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Fields of Research Specialization:

Environmental and Natural Resource Economics
Law and Economics
Applied Microeconomics

Education:

Ph.D.	1984	Cornell University, Ithaca, New York
B.A.	1977	Dartmouth College, Hanover, New Hampshire

Professional Experience:

Academic Experience:

1996-Present	Professor of Economics, Dept. of Economics, University of Connecticut
2001-2005	Head, Dept. of Economics, University of Connecticut
2002-2003	Director of Graduate Studies, Dept. of Economics, University of Connecticut
1990-1996	Associate Professor of Economics, Dept. of Economics, University of Connecticut
Fall, 1993 & Spring, 1992	Visiting Associate Professor, School of Forestry and Environmental Studies, Yale University
1987-1990	Assistant Professor of Economics, Dept. of Economics, University of Connecticut
1986-1987	Visiting Assistant Professor of Economics, Dept. of Economics, University of Connecticut
1984-1987	Assistant Professor of Natural Resource Economics, Dept. of Agricultural Economics, University of Wisconsin

Non-Academic Experience:

- 1978-1979 Research Analyst, U.S. House of Representatives, Committee on Interstate and Foreign Commerce, Subcommittee on Energy and Power, Washington, D.C.
- 1977-1978 Researcher, Research Program on Technology and Public Policy, Dartmouth College

Publications:

Books and Monographs:

Segerson, Kathleen, ed. *Economics and Liability for Environmental Problems*, Ashgate Publishing Co., Aldershot, UK and Burlington, VT, 2002.

Miceli, Thomas J. and Kathleen Segerson, *Compensation for Regulatory Takings: An Economic Analysis*, JAI Press, Greenwich, CT, 1996.

Bromley, Daniel W. and Kathleen Segerson, eds. *The Social Response to Environmental Risk: Policy Formation in an Age of Uncertainty*, Boston: Kluwer Academic Publishers, 1992.

"*Unilateral Transfrontier Pollution and Economic Interdependence: A Methodological Study*," unpublished Ph.D. Dissertation, Department of Agricultural Economics, Cornell University, 1984.

Journal Publications and Book Chapters:

Miceli, T.J. and K. Segerson, "A Bargaining Model of Holdouts and Takings," *American Review of Law and Economics*, forthcoming.

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Miceli, T. J. and K. Segerson, "Punishing the Innocent along with the Guilty: The Economics of Individual versus Group Punishment," *Journal of Legal Studies*, Volume 36(1), January 2007: 81-106.

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Vossler, C.A., G.L. Poe, W.D. Schulze and K. Segerson, "Communication and Incentive Mechanisms Based on Group Performance: An Experimental Study of Nonpoint Pollution Control," *Economic Inquiry*, Volume 44(4), October 2006: 599-613.

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Miceli, T. J., and K. Segerson, “A Tort for Risk and Endogenous Bankruptcy,” in M. Boyer, Y. Hiriart and D. Martimort, eds., *Frontiers in the Economics of Environmental Regulation and Liability*, Ashgate Publishing, 2006, pp. 191-206.

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Miceli, T. J. and K. Segerson, “Do Exposure Suits Produce a Race to File? An Economic Analysis of a Tort for Risk,” *Rand Journal of Economics*, Volume 36(3), Autumn 2005: 613-627.

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

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Miceli, T. and K. Segerson, “A Note on Optimal Care by Wealth-Constrained Injurers,” *International Review of Law and Economics*, Volume 23, 2003:273-284.

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Alberini, A., and K. Segerson, “Assessing Voluntary Programs to Improve Environmental Quality,” *Environment and Resource Economics*, Volume 22 (1/2), June 2002: 157-184.

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Ray, S.C. and K. Segerson, "A Profit Function Approach to Measuring Productivity Growth: The Case of U.S. Manufacturing," *Journal of Productivity Analysis*, Volume 2 (1), 1990:39-52.

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Reprinted in *The Economics of Agri-Environmental Policy*, Sandra S. Batie and Richard D. Horan, eds., Ashgate Publishing, 2004, pp. 249-265.

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Segerson, K. and D. Squires, "On the Measurement of Economic Capacity Utilization for Multi-product Industries," *Journal of Econometrics*, Volume 44 (3), June 1990:81-95.

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Opaluch, J. J. and K. Segerson, "Rational Roots of 'Irrational' Behavior: New Theories of Economic Decision Making" *Northeastern Journal of Agricultural and Resource Economics*, Volume 18(2), 1989:81-95.

Segerson, K. and S.C. Ray, "On the Equivalence of Alternative Measures of the Elasticity of Substitution," *Bulletin of Economic Research*, Volume 41 (3), July 1989:207-212.

Segerson, K., "Risk and Incentives in the Financing of Hazardous Waste Cleanup," *Journal of Environmental Economics and Management*, Volume 16 (1), January 1989:1-8.

