland. June, 1994.

Gorman, T., K. Krutilla, and D.H. Good. "Modeling the Impact of Economic Transition in Eastern-Bloc Countries on CO₂ emissions." Annual Conference of the European Association of Environmental and Resource Economists. Dublin, Ireland. June, 1994.

Gorman, T., K. Krutilla, and D.H. Good. "Modeling the Impact of Economic Transition in Eastern-Bloc Countries on CO₂ emissions." Fifth Global Warming International Conference on Energy Resources and Environmental Impact. San Francisco, California. April 1994.

Gorman, T., K. Krutilla, and D.H. Good. "Modeling the Impact of Economic Transition in Eastern-Bloc Countries on CO₂ emissions." Oak Ridge Conference on Global Environmental Change. Oak Ridge, Tennessee. March, 1994.

Rubin, B., C. Oster, K. Krutilla, and M. Hilton. "A Framework for Assessing the Regional Ecological, Economic, and Energy Impacts of Global Climate Change." Fourth Global Warming International Conference on Energy Resources and Environmental Impact. Chicago, Illinois. April, 1993.

Boyd, R.G., and K. Krutilla. "Energy Taxation for Environmental and Fiscal Policy." Annual Conference of the European Association of Environmental and Resource Economists. Cracow, Poland. June, 1992.

Boyd, R.G., and K. Krutilla. "Energy Taxation as a Revenue-Raising Strategy: A General Equilibrium Analysis." Annual Conference of the European Association of Environmental and Resource Economists. Stockholm, Sweden. June, 1991.

Boyd, R.G., and K. Krutilla. "Energy Taxation as a Revenue-Raising Strategy: An Empirical Analysis." Association for Public Policy Analysis and Management Annual Research Conference. San Francisco, California. October, 1990.

Krutilla, K. "Environmental Regulation in an International Context." International Conference on Environmental Cooperation and Policy in the Single European Market. Venice, Italy. April, 1990.

Krutilla, K. "Trade Policy with Endogenous Transportation." Southern Economics Association Annual Meeting. Orlando, Florida. November, 1989.

Krutilla, K. "Environmental Policy and the Terms of Trade." Research Seminar, Economic Research Service, USDA. Washington, D.C. October, 1988.

RESEARCH AND TECHNICAL REPORTS PREPARED BEFORE INDIANA UNIVERSITY APPOINTMENT

Krutilla, K. "A Guide to Investment and Trade in the Forest Products Sectors of Southeast Asia." Report, Southeastern Center for Forest Economics Research. 1987.

Krutilla, K. "Economic Developments in the Wood-based Sectors of Indonesia, Malaysia, and the Philippines: The Impact on Australia." Technical paper, Australian Bureau of Agricultural Economics. 1986.

Krutilla, K. "The Demand for Rail-Shipped Lumber in the United States: An Assessment of Regional Markets." Consulting report to the Soo Line Railroad Company. 1985.

Krutilla, K. "The Potential of Solar Energy as an Air Quality Control Strategy." Report to United States Environmental Protection Agency. 1982.

Krutilla, K., and P. Milmeister. "Environmental Assessment of Photovoltaics Power Program." Report to the Photovoltaics Branch, United States Department of Energy. 1981.

Krutilla, K. "Environmental Assessment of Solar Thermal Power Program." Report to Solar Thermal Power Branch, United States Department of Energy. 1981.

Krutilla, K., and P. Milmeister. "Environmental Assessment of Solar Industrial Process Heat Program." Report to Agricultural and Industrial Process Heat Branch, United States Department of Energy. 1980.

Krutilla, K., and K. Waite. "Environmental Assessment of Building Energy Performance Standards." Report to Office of Conservation and Solar Energy, United States Department of Energy. 1979.

TEACHING

AWARD

School of Public and Environmental Affairs, Outstanding Graduate Teaching, Non-Core Curriculum. 1996.

INVITED CONTRIBUTIONS

Krutilla, K. "Distributional Accounting in Benefit-Cost Analysis." Solicited Chapter for the Book: Teaching Benefit-Cost Analysis. (Edited by Scott Farrow; published by Edgar Elgar, forthcoming Winter/Spring 2018).

Krutilla, K. "Teaching Benefit Cost Analysis at the School of Public and Environmental Affairs." Presented as part of a panel session on Teaching Benefit Cost Analysis, Sixth Annual Meeting and Conference of the Society of Benefit-Cost Analysis. Washington, D.C. March 13-14, 2014.

COURSE ASSIGNMENTS AT SCHOOL OF PUBLIC AND ENVIRONMENTAL AFFAIRS

Ph.D.