Opaluch, J. J. and K. Segerson, "Hicksian Welfare Measures within a Regret Theory Framework," *American Journal of Agricultural Economics*, Volume 70(5), 1988:1100-1106.

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Other Publications:

Miceli, T.J., and K. Segerson, "The Paradox of Public Use: The Law and Economics of *Kelo v. New London*," *The Connecticut Economy*, Winter 2006, pp. 4-6.

Barrett, J., and K. Segerson, "Prevention and Treatment in Food Safety: An Analysis of Conceptual Issues," in Julie A. Caswell, ed., *The Economics of Reducing Health Risk from Food, Proceedings of NE-165 Conference*, Washington, D.C., 1995, Food Marketing Policy Center, University of Connecticut.

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Segerson, K., "The Political Economy of Acid Rain," *Economic Issues*, No. 88, 1984, Department of Agricultural Economics, University of Wisconsin-Madison.

Book Reviews:

"Agriculture: The Potential Consequences of Climate Variability and Change," by John Reilly, ed., *Agricultural Economics: The Journal of the International Association of Agricultural Economists*, forthcoming.

"The Road to Love Canal: Managing Industrial Waste Before EPA," by Craig E. Colten and Peter N. Skinner, *Growth and Change: A Journal of Urban and Regional Policy*, forthcoming.

"Whose Backyard, Whose Risks: Fear and Fairness in Toxic and Nuclear Waste Sitings," by Michael B. Gerrard, *Journal of Regional Science*, Vol. 36(1), 1996: 156-158.

"Land Right: The 1990's Property Rights Rebellion," by Bruce Yandle, ed., and "Regulatory Takings: Law, Economics and Politics," by William A. Fischel, *Journal of Policy Analysis and Management*, Volume 15(4), 1996: 672-677.

"Economics of Natural Resources and the Environment," by David Pearce and R. Kerry Turner, *Land Economics*, Vol. 67(2), 1991:272-276.

"The Economics of Natural Resource Use," by John Hartwick and Nancy Olewiler, *Land Economics*, Volume 62(4), 1986:422-425.

"Emissions Trading: An Exercise in Reforming Policy," by Tom Tietenberg, *Land Economics*, Volume 62(2), 1986:214-216.

Unpublished Work:

Technical Reports:

Segerson, K. and Bruce L. Dixon, "Climate Change and Agriculture: The Role of Farmer Adaptation," for Electric Power Research Institute, April 1995.

Adams, R.M., B. McCarl, K. Segerson, et al., "The Economic Effect of Climate Change on U.S. Agriculture: Final Report," for Electric Power Research Institute, No. March 1995.

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Yohe, G. and K. Segerson, "Economic Data and The Human Dimensions of Global Environmental Change: Creating a Data Support Process for an Evolving Long Term Research Program," Report of the Working Group on Economic Data, Human Dimensions of Global Environmental Change Programme, International Social Science

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Rojas, T.D. and K. Segerson, "Economic and Institutional Aspects of Risk and Liability in the Control of Groundwater Pollution," Water Resources Center, University of Wisconsin, Technical Completion Report on Project No. G-1053-06, 1987.

Current Working Papers:

Segerson, K. "Reducing Stochastic Sea Turtle Bycatch: An Efficiency Analysis of Alternative Policies," 2007.

Miceli, T.J. and K. Segerson, "Private Property, Public Use and Just Compensation: The Economics of Eminent Domain," 2007.

Segerson, K. "Resources and Rural Communities: Looking Ahead," 2007.

Ahmed, R. and K. Segerson, "Voluntary Agreements and the Use of Less Polluting Products," 2007.

Suter, J., C. Vossler, G. Poe, and K. Segerson, "Experiments on Damage-Based Ambient Taxes for Nonpoint Source Polluters," 2007.

Jones, K.R., and K. Segerson, "Liability and Negligence: The Case of Dangerous Products," 2007.

Johnston, R., E. Schultz, K. Segerson, and E. Besedin, "Development and Testing of Bioindicator-Based Stated Preference Valuation of Aquatic Resources," 2007.

Corona, J. and K. Segerson, "Brownfield Redevelopment under the Threat of Bankruptcy," 2005.

Presentations at Meetings/Conferences/Workshops:

"Eliminating Polluting Products: Voluntary vs. Regulatory Approaches," Allied Social Science Association Meetings, Chicago, IL, January 2007.

"Environmental and Land Use Economics: Where are We Headed over the Next 25 Years," presented at the *Frontiers in Resource and Rural Economics: Rural-Urban Interplay and Nature-Human Interactions* Symposium in honor of Emery Castle, Oregon State University, October 6-7, 2005.

"Voluntary Approaches and the Use of Less Polluting Products," Allied Social Science Association Meetings, Philadelphia, PA, January 2005.

"Clean Charles: An Evaluation of its 'Success'", JFK School of Government at Harvard University Conference on Leveraging the Private Sector: Management-Based Strategies for Improving Environmental Performance, Washington, D.C., July 31, 2004 (Tapas Ray presented).