V691: Workshop in Public Policy
V710: Seminar in Sustainable Development
V710: Seminar in Energy Policy and the Environment
V680: Ph.D. Seminar

Masters

V517: Public Management Economics
V625: Environmental Economics and Policy
V643: Natural Resource Management and Policy
V520: Environmental Policy
E555: Environmental Policy Case Studies
V541 and P541: Cost-Benefit Analysis (offered in regular graduate curriculum, and online through “SPEA Connect”)
V550: Sustainable Development
V550: Seminar in Energy Policy and the Environment

Undergraduate

V401: Finance and Cost-Benefit
E340: Environmental Economics
V450: Contemporary Issues in Public Affairs
V442: Topics in Fiscal Management
E400: Environmental Policy Case Studies
V372: Financial Management and Budgeting
E300: Introduction to Environmental Science
E200: Environment and People
E100: Environment and People
V392: Research Reading

Overseas Education

Program Director, Pamplona Overseas Study Program (2012-2014), V482/V582, Economic Evaluation of Health, Safety, and Environmental Programs in Europe and the United States I and II,” Pamplona, Spain. Taught for one week in the course in 2011. The course was offered in May/June for six credits by SPEA/IU and the University of Navarra (2011, 2012) and Public University of Navarra in (2013, 2014).

SPEA CURRICULUM DEVELOPMENT

Courses

V482/V582, Economic Evaluation of Health, Safety, and Environmental Programs in Europe and the United States I and II.

Online Benefit-Cost Analysis (P541) for “SPEA Connect” program.

Benefit-Cost Analysis (P541)

Environmental Economics and Finance (e340)

Finance and Benefit-Cost Analysis (V401) (revised and advised colleagues)

Energy Policy and the Environment (V550/V710)

Sustainable Development (V550/V710)

Environmental Economics and Policy, V625

Committees

Dual-Degree Curriculum Committee, Fall 2016-Fall 2018.

MPA Curriculum Committee, Fall 2003-2006; Fall 2010-Spring 2013

Undergraduate Curriculum Committee, Fall 2009-Spring 2013

Ad hoc Committee on Energy Policy Concentration Fall 2009- Spring 2010

Ad Hoc Committee on the Sustainable Development Concentration, Fall 2007

Committees

Ad Hoc SPEA Committee on Environmental Policy, Spring 1997 - Spring 1998

Subcommittees on Policy Analysis Major and Environmental Management Major, 1996

Environmental Policy Capstone Curriculum Sub-committee, Fall 1995

SPEA Ad Hoc Committee on Environmental Policy Curriculum Committee, January 1994 - Spring of 1995

SPEA Ad Hoc Committee on One Year MPA, January 1994-May 1994

SPEA DOCTORAL EXAMINATION COMMITTEES

Chair, Environmental Policy Qualifying Exam Committee; 2008-2009; 2009-2010; Fall 2010; 2013-2014, 2014-2015.

Member, Policy Analysis Doctoral Field Exam Committee, 2011-2014.

SPEA DISSERTATION COMMITTEES, CHAIR OR CO-CHAIR

Kyoungsun Heo, Public Affairs, Fall 2004-Fall 2009 (Co-Chair)
Rene Aubourg (SPEA, Environmental Science), Spring 2000-Spring 2003 (Co-Chair)
Tony Gorman (SPEA, Environmental Science), Fall 1993 – Spring 2001 (Co-Chair)
Panagiotis Karamanos (SPEA, Public Affairs), Summer 1998 – Spring 1999 (Chair)

SPEA DISSERTATION COMMITTEE MEMBER

Ursula Kreitmair, (SPEA-Political Science). Fall 2014-Fall 2016
Husaina Banu Kenayathulla, School of Education, Spring 2010-Fall 2011
Olha Krupa, SPEA. Beginning Fall 2010
Alex Alexeev, SPEA, Fall 2005- Fall 2010
Li-Ju Chen, HPER, Fall 2008-Fall 2009
Juan Zhang, HPER, Fall 2006-Summer 2009
Nan Jiang, HPER, Fall 2006-Summer 2009
Suk-Tae Hwang, SPEA, Fall 2006-Spring 2008
Won Tae Chung, SPEA, Spring 2006-2008
Ashok Regi, (SPEA-Political Science), Fall 2002-Spring 2006
Linda Allen (SPEA-Political Science), Spring 2002-Spring 2005
Kathleen Weber, (SPEA-Political Science), Fall 2001-Fall 2008
Derek Kauneckis (SPEA-Political Science), Fall 2001-Spring 2005
Bridget Smith (SPEA-Political Science), Fall 2002-Spring 2003
Angelica Toniolo (SPEA-Political Science), Spring 2001-Fall 2004
Tae Joon Lah (SPEA Public Affairs), Fall 1999-Fall 2001
Chris Decker (Business), Spring 1998 – Summer 2000
Kim Saliba (Sociology) Spring 2000 – Summer 2000
Nives Dolsak, SPEA-Political Science, Fall 1997- Spring 2000
Fabio de Castro (SPEA, Environmental Science), Spring 1997 – Spring 1999
Matt Potoski (Political Science), Fall 1997 - Fall 1998
Kelly Lear (Business), Spring 1997- Fall 1999
Mike Metzger (Economics), Fall 1996 - Spring 1997
Mike Fotos (Political Science), Fall 1996 – Fall 1999
Tom Koontz (SPEA-Political Science), Fall 1995- Spring 1997
Aseem Prakash (SPEA-Political Science), Fall 1995 – Summer 1997
Paul Turner (Political Science), May 1996 - Spring 1998
George Varughese (SPEA-Political Science), Spring 1996 – Spring 1999
George Candler (SPEA-Political Science), Fall 1997 - Spring 1997