"An Assessment of Legal Liability as Market-based Instrument," at Conference on Twenty Years of Market-based Instruments for Environmental Protection: Has the Promise been Realized? University of California at Santa Barbara, August 24, 2004.

"Group Punishments: What do Ambient Taxes, Joint and Several Liability, and Voluntary Approaches have in

Common?" Keynote Presentation, European Association of Environmental Economists Annual Meeting, Bilbao, Spain, June 29, 2003.

"Do Exposure Suits Produce a Race to File? An Economic Analysis of a Tort for Risk," CIRANO-IDEI-LEERNA Conference on "Regulation, Liability and the Management of Major Industrial/Environmental Risks," Toulouse, France, June 11, 2003.

"Do Voluntary Approaches to Climate Change Lead to Efficient Environmental Protection?" Workshop on "Voluntary Agreements in Climate Change," Geneva, Switzerland, January 18, 2003.

"Voluntary Approaches to Nonpoint Pollution Control: A New Role for Ambient Taxes," Second World Congress of Environmental and Resource Economists, Monterey, CA, June 24, 2002.

"Should There be a Tort for Risk?" Law and Economics Association Meeting, Cambridge, MA, May 5, 2002.

"Agriculture and Water Quality: The Role of Economic Incentives," Conference on The Farm Bill and the Environment, Washington, D.C., June 28, 2001

"Voluntary Agreements with Industries: Short Run vs. Long Run Equilibrium," Conference on Economics and the Environment, University of Central Florida, November 30, 2000.

"Economics as a Tool for Better Decision Making," invited presentation at National Research Council, Oceans Studies Board, Symposium on Nutrient Over-Enrichment in Coastal Waters: Global Patterns of Cause and Effect, Washington, D.C., October 2000.

"Voluntary Environmental Agreements with Multiple Firms: The Role of Free Riding," invited presentation at Wharton Impact Conference on Environmental Contracts: Comparative Approaches to Regulatory Innovation in Europe and the United States, University of Pennsylvania, Philadelphia, PA., September 1999.

"Conceptual Issues in the Economics of Land Use," invited presentation at the Workshop on "The Economics of Rural Land Use Change," University of Maine, July 1999.

"Environmental Liability," invited presentation at Harvard Institute for International Development Workshop on Environmental Economics and Policy Analysis, Harvard University, Cambridge, MA., July 1999.

"Water Quality," invited presentation at JFK School of Government Executive Program on Environmental Economics, Harvard University, Cambridge, MA., May 1999.

"Do Voluntary Approaches Lead to Efficient Environmental Protection?" invited presentation at the 2nd CAVA Workshop on Voluntary Approaches, Copenhagen, Denmark, May 1999.

"Liability Transfers: A U.S. Perspective," invited presentation at the Workshop on Liability, Economics and Insurance, University of Odense, Odense, Denmark, October 1998.

"Voluntary vs. Mandatory Approaches to Non-point Pollution Control: Complements or Substitutes?" contributed paper presented at World Congress of Environmental and Resource Economists, Venice, Italy, June 1998.

"Voluntary vs. Mandatory Approaches to Non-point Pollution Control: Complements or Substitutes?" invited paper presented at the GREEN/ CIRANO conference on Natural Resource and Environmental Economics, Quebec, Canada, November 1997.

"Voluntary Approaches to Environmental Protection: The Role of Legislative Threats," invited presentation at the Conference on "The Economics and Law of Voluntary Approaches in Environmental Policy," Fondazione ENI Enrico Mattei and Cerna, Venice, Italy, November 1996.

"Economics of Environmental Regulation: Approaches to Economic Optimization," invited presentation at

Workshop on "Environmental Issues in Transmission and Distribution," Electrical Insulation Research Center, University of Connecticut, October 1996.

"Government Regulation and Compensation for Takings: Implications for Agriculture," invited paper presented at the American Agricultural Economics Association Annual Meeting, Indianapolis, IN, August 1995.

"Intergovernmental Transfers in a Federal System: An Economic Analysis of Un-funded Mandates," invited presentation at Conference on "Environmental Policymaking in a Federal System," Leuven, Belgium, June 1995.

"Environmental Accidents: An Economic Framework for Policy Evaluation," invited paper presented at Workshop on "Environmental Liability Reform in Transition Economies," sponsored by the Harvard Institute for International Development, Riga, Latvia, February 1995.

"Legal Liability as an Environmental Policy Tool: Some Implications for Land Markets," invited paper presented at the 1994 TRED Conference on Managing Externalities, Lincoln Institute, Boston, MA, October 1994.

"On the Use of Spatial Data for Environmental Policy Analysis," invited presentation at the American Agricultural Economics Association Annual Meeting, San Diego, CA, August 1994.

"Agriculture and Water Quality: The Economic Effects of Induced Nutrient Management," Chesapeake Bay Research Conference, Norfolk, June 1994.

"Property Transfers and Environmental Pollution," invited presentation at the Fondazione Eni Enrico Mattei, Milan, Italy, April 1994.

"Environmental Policy and Risk," invited paper presented at the Annual Meeting of Regional Research Project S-232, Gulf Shores, Alabama, March 1994.

"Compensation for Regulatory Takings: When Should Compensation be Paid?" Selected paper presented at Allied Social Science Association Annual Meeting, Boston, January 1994.

"Issues in the Choice of Environmental Policy Instruments," invited paper presented at the Conference on Environmental Policy with Economic and Political Integration: The European Community and the United States, University of Illinois, Urbana-Champaign, October 1993.

"Liability Transfers: The Role of Asymmetric Information," selected paper presented at the American Agricultural Economics Association Annual Meeting, Orlando, FL, August 1993.

"Aggregation Bias and the Value of Site-Specific Information," with J. Wu, contributed paper presented at the American Agricultural Economics Association Annual Meeting, Baltimore, August 1992.

"The Role of Mathematics in Teaching Economics," invited presentation at the American Agricultural Economics Association Annual Meeting, Baltimore, August 1992.

"Economic Issues in Risk Avoidance," invited presentation at the Workshop on Electromagnetic Fields: How Do We Deal With the Issues? Meriden, CT, July 1992.

"Incentive Issues in the Design of Non-point Source Pollution Control Policies," with Graham-Tomasi and J.B. Braden, invited paper presented at the Workshop on Theoretical Aspects of Non-point Pollution Control, Fondazione Eni Enrico Mattei, Milan, Italy, April 1992.

"Information Problems in the Design of Non-point Source Pollution Policy" with John Braden, invited paper presented at the Association of Environmental and Resource Economists' Workshop on Management of Non-point Source Pollution, Lexington, KY, June 1991.

"Liability Transfers: An Economic Assessment of Buyer and Lender Liability," invited paper presented at Workshop on Innovations in Environmental Law, Woods Hole Oceanographic Institute, Woods Hole, MA, April

1991.

"The Structure of Penalties in Environmental Enforcement: An Economic Analysis," selected paper presented at Workshop on Innovations in Environmental Law, Woods Hole Oceanographic Institute, Woods Hole, MA, April 1991.

"Economic Issues Related to Deep Ocean Waste Disposal," invited presentation at Symposium on Deep Ocean Waste Disposal, Woods Hole Oceanographic Institute, Woods Hole, MA, January 1991.

"Institutional 'Markets': The Role of Liability in Allocating Environmental Resources," contributed paper presented at the Association of Environmental and Resource Economists Workshop on Natural Resource Market Mechanisms, Madison, Wisconsin, June 1990.

"Aggregate Analysis of Site-Specific Pollution Problems: The Case of Groundwater Contamination from Agricultural Chemicals," with James Opaluch, invited paper presented at the annual meeting of the Resource Policy Consortium, Washington, D.C., May 1990.

"Liability for Groundwater Contamination from Pesticides: The Case of EDB in Connecticut," contributed paper presented at the American Agricultural Economics Association Annual Meeting, Baton Rouge, LA., August 1989.

"Rational Roots of 'Irrational' Behavior: New Theories in the Economics of Decision-Making" with James J. Opaluch, invited paper presented at the Northeastern Agricultural and Resource Economics Association Annual Meeting, State College, PA., June 1989.

"Air Pollution and Agriculture: Are the Interactions Significant?" invited paper presented at the Commercial Agriculture and Resource Policy Symposium, Baltimore, May 1989.

"Incentive Policies for the Control of Agricultural Water Pollution," invited paper presented at the Symposium on Water Quality and Agriculture: An International Perspective on Policies, Washington, D.C., April 1989.

"Compensation for Full or Partial Takings: Who Should Pay What to Whom?" with Thomas J. Miceli, contributed paper presented at the Eastern Economic Association Meeting, Baltimore, March 1989.

"Hicksian Welfare Measures in a Regret Theory Framework," with James J. Opaluch, contributed paper presented at the American Agricultural Economics Association Annual Meeting, Knoxville, Tenn., August 1988.

"Joint Liability in Torts: Long-Run and Short-Run Efficiency Effects," with Thomas J. Miceli, contributed paper presented at the Eastern Economic Association Annual Meeting, Boston, March 1988.

"The Role of Economic Interdependence in Inter-jurisdictional Acid Rain Disputes: The U.S. -- Canadian Case," contributed paper presented at the American Agricultural Economics Association Annual Meeting, East Lansing, Michigan, August 1987.

"Risk-Sharing in Pollution Control: Some Policy Issues," invited paper presented at the Southern Natural Resource Economics Workshop on Risk and Natural Resources, Atlanta, October 1986.