DOCTORAL PROGRESS REVIEW COMMITTEES*

*Progress review committees steer students in doctoral programs through the qualifying exam stage. Before 2011, membership on SPEA committees entailed writing and grading students' specialized prelim exam.

Zheng Zhou, School of Public Health, 2017-2018.
Yu Zhang (Chair), SPEA Public Affairs, 2014
Ursula Kreitmair (SPEA-Political Science) 2010-2012
Sobhi Monhanty (SPEA-Political Science) 2009-2011
Husaina Banu Kenayathulla, School of Education (2009-2010)
Rachel Krause (SPEA Public Affairs), Spring 2007- Spring 2008
Hye Yun Park, SPEA-Political Science, Fall 2006-Fall 2007
Eric Coleman, SPEA-Political Science, Fall 2006-Fall 2007
Tatyana Ruseva, SPEA, Spring 2006-Fall 2007
Jackson Wilson, HPER, Spring 2006-Fall 2007
Woo Hyun Chung, Public Affairs, Spring 2005-Spring 2008
Sean Svendsen (SPEA-Public Affairs) – Fall 2003-Fall 2005
Kyoungsun Heo (SPEA Public Affairs) – Chair, Fall 2002-Fall 2004
Yoon Chik Cho, Public Affairs, Fall 2004-Fall 2006
Alex Alexeev, Public Affairs, Fall 2004-Spring 2006
Olha Krupa, Public Affairs, Fall 2004-Fall 2005
Hanjun Park (SPEA Public Affairs), Fall 2002-Fall 2004
Jae-Ku Shim (SPEA Public Affairs), Fall 2002-Fall 2004
Evelyn Lwanga (SPEA-Political Science), Fall 2002-Spring 2004
Linda Allen (SPEA-Political Science), Fall 2000 – Fall 2003
Kathleen Weber (SPEA-Political Science), Spring 1999-Fall 2001
Angelica Toniolo (SPEA-Political Science), Fall 1999-Spring 2001
Ashok Regmi(SPEA, Public Affairs-Political Science), Spring 2001-Fall 2002
Xin ZhanG (SPEA Public Affairs-Political Science), Fall 1999-Spring 2000
Mary Morris (SPEA Public Affairs), Fall 1999-Fall 2001
Panagiotis Karamanos (SPEA, Public Affairs), Fall 1996 - Spring 1998 (Chair)
Tony Gorman (SPEA, Environmental Science), Fall 1992 - Fall 1993 (Co-Chair)
Kyoung Moon (SPEA, Environmental Science), Fall 1989 - Spring 1991 (Co-chair)
Shu-Chuan Chiu (SPEA, Public Affairs), Fall 2000-Spring 2002
Cristina Novac (SPEA-Political Science), 1997 -1998
Brooks Pearson (Geography), Fall 1997- Spring 1998
Brian Donahue (Anthropology), Spring 1997 - Spring 1998
Christine Martel (SPEA, Public Affairs), Spring 1996 - Spring 1997
Tracy Yandel (SPEA-Political Science), Fall 1996 - Spring 1998
Nives Dolsak (SPEA-Political Science), Fall 1995 – Spring 1997
Fabio de Castro (SPEA, Environmental Science), Spring 1996 - Spring 1997
George Candler (SPEA-Political Science), Spring 1996 - Spring 1997
Yu-Che Chen (SPEA-Political Science), Fall 1994 - Spring 1996
Aseem Prakash (SPEA-Political Science), Fall 1994 - Fall 1995
Tom Koontz (SPEA-Political Science), Fall 1994 - Spring 1995

Rene Aubourg (SPEA, Environmental Science), Spring 1992 - Spring 1993
George Varughese (SPEA-Political Science), Fall 1992 - Fall 1995
Charollette Wolf (SPEA, Environmental Science), Fall 1990 - Spring 1991

MASTER THESIS COMMITTEES

Master Thesis Committee (SPEA-West European Studies), Alison Behling, Fall 2008-Spring 2009
Master Thesis Committee (SPEA-Central Eurasian Studies), Luke Potoski, Fall 2005
Master Thesis Committee (SPEA-West European Studies), Rene Traicova, Spring 2003