"Trade Modeling: The Applied General Equilibrium Approach," invited paper presented at the American Agricultural Economics Association Conference on Modeling for the Analysis of International Trade," Reno, July 1986.

"Risk-Sharing in the Design of Environmental Policy," contributed paper presented at the American Agricultural Economics Association Annual Meeting, Reno, July 1986.

"Risk-Sharing and Liability in the Control of Stochastic Externalities," contributed paper presented at the Association of Environmental and Resource Economists Workshop, Narragansett, R.I., June 1986.

"Uncertainty and Incentives for Non-point Pollution Control," contributed paper presented at the American Agricultural Economics Association Annual Meeting, Ames, Iowa, August 1985.

"Economic Incentives for the Control of Non-point Pollution," contributed paper presented at the Non-Point Pollution Symposium, Milwaukee, April 1985.

Seminar Presentations (since 1990):

University of Guelph, 2006
University of Central Florida, 2006
University of Rhode Island, 2005
Yale University, 2005
University of Laval, 2003
Michigan State University, 2001
Columbia University, 2000
Clark University, 2000
Colby College, 1999
University of Nebraska, 1999
Harvard University, 1998
University of Illinois, 1998
University of Indiana, 1998
University of Michigan, 1998
Academia Sinica (Taipei, Taiwan), 1998
Chung-Hua Institution for Economic Research (Taipei, Taiwan), 1998
CIRANO (Montreal), 1997
Oregon State University, 1997
University of California-Davis, 1997
Yale University, 1997
University of Minnesota, 1997
Ohio State University, 1997
University of Connecticut, Dept. of Agricultural Economics, 1997
North Carolina State University, 1995
Iowa State University, 1994
Cornell University, 1994
University of Wisconsin, 1993
University of Guelph, 1993
University of Maryland, 1993
University of Rhode Island, 1993
Washington University, 1993
Yale University, 1993

Awards:

2007	AAUP (University of Connecticut Chapter) Research Excellence Award
2007	Appointment to Connecticut Academy for Arts and Sciences
2006	University of Connecticut Alumni Association Award for Excellence in Graduate Teaching
1994, 1997, 2003	Most Appreciated Faculty Award, Association of Graduate Economics Students, University of Connecticut.
1985	American Agricultural Economics Association Award for Outstanding Doctoral Dissertation

- 1985 Taylor-Hibbard Award for Excellence in Teaching, Department of Agricultural Economics, University of Wisconsin – Madison
- 1982-1983 Mary Bates Stecker Fellowship, Cornell University
- 1981-1982 Sage Graduate Fellowship, Cornell University

Grants/Contracts/Consultancies:

- 2005-2008 “Improved Valuation of Ecological Benefits Associated with Aquatic Living Resources: Development and Testing of Indicator-Based Stated Preference Valuation and Transfer,” U.S. Environmental Protection Agency STAR Grant (Robert Johnston, P.I.).
- 2007 “Voluntary Programs to Protect Pacific Sea Turtles: An Economic Evaluation”
- 2004-2006 “Optimal Regulation and Choice of Policy Instruments for Sea Turtles in the Pacific Ocean, Accounting for Risk of Detection and Effectiveness,” National Oceanographic and Atmospheric Administration.
- 2003-2005 “An Experimental Economics Examination of Incentive Mechanisms for Reducing Ambient Water Pollution Levels from Agricultural Non-Point Source Pollution,” Cornell University sub-contract, U.S. Environmental Protection Agency STAR Grant (Greg Poe, P.I.)
- 1995 "Environmental Liability Reform in Transition Economies," Harvard Institute for International Development.
- 1994 "Treatment vs. Prevention: An Analysis of Ex Ante vs. Ex Post Approaches to Food Safety," Food Marketing Policy Center, Department of Agricultural and Resource Economics, University of Connecticut.
- 1993-1995 "Climate Change and Agriculture: The Role of Farmer Adaptation," Electric Power Research Institute.
- 1993-1994 "Redesigning CERCLA Liability: An Analysis of the Issues," Reason Foundation, Los Angeles, CA.
- 1991-1993 "Regulations and Economic Incentives for Achieving Groundwater Quality," with C.R. Harper, C. Willis, and J.T. Finn (University of Massachusetts), Sub-awards of grant to University of Massachusetts from U.S. Department of Agriculture, Cooperative State Research Service.
- 1990-1991 "Measuring the Impacts of Non-Uniform Product Liability Laws on the Cost of U.S. Goods: Phase I: Methodology and Study Design," Contract with Arthur W. Wright and Associates, U.S. Small Business Administration, Office of Advocacy, Contract No. SBA 5647-OA-90.
- 1989-1993 "Evaluating the National/Regional Impacts of Policies to Control Agricultural Sources of Water Pollution: The Link to the Resource Base," Co-Operative Agreement with the U.S. Department of Agriculture, Economic Research Service.
- 1988-1989 "Liability for Groundwater Contamination: Economics Incentive and Distributional Effects," Institute of Water Resources, University of Connecticut.