SERVICE

SERVICE TO UNIVERSITY

Committees

Ostrom Fellowship Selection Committee, February 2017

Faculty Search and Screen Committee, Applied Economics position for Indiana University-Purdue, Fall 2010

Indiana University International Enhancements Grant Committee, Fall 2002-Spring 2005

Scientific Advisory Board Member, Indiana University Center for the Study of Institutions, Population, and Environmental Change (multi-disciplinary research center funded by \$6,334,150 grant from U.S. National Science Foundation), 1995 – 2003

Indiana University MUCIA Agriculture Representative, August 1990 - May 1991

Conferences/Presentations

Carbon taxation. Presented to “Net Impact”, student group in the Business School on sustainability, Spring 2012, Spring 2013, Fall 2013.

“Benefit Cost Analysis: Assumptions, Methods, Applications, and Controversies.” Presented at Workshop In Methods, Indiana University, Bloomington March 23, 2012.

Discussant and Presenter. Workshop in Political Theory and Policy Analysis Miniconference, Bloomington Indiana, December 2010.

Panel Moderator at The 29th György Ránki Hungarian Chair Symposium on Landscape, Environment and Society; Environmental Issues in Hungary Past and Present, Bloomington Indiana, April 2009.

Invited presentation (with K. Logan): "Surface Water Quality in the Carpathian Basin: Current Status and Future Directions", 29th György Ránki Hungarian Chair Symposium on Landscape, Environment and Society: Environmental Issues in Hungary Past and Present, Bloomington Indiana, April 2009.

Panel Moderator, Economic Development and Public Policy, Thirteenth Annual Central Eurasian Studies Conference Program, Indiana University, Bloomington, April 8, 2006.

Panel Moderator, Conference on Environmental Protection in Poland. Sponsored by SPEA and Polish Studies Department, April 1996.

Chair, Panel session on Incentive-Based Instruments. Conference sponsored by the Environmental Management Association, Indiana University Bloomington, April 1995.

"Macroeconomics and Sustainable Development." Delivered at IU Business School "Environment Week," February 1994.

"Debt for Nature Swaps." Delivered at IU Law School Symposium on environmental policy, Spring 1992.

SERVICE TO SPEA

Faculty Chair

Public Finance and Policy Analysis Faculty, School of Public and Environmental Affairs, July 1996 - July 1998.

Committees

Chair

Ad Hoc Committee on Joint MPA-MSES, Fall 2000-Spring 2001

Search and Screen Committee for faculty position in International Trade and Development (Co-Chair with Professor Phil Morgan), 1996-1997

Search and Screen Committee for SPEA faculty position in Cost-Benefit Analysis, 1995-1996

Sub-Committee on Environmental Policy and Natural Resource Management
Concentration Curriculum Committee, Fall 1994

Member

- *Faculty Search and Screen Committees*

Environmental Policy, Fall 2014-Spring 2015
Environmental Economics, Fall 2012-Spring 2013
MPA Program Director, Fall 2009- Spring 2010
Policy Analysis, Fall 2009-Spring 2010
Policy Analysis, Fall 2008-Spring 2009
Public Finance, Fall 2007-Spring 2008
Economics, Fall 2002-Spring 2003
Environmental Economics, September 1991 - May 1992

- *Admissions Committees*

Public Policy Doctoral Admissions Committee, 2013-2014
Public Policy Doctoral Admissions Committee, Fall 1996 – 1997; Fall 1999-Fall 2002,
2013-2014
Public Affairs Doctoral Admissions Committee, Fall 1996 - Spring 1998; Spring 2002-
2009
MPA Admissions Committee, Fall 2005-Fall 2006
SPEA Graduate Admissions Committee, August 1988 - May 1989

- *Other Committees*

Faculty Advisory Committee on Development, Fall 2018.
Overseas Education Committee, 2008-2013
Distance Education Task Force, Fall 2004-Spring 2005
Ad Hoc Website Research Committee, Fall 2002-Spring 2003
SPEA Policy Committee (Bloomington at large Representative), Fall 2001-Spring
2002
International Affairs Committee, Spring 2001-Fall 2001
SPEA Colloquium Committee, Fall 1999-Spring 2001
Strategic Plan Implementation Committee, Spring 1999.
Eads Fellowship Selection Committee, Spring 1988.
SPEA Awards Committee, Fall 1996 - Spring 1998
SPEA Scheduling Committee, Fall 1996 - Spring 1998
Undergraduate Policy Committee, Fall 1996 - Spring 1997

System-wide graduate policy committee (*ex officio*), Fall 1996 - Spring 1998
System wide undergraduate policy committee (*ex officio*), Fall 1996 - Spring 1998
Indiana University Memorial Board Symposium Advisory Committee, August 1990 –
Spring 1992