- Summer 1988 "Theoretical and Empirical Extensions of Cost/Benefit Measures Under Uncertainty," Research Foundation, University of Connecticut.
- 1985-1989 "Uncertainty and Irreversibility in Natural Resource Use," Agricultural Experiment Station, University of Wisconsin.
- 1985-1986 "Economic and Institutional Aspects of Risk and Liability in the Control of Groundwater Pollution," Water Resource Center, University of Wisconsin.

Editorial Positions and Board Memberships:

- Co-editor, Ashgate Studies in Environmental and Natural Resource Economics, 2000-2005
- Member, Editorial Board, *International Yearbook of Environmental and Resource Economics*, 1999-Present.
- Member, Editorial Board, *Contemporary Economic Policy*, 1996-Present.
- Special Issue Editor, Real Estate and the Environment, *Journal of Real Estate Finance and Economics*, March/May 2001.
- Co-editor, *American Journal of Agricultural Economics*, 1996-1999
- Member, Editorial Council, *Journal of Environmental Economics & Management*, 1994- 1995.
- Associate Editor, *American Journal of Agricultural Economics*, 1991-1993.
- Associate Editor, *Journal of Environmental Economics and Management*, 1989-1991.

Federal/National Advisory Committees:

- U.S. Environmental Protection Agency, Science Advisory Board, Chartered Executive Board, 2005-Present.
- U.S. Environmental Protection Agency, Committee on Valuing the Protection of Ecological Services and Systems, 2003-Present.
- U.S. Environmental Protection Agency, Science Advisory Board, Environmental Economics Advisory Committee (standing committee), 2002-Present.
- National Academy of Sciences, National Research Council, Committee on Assessing and Valuing the Services of Aquatic and Related Terrestrial Ecosystems, 2002-2004.
- National Academy of Sciences, National Research Council, Committee on The Causes and Management of Coastal Eutrophication, 1998-2000.

Federal/National Review Panels:

- National Science Foundation, Site Review Committee, Climate Decision Making Center, Carnegie Mellon University, March 2007.

Member, External Review Committee, USDA/CSREES Review, Department of Agricultural and Applied Economics, University of Wisconsin, November 2006.

U. S. Environmental Protection Agency, Ad Hoc Committee on Superfund Benefits Assessment, 2004-Present.

National Science Foundation, Peer Review Panel, Competition for Science and Technology Centers, Arlington, VA, May 2004.

Member, External Review Committee, USDA/CSREES Review, Department of Agricultural, Environmental and Development Economics, Ohio State University, May 2004.

U.S. Environmental Protection Agency, Peer Review Panel, STAR Competition on Market Mechanisms and Incentives, Washington, D.C., January 2004.

National Science Foundation, Peer Review Panel, Competition on Centers for Decision Making Under Uncertainty, Arlington, VA, October 2003.

Member, External Review Committee, USDA/CSREES Review, Department of Resource Economics and Policy, University of Maine, May 2003.

U.S. Environmental Protection Agency, Peer Review Panel, STAR Competition on Corporate Environmental Behavior: Examining the Effectiveness of Government Interventions and Voluntary Initiatives, Washington, D.C., November 2002.

Member, External Review Committee, USDA/CSREES Review, Department of Economics, Iowa State University, February 2002.

U.S. Environmental Protection Agency, Peer Review Panel, STAR Competition on Corporate Environmental Performance and the Effectiveness of Government Interventions, Washington, DC, October 2000.

U.S. Environmental Protection Agency, Peer Review Panel, STAR Competition on Market Mechanisms and Incentives for Environmental Management, Washington, DC, May, 2000.

External Promotion/Tenure Evaluations: Brandeis University, Dartmouth College, Indiana University, INSEAD, North Carolina State University, Ohio State University, Oregon State University, Penn State University (2), Portland State University, Queens University, Resources for the Future, University of Arizona, University of California at San Diego, University of California at Santa Barbara, University of Central Florida, University of Illinois (2), University of Michigan, University of Nevada, University of Victoria

Journal/Manuscript Reviews: *Agribusiness: An International Journal*, *Agricultural and Resource Economics Review*, *American Economic Review*, *American Journal of Agricultural Economics*, *American Journal of Economics and Sociology*, *Canadian Journal of Agricultural Economics*, *Choices*, *Climate Change*, *Climate Research*, *Contemporary Economic Policy*, *Economic Inquiry*, *Environment and Development Economics*, *Environmental and Resource Economics*, *European Economic Review*, *European Review of Agricultural Economics*, *European Review of Law and Economics*, *International Journal of the Economics of Business*, *International Journal of Production Economics*, *International Review of Law and Economics*, *Journal of Agricultural and Applied Economics*, *Journal of Agricultural and Food Industrial Organization*, *Journal of Agricultural and Resource Economics*, *Journal of Cleaner Production*, *Journal of Economic Education*, *Journal of Economics and Business*, *Journal of Economics and Management Strategy*, *Journal of Environmental Economics and Management*, *Journal of Industrial*