Other School Service

With other faculty and PhD students, initiated the SPEA Ph.D. Environmental Policy Seminar in Spring 2016

Sponsored alumni visits by Chris Colton (of Hexis Trading) in 2016 and Amy Lamson (of US EPA) in 2015

Faculty Advisor for Visiting International Scholars

Hoang Xuan Co, (Vietnam) Spring 2012
Teresa Coronas (Spain) Spring 1995 - Fall 1996
Laszlo Paiz (Hungary) Spring 1996
Marianne Kopasz (Hungary) Spring 1996
Gerdt Horsch (Germany) Fall 1991 - Spring 1992

Co-organizer seminar series: “Workshop in Management and Public Policy,” Fall 1997 - Spring 1998

Organizer of visiting lecture by Chris Colton, SPEA MPA (1994), “Over the Counter Pollution Trading: Wall-Streets Role in Title IV Trading,” April 1995

Presented "Urban Income Growth and Deforestation," at SPEA training seminar for African environmental professionals, April 1994

Co-Initiator of SPEA Natural Resource and Environmental Policy Seminar Series (1988 - 1992)

SERVICE TO STUDENTS

International Student Advisor

OPT Supervisor/Academic Advisor

Jekyung Lee, Fall 2011-Spring 2012

Phuong Fiona Doan, Spring 2012

Fulbright Fellows

Anh Le, Spring 2015-Spring 2016

Tomris Bayramova, Fall 2012-Spring 2014

Yoshino Madoka (Japan), Fall 2007- Fall 2009

Khatuna Gogaldaze (Republic of Georgia), Fall 2006- Spring 2008

Ford Foundation Fellow

Aloke Barnwall (India), Fall 2006-Spring 2008

Muskie Fellows

Natalya Panchek (Ukraine), Fall 2009-2010

Svetlana Diomin (Moldova), Fall 2002-Spring 2004

Olha Krupa (Ukraine), Fall 2002-Spring 2004

Sponsored Civil Servants by Korean Ministry of Public Administration and Security (MOPAS)

Chang Moon, Fall 2010

Howan Kang, Fall 2009 to Fall 2010

Seongmo Hong (Korea), Fall 2008-Spring 2010

Kim, Girak (Korea), Fall 2008-Spring 2010

Oh, Haengnok (Korea), Fall 2008-Spring 2010

Han Hee Ghil (Korea) Fall 2007-Spring 2009

Youngkwan Kim (Korea) Fall 2007-Spring 2009

Other International

Chang Liu, Delft University Exchange Student, Fall 2010

Akie Tanaka, Japan government fellowship student, Fall 2009-Spring 2012

Endah Tri Kurniawaty, Indonesian student sponsored by USAID, Spring 2010-Fall 2010

Doctoral Students

Initial Ph.D. Advisor

Yu Zhang (SPEA Public Affairs). 2013-2014

Hyesong Ha (SPEA Public Affairs), Fall 2009-Spring 2010

Gustavo Garcia-Lopez (SPEA- Public Affairs), Fall 2005-Spring 2006

Kyoungsun Heo, (SPEA- Public Affairs), Fall 2000-Fall 2001

Linda Allen, (SPEA-Political Science), Fall 1999-2000

Cristina Novac (SPEA-Political Science), Fall 1996 - Summer 1997

SPEA Doctoral Minor Advisor

Zheng Zhou, School of Public Health, Fall 2018-2019.

Blair Alexander, School of Education, Fall 2015-Spring 2018

Ya-Ling Chen, HPER School of Health, Physical Education and Recreation, beginning Fall 2010

Husaina Kenayathulla, School of Education, Fall 2008-Spring 2009

Juan Zhang, School of Health, Physical Education and Recreation, Spring 2006-Fall 2007

Nan Jiang, School of Health, Physical Education and Recreation, Spring 2006-Fall 2007

Jackson Wilson, School of Health, Physical Education and Recreation, Spring 2005- 2006

Li-Ju Chen, School of Health, Physical Education and Recreation, Spring 2005-2006

Jeff Elder, Sociology Department, Fall 1996 - Spring 1997

Brian Donahoe, Anthropology Department, Spring 1997 – Spring 1998

Dan Heiser, Business School, Spring 1994 - Fall 1995

Kelly Lear, Business School, Fall 1994 - Fall 1995

Derek Larson, History Department, Fall 1994 - Spring 1995

Kim Saliba, Sociology Department, Fall 1991 - Fall 1993

Other Student Guidance

Boren Fellow faculty advisor for Katie Larson, supervising “The Impact of Water Policy on Income Mobility in Jordan,” 2016-2017.

SPEA Concentration Advisor, Environmental Policy and Natural Resource Management, Fall 1987 - Fall 1982; Fall 1994 - Spring 1996; Fall 1999-2015. 2017.

SPEA Concentration Advisor, Environmental Systems and Modeling, Spring 2016- to present.

SPEA Undergraduate Finance Concentration Advisor, Finance, January 1988 – May 1991; Fall 1999-Present

Faculty Advisor, International Public Affairs Association (IPAA), 2010-2014

Delft Exchange Program Faculty Advisor, 2010-2012

Undergraduate thesis advisor, Suzanne Diebold, Spring 2010

Member COAS Honors Thesis Committee, Erin Wroblewski, Spring 2003

Faculty advisor and project supervisor for Lynn Richards, recipient of EPA graduate Fellowship for Project: “Environmental Policy in Kazakhstan,” 1996-1997

Member masters progress review committee, Billie Jo Banuelos, SPEA-Latin American Studies, 1997

Chair, Panel Session at the Workshop in Political Theory and Policy Analysis, December 1996

Chair, Panel Session at the Workshop in Political Theory and Policy Analysis, December 1995

SPEA Lilly Fellow Advisor, September 1988 - May 1989

Financial Support

Grant support for numerous graduate students, as well as 18 months employment September 1990 -February 1992 for a SPEA program graduate as part of a World Bank Project.

PUBLIC SERVICE

Refereed Publication

“Consumer’s Guide to Regulatory Impact Analysis: Ten Tips for Being an Informed Policymaker.” *Journal of Benefit Cost Analysis* 8(2): 187-204, 2017. doi:10.1017/bca.2017.11
Authors are: Susan Dudley, Richard Belzer, Glenn Blomquist, Timothy Brennan, Christopher Carrigan, Joseph Cordes, Louis A. Cox, Arthur Fraas, John Graham, George Gray, James Hammitt, Kerry Krutilla, Peter Linquti, Randall Lutter, Brian Mannix, Stuart Shapiro, Anne Smith, W. Kip Viscusi & Richard Zerbe.

International Teaching, Training, and Curriculum Development

Executive training course on “Benefit Cost Analysis” at the Escola Nacional de Administração Pública in Brasilia, Brazil, October 1-5, 2018 (sponsored by the Federal Government of Brazil, 40 hours).

Executive Training Course on “Policy Analysis,” for senior civil servants, July 16-25, 2018 in Hanoi as part of the I-LEAD program (40 hours).

Executive Training Course “Policy Analysis” for civil servants July 30-31 at the Vietnam National Institute for Public Administration in Ho Chi Minh City (sponsored by the Vietnamese Government, 16 hours).

Course section on “Policy Evaluation” delivered to visiting senior civil servants from Vietnam, Bloomington Indiana, October 12, 2018. Sponsored by the IU/SPEA Vietnam Initiative.

Course section on “Policy Analysis” delivered to visiting senior civil servants from Vietnam, Bloomington Indiana, May 31, 2018. Sponsored by the IU/SPEA Vietnam Initiative.

Executive Training course on “Public Policy,” delivered to Vietnamese public servants and local faculty, Ho Chi Minh City, Vietnam, November 13-15. Sponsored by the Vietnamese National Academy of Public Administration, 2017. (16 hours)

Course section on “Using Benefit-Cost Analysis to Support Public Administration Reform,” delivered to visiting senior civil servants from Vietnam, Bloomington Indiana, November 7, 2017. Sponsored by the IU/SPEA Vietnam Initiative.

Course section on “The Evaluation of Policymaking to Mitigate Natural Hazards in Vietnam,” delivered to visiting senior civil servants from Vietnam, Bloomington Indiana, September 27, 2017. Sponsored by the IU/SPEA Vietnam Initiative.

Training course on “Policy Analysis and Leadership,” delivered to senior civil servants, Ho Chi Minh City, July 20 – 22, (co-taught with Professor Anh Tran). Sponsored by USAID, the Vietnamese Ministry of Planning and Development, and the Academy of Policy and Development (16 hours).

Training course on “Policy Analysis and Leadership,” delivered to senior civil servants, Ba Vi, Hanoi July 17 – 19, 2017. (Co-taught with Professor Anh Tran). Sponsored by USAID, the Vietnamese Ministry of Planning and Development, and the Academy of Policy and Development (16 hours).

Course section on “Benefit-Cost Analysis for Decision-Making,” delivered to senior civil servants from Latin America, Bloomington, Indiana, May 23, 2017. Sponsored by the SPEA Leadership Executive Advance Program (LEAP).

One-week intensive short course on environmental economics at Vietnam National University, Hanoi. May-June 2013. Sponsored by USAID.

One-week intensive short course on cost-benefit analysis at the Higher School of Economics (HSE). Moscow, Russian Federation. May 2006. Sponsored by USAID.