Economics, Journal of Institutional and Theoretical Economics, Journal of Law and Economics, Journal of Legal Studies, Journal of Marine Environmental Engineering, Journal of Policy Analysis and Management, Journal of Public Economics, Journal of Real Estate Finance and Economics, Journal of Regulatory Economics, Land Economics, Law and Policy, Managerial and Decision Economics, Marine Resource Economics, Oxford Economic Papers, Policy Studies Journal, Rand Journal of Economics, Resource and Energy Economics, Review of Agricultural Economics, Review of Economics and Statistics, Scandinavian Journal of Economics, Southern Economic Journal, Urban Affairs Review, Water Resources Research, World Development.

Grant Reviews: AKF, Institute of Local Government Studies, Blackwell Publishers, Kluwer Academic Publishers, Mansholt Institute, National Academy of Sciences, National Oceanic and Atmospheric Administration, National Science Foundation, Ohio State University Sea Grant Program, Research Council of Canada, South-Western College Publishing, Swiss National Science Foundation, U.S. Department of Energy, U.S. State Department, University of Maryland Agricultural Experiment Station, Minnesota Sea Grant Program, University of Rhode Island Experiment Station, Wisconsin Sea Grant Program.

Other Professional Service:

Member, Nominating Committee, Association of Environmental and Resource Economists, 2005

Member, American Agricultural Economics Association Selected Papers Committee, 2004.

Member, American Agricultural Economics Association Foundation Board, 2002-2005

Outstanding Doctoral Dissertation Award Committee, American Agricultural Economics Association, 2002-2004 (Chair in 2003).

Member, Ad Hoc Committee on Name and Image Change, American Agricultural Economics Association, 2002-2003.

Member, Paper Selection Committee, Second World Congress of Environmental and Resource Economists, 2002.

Outside Dissertation Evaluator, University of Copenhagen, 2002

Member, Nominating Committee, Association of Environmental and Resource Economists, 2000-2001

Member, Program Committee, World Congress of Environmental and Resource Economists, 1998.

Member, Association of Environmental and Resource Economists Workshop Committee, 1993-1995 (Chair in 1995).

Member, American Agricultural Economics Association's Selected Papers Committee, 1995.

Vice-President, Association of Environmental and Resource Economists, 1994-1995.

Member, American Agricultural Economics Association's Selected Papers Committee, 1993.

Member, Board of Directors, Association of Environmental and Resource Economists 1991-1993.

Member, American Agricultural Economics Association Awards Committee (Professional Publications – Quality of Research Award), 1990-1993.

Member, American Agricultural Economics Association Selected Papers Committee, 1991-1992

Other Professional Activities (since 1990):

4th Galloway Lecture, "Using Economics to Preserve Endangered Species: The Case of the Pacific Sea Turtle," University of Central Florida, March 23, 2006.

Invited Discussant, NBER Workshop of Environmental Economics Working Group, Cambridge, MA, April 8, 2006.

Invited Discussant, session on Evaluating Pollution Prevention Policies, American Agricultural Economics Association Meeting, Providence, RI, July 25, 2005.

Invited Discussant, commentator in session on EPA's Environmental Economic Research Needs and EPA's Research Strategy, American Agricultural Economics Association Meeting, Providence, RI, July 25, 2005.

Invited discussant, session on "Voluntary Environmental Initiatives: Implications for Environmental and Financial Performance," American Agricultural Economics Association Meeting, Denver, CO, August 2004.

Invited participant, symposium on "Who Will Help the Social Planner?" American Agricultural Economics Association Meeting, Denver, CO, August 2004.

Research Fellow, Rural Development Research Consortium, University of California, Berkeley, 2003-Present.

Invited participant, National Science Foundation sponsored Workshop on Developing a Research Agenda for Linking Ecological and Socioeconomic Systems, Tempe, AZ, June 2000.

Invited panelist, EPA Workshop on Climate Change and Agriculture, Washington, D.C., May 1998

Invited discussant, National Bureau of Economic Research (NBER) Conference on Trade, the Environment, and Natural Resources, Cambridge, MA, May 1998

Invited discussant, Allied Social Science Association (ASSA) Meeting, Chicago, January 1998

Invited discussant, American Agricultural Economics Association (AAEA) Meeting, Toronto, August 1997.

Invited discussant for session at "Flexible Incentives for the Adoption of Environmental Technologies in Agriculture," University of Florida, Gainesville, FL, June 1997.

Moderator/discussant at session on "Environmental Federalism," Association for Public Policy Analysis and Management, Pittsburgh, PA, November 1996.

Invited discussant for session at "Economics of Sustainable Agriculture," U.S. Department of Agriculture, Economic Research Service, Washington, D.C., October 1996.