Co-developed a graduate degree program in environmental management at Western University, Baku, Azerbaijan. August 2001; June 2002. Sponsored by the U.S Department of State

Consulting on environmental policy curriculum development, Alicante University. Alicante Spain. March 1996. Sponsored by the USIA.

International Benefit Cost Analysis

“Alternative Frameworks for Evaluating Deep Sea Mining Projects.” Presentation at a World-Bank sponsored “expert roundtable” on the management of deep sea mineral resources in the Pacific Region, December 6, 2018, Sidney Australia.

“Alternative Frameworks for Evaluating Deep Sea Mining Projects” (with David Good). Consulting Project for the World Bank, May-November 2018.

Advisor to BCA Team at the Ministry of Telecommunication of the National Government of Vietnam in November 2018 on the goals, tasks, and methods for institutionalizing benefit cost analysis and regulatory impact assessments for the Vietnamese telecommunications sector.

Advisor to the Ministry of Transportation, the Civil Aviation Ministry, the Telecommunications Ministry, and a technical committee of the Chamber of Deputies of the Brazilian National Congress on economic evaluation and implementation of guidelines for Regulatory Impact Analysis (RIA), October 1-5, 2018, Brasilia Brazil.

[“Regulatory Impact Analysis in the United States.”](#) Presentation at the Escola Nacional de Administração Pública in Brasília, Brazil, October 4.

“Benefit-Cost Analysis: Methods and Applications for Vietnam.” Invited Presentation to the Mekong Development Research Institute, Hanoi. October 13 2016

“Benefit-Cost Analysis: Methods and Applications for Vietnam.” Invited Presentation to the Hanoi City Council. October 14, 2016

“The Efficiency Cost of Tax Incentives for Multinational Corporations.” Invited, Joint Presentation with OXFAM International to the Vietnam National Assembly. October 14, 2016

Krutilla, K. “Cost-Benefit Analysis of Waste Management Strategies For the Adjara AR and the Kakheti Region of Georgia.” Waste Management Technologies in Regions, Georgia; Consulting Project for US Agency for International Development. 2016.

“Theory, Methods and Practices of Benefit Cost Analysis in the United States: A Case Study in PM2.5 Policy Analysis.” Invited presentation to workshop on benefit-cost analysis organized by the Council for International Cooperation on Environment and Development in Beijing under sponsorship of the Environmental Defense Fund. October 2016

“Cost-Benefit Analysis of Waste Management Strategies For the Adjara and Kakheti Regions of the Republic of Georgia.” USAID. September 2015- April 2016

“Assessment of VAT Relief to Incentivize the Recycling Industry In Georgia.” USAID. July 2016

“Cyber-Attack as a Contest Game: Modeling the Economic Impact.” Presented at conference on “Cyber Attack Detection, Forensics, and Attribution for Assessment of Mission Impact” (with Alexander Alexeev). Presented to NATO Science and Technology Section in Istanbul, Turkey. June 15-17, 2015

Invited seminar on “Distributional Accounting in the Benefit-Cost Analysis of Development Projects: With Applications to Forestry, Public Health, and Water Resources Management Projects.” USAID. Washington D.C. November 23, 2009

“The Uses and Limitations of Cost-Benefit Analysis.” Invited presentation to Federal University of Brazil, Salvador, Bahia. November 1997

International Other Public Service

Universidade Federal da Bahia, Salvador, Brazil. Consulting project on quality-of- life measurement, November 1997

National Institute of Ecology (INE), Mexico. Conference paper “The Benefits and Costs of a Broad-Based Carbon Tax on Mexico: A CGE Analysis,” used to help set targets for CO₂ emissions control in Mexico pursuant to National legislation in 1996

Harvard Institute for International Development, "Environmental Action Planning for the Russian Federation," January 1994 - April 1994, including presentation at a workshop at the Harvard Institute for International Development. Cambridge, Massachusetts. February, 1994

Canadian Department of Finance, "Canadian Revenue Impacts of Lumber Tariffs." September 1990 - November 1990

National Benefit Cost Analysis

Invited Expert on Benefit Cost Analysis for a working group on revising OMB Circular A-4. Sponsored by the Mercatus Center, George Mason University, 2015-2016. Washington, D.C.

Invited Expert on Benefit Cost Analysis for a working group to develop a "Policymakers' Guide to Interpreting Regulatory Impact Analysis." Sponsored by the Regulatory Studies Center, George Washington University, 2015-2016. Washington, D.C.

Article "Uncertainty in the Cost-Effectiveness of Federal Air Quality Regulations" authored with D.H. Good and J.D. Graham in *Journal of Benefit-Cost Analysis* (2015), referenced by Holman W. Jenkins, Jr. in the Wall Street Journal Oct. 6, 2015 in an article entitled: "How to Settle the VW Scandal." <http://www.wsj.com/articles/how-to-settle-the-vw-scandal-1444169764>

Reviewer for the Office of Information and Regulatory Affairs, Office of the Management and Budget. Reviewed the "OMB 2014 Report to Congress on the Benefits and Costs of Federal Regulations."

Member, Standards and Principles Scientific Committee, The Benefit-Cost Analysis Center of The University of Washington, Seattle, 2010. Provided oversight on a MacArthur Foundation-sponsored research project establishing standards and principles for conducting benefit-cost analysis.

National Other Public Service

Union of Concerned Scientist Representative, June 2001. Participated in a two-day "Climate Education program" for members of U.S. Congress.

Quoted in *Cover Story*, USA Today, May 14, 1991: "Visions Vary on Benefits of Free Trade," pp. 1B.

Research on the North American Free Trade Agreement, reported in a review study by the Congressional Budget Office. June 1993.

State/Local

Quoted in Elkhart Truth, "Wakarusa Manufacturer Utilimaster Expands Portfolio of Green Vehicles," March 25, 2012.

Quoted in Bloomington Herald Times, "Fuel Crisis Warning Questioned," March 21, 2001.

Delivered the address: "International Environmental Policy" for the Indiana Council of World Affairs, Inc. Distinguished Speaker's Series. Indianapolis, Indiana. May 16, 2001.

Delivered the address: "The Economics and Politics of Global Climate Change" at the 1991 Rotary Club State Conference, Indianapolis, May 1991.

PROFESSIONAL SERVICE

Communications

Invited Essay. Belton, K. B., Krutilla, K. and Graham, J. D. (2017). Regulatory Reform in the Trump Era. *Public Administration Revue* 77: 643–644. doi:10.1111/puar.12826

Blog Post. [Communicating about BCA](#). Society for Benefit-Cost Analysis, June 8, 2018.

Manuscript Reviewer

Ambio

American Economic Review

Canadian Journal of Economics

Ecological Economics

Economic Journal

Energy Science and Engineering

Environmental and Resource Economics

Environmental Economics and Policy Studies

Environmental Science and Technology

European Economic Review

European Journal of Political Economy

Journal of Development Economics

Journal of Environmental Economics and Management

Journal of International Economics

International Journal of Industrial Organization

International Tax and Public Finance

Forest Policy and Economics

Journal of Institutional Economics

Journal of Policy Analysis and Management

Forest Science

Public Budgeting and Finance

Management Science

Environment and Development Economics

Land Economics
American Journal of Agricultural Economics
The Energy Journal
Resource and Energy Economics
Review of International Economics
Risk Analysis
The RAND Journal of Economics
The Journal of Benefit Cost Analysis
The Journal of Economics
The Journal of Water Resource and Protection

Editorial Board

Journal of Environmental Economics and Management, 1996-1997

Proposal Reviewer

National Science Foundation

Textbook Reviewer

Routledge Economics Section. "Applied Benefit-Cost Analysis for Energy and Environmental Policy"

Book Reviewer

"The Greening of World Trade Issues," K. Anderson and R. Blackhurst, eds., *Journal of Economic Literature*, 32: 175-177, 1994.

"Crisis and Circumstance: The U.S. and International Oil," G. Horwitz and D. Weimer, eds., *Forum for Applied Research and Public Policy*, 5: 105, 1990.

Program Committees

Scientific Program Committee. World Congress of Environmental and Resource Economists. Gothenburg, Sweden. June 25-29, 2018.

Scientific Program Committee. European Association of Environmental and Resource Economists' 23rd Annual Conference. Athens, Greece. June 28 – July 1, 2017

Scientific Program Committee. European Association of Environmental and Resource Economists' 22nd Annual Conference. Zurich, Switzerland. June 22 – June 25, 2016

Scientific Program Committee. European Association of Environmental and Resource Economists' 21st Annual Conference. Helsinki, Finland. June 24 – June 27, 2015

Scientific Program Committee for the 5th World Congress of Environmental and Resource Economists. Istanbul, Turkey. June 28 to July 2, 2014

Scientific Program Committee. European Association of Environmental and Resource Economists' 20th Annual Conference. Toulouse, France. June, 2013

Scientific Program Committee. European Association of Environmental and Resource Economists' 19th Annual Conference. Prague, Czech Republic. June, 2012

Energy and Environment Program Committee. Association of Public Policy and Management Fall Research Conference. Washington, D.C. November, 2011

Scientific Program Committee. European Association of Environmental and Resource Economists' 18th Annual Conference. Rome, Italy. June, 2011

Scientific Program Committee. European Association of Environmental and Resource Economists' 17th Annual Conference. Amsterdam, Netherlands. June, 2009

Scientific Program Committee. European Association of Environmental and Resource Economists' 16th Annual Conference. Gothenberg, Sweden. June, 2008