Invited attendee at a conference on "Environmental Reform: The Next Generation Project," at Yale University, Yale Center for Environmental Policy and Law, September 1996.

Invited discussant, "Environmental Auditing and Corporate Environmental Performance," Allied Social Science Association Meeting, Washington, D.C., January 1995.

Invited discussant, "The Benefits of Groundwater Protection," Annual Meeting of the American Agricultural Economics Association, San Diego, CA, August 1994.

Invited discussant, "Exploiting Spatial Data in Agriculture: New Theories, New Technologies," Annual Meeting of the American Agricultural Economics Association, San Diego, CA, August 1994.

Member, Technical Review Committee for "Livestock and the Environment: A National Pilot Project," Iowa State University, 1994.

Member, Editorial Board, CIESIN Thematic Guides on Global Warming, 1994.

Member, Technical Review Committee, "Livestock and the Environment: A National Pilot Project," Iowa State University, 1993.

Invited discussant, "Budget Balancing Incentive Mechanisms," American Agricultural Economics Association Annual Meeting, Baltimore, MD, August 1992.

Discussant, "Regulatory Systems and Systems Dynamics: An Institutional Analysis of Superfund," American Economic Association Annual Meeting, December 1990.

Memberships in Professional Societies:

American Economic Association
American Agricultural Economics Association
Association of Environmental and Resource Economists
Resource Policy Consortium

PhD Advisees (16): Rasha Ahmed, Bobur Alimov, James Barrett, James Bathgate, Joel Corona, Na Li Dawson, Katalin Demeter, Deepak Joglekar, Kristin Roti Jones, Surabhi Kadambe, Sung-Woen Kim, Zinnia Mukherjee, Tapas Ray, Ishita Sengupta, Lih-Chyi Wen, Junjie Wu

Service Contributions

University Service (since 1990)

Center for Environmental Sciences and Engineering Subcommittee on Multidisciplinary Environmental Research Grants for Graduate Students, co-chair, 2007

Provost's Academic Plan Implementation Committee for the Environment, co-chair, 2007

Environmental Leadership Awards Selection Committee, 2007

Reappointment Review Committee for Associate Dean James Henkel, 2006

Faculty Review Board, 2005-Present (Chair, 2007)

Member, Center for Environmental Sciences and Engineering Faculty Advisory Council, 2006-Present.

Information Technology Steering Committee, 2005-Present

Environmental Policy Advisory Committee, 2005-Present

Environmental Literacy Workgroup, 2005-Present

Teale Lectures on Nature and the Environment Organizing Committee, 1996-Present

Alumni Association Distinguished Professor Selection Committee, 2004

Reappointment Review Committee for Dean Kirk Kerr, 2002-2003

Graduate Task Force on Admissions and Records, 2002-2003

External Review Committee, Finance Department External Review, 2000-2001

Faculty Senate Representative, 1999-2000

Environmental Studies Curriculum Group, 1999-2000

Advisory Council, Center for Environmental Health, 1995-1997

Member of Executive Board, Institute of Water Resources, University of Connecticut, 1988-1993.

Member of Advisory Council, Center for Environmental Health, University of Connecticut, 1988-1993.

Social Sciences Area Review Committee, 1990-1992.

College of Liberal Arts and Sciences (CLAS) Service (since 1990)

CLAS Dean's Academic Advisory Council, 2006-Present

CLAS Dean's Strategic Planning Committee, 2005-2006

CLAS Committee on Committees, 2005-Present.

CLAS Social Science Building Committee, 2004-2005

Search Committee, CLAS Associate Dean, 2003-2004

CLAS Program Review Committee, 2002-2003

Department Head Search Committee, Department of Sociology, 2000-2001

Dean's Advisory Council, 1996-1999

Department Head Search Committee, Department of Political Science, 1993-1994

Department of Economics Service (since 1990)

Department Head, 2001-2004

Faculty Nominations, Awards and Joint Appointments, 2006-2007, 2005-2006.

Departmental Newsletter, 2005-2006.

Recruiting Committee, 2004-2005, 2003-2004, 2002-2003, 2001-2002, 2000-2001, 1993-1994, 1990-1991.

Preliminary Exam Committee, 2006-2007 (chair), 2003-2004, 2002-2003, 2001-2002, 2000-2001, 1999-2000, 1998-1999, 1996-1997, 1995-1996, 1994-1995, 1993-1994, 1992-1993, 1991-1992, 1990-1991.

Director of Graduate Studies, 2002-2003

Promotion, Tenure and Review Committee, 2000-2001, 1999-1998, 1998-1999, 1996-1997, 1995-1996, 1994-1995, 1993-1994, 1992-1993, 1991-1992, 1990-1991.

Chair, Graduate Fields Committee, 1998-1999

Undergraduate Affairs Committee, 1996-1997, 1995-1996

Graduate Program Committee, 1992-1993, 1991-1992, 1990-1991.