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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:**

2009-Present	Philip. E. Austin Professor of Economics, University of Connecticut
1996-Present	Professor of Economics, Dept. of Economics, University of Connecticut
2009-Present	Affiliated Faculty, Environmental Engineering Program, University of Connecticut
2008- Present	Affiliated Faculty, Center for Environmental Sciences and Engineering, 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

**Awards/Honors:**

- 2009 Association of Environmental and Resource Economists, Publication of Enduring Quality Award for “Uncertainty and Incentives for Nonpoint Pollution Control,” *Journal of Environmental Economics and Management*, 1988
- 2008 Fellow, American Agricultural Economics Association
- 2008 Fellow, Association of Environmental and Resource Economists
- 2007 AAUP (University of Connecticut Chapter) Research Excellence Award
- 2007 Appointment to Connecticut Academy of 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

**Editorial Positions and Board Memberships:**

- Member, Editorial Board, *European Review of Agricultural Economics*, 2010-Present
- Member, Editorial Board, *Strategic Behavior and the Environment*, 2009-Present

Member, Editorial Council, *Journal of Environmental Economics & Management*, 1994-1995, 2008-Present

Member, Editorial Board, *International Review of Environmental and Resource Economics*, 2008-Present

Co-editor, Ashgate Studies in Environmental and Natural Resource Economics, 2000-2005

Member, Editorial Board, *International Yearbook of Environmental and Resource Economics*, 1999-2007.

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

Associate Editor, *American Journal of Agricultural Economics*, 1991-1993.

Associate Editor, *Journal of Environmental Economics and Management*, 1989-1991.

### **Federal/National Advisory Committees:**

National Academy of Sciences, National Research Council, Board on Agriculture and Natural Resources, Earth and Life Sciences, 2009-Present.

National Academy of Sciences, National Research Council, Committee on Improving Principles and Guidelines for Water Resources Planning, 2008-Present.

U.S. General Accounting Office, Expert Panel on Climate Change Economics, 2007-2008.

U.S. Environmental Protection Agency, Science Advisory Board, Chartered Executive Board, 2005-Present.

U.S. Environmental Protection Agency, Science Advisory Board, Committee on Valuing the Protection of Ecological Services and Systems (Vice-Chair), 2003-2009.

U.S. Environmental Protection Agency, Science Advisory Board, Ecological Processes and Effects Ad Hoc Committee on EPA's Ecological Research Program, 2008-2010.

U.S. Environmental Protection Agency, Science Advisory Board, Environmental Economics Advisory Committee (standing committee), 2002-2005.

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, Decision Making Under Uncertainty, University of California at Berkeley, October 2009.

Member, External Review Committee, USDA/CSREES Review, College of Agriculture and Environmental Sciences, Environmental Programs, University of Georgia, November 2007.

Member, External Review Committee, USDA/Economic Research Service, Resource and Rural Economics Division, October 2007.

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.

## **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:**

Kling, Catherine, Kathleen Segerson, and Jason Shogren, "Environmental Economics: How Agricultural Economists Helped Advance the Field," *American Journal of Agricultural Economics*, forthcoming.

Suter, Jordan, Kathleen Segerson, Christian Vossler, and Gregory Poe, "Voluntary-Threat Approaches to Reduce Ambient Water Pollution," *American Journal of Agricultural Economics*, forthcoming.

Segerson, Kathleen, "Can Voluntary Programs Reduce Sea Turtle Bycatch?" in R. Quentin Grafton, Ray Hilborn, Dale Squires, Meryl Williams and Maree Tait, eds., *Handbook of Global Fisheries Management*, Oxford University Press, forthcoming.

Segerson, Kathleen, "Policies to Reduce Stochastic Sea Turtle Bycatch: An Economic Efficiency Analysis," in Peter Dutton and Dale Squires, eds., *Conservation of Pacific Sea Turtles*, University of Hawai'i Press, forthcoming.

Johnston, Robert, Eric Schultz, Kathleen Segerson, and Elena Besedin, "Bioindicator-based Stated Preference Valuation for Aquatic Habitat and Ecosystem Service Restoration," in Jeff Bennet, ed., *International Handbook on Non-Marketed Environmental Valuation*, forthcoming.

Polasky, Stephen, and Kathleen Segerson, "Integrating Ecology and Economics in the Study of Ecosystem Services: Some Lessons Learned," *Annual Review of Resource Economics*, Volume 1, October 2009: 409-434.

Miceli, Thomas J., Kathleen Segerson, and C.F. Sirmans, "Tax Motivated Takings," *National Tax Journal*, Volume LXI, No. 4, Part 1, December 2008: 579-592.

Dawson, Na Li, and Kathleen Segerson, "Voluntary Agreements with Industries: Participation Incentives with Industry-wide Targets," *Land Economics*, Volume 84(1), February 2008: 97-114.

Suter, Jordan F., Christian A. Vossler, Gregory L. Poe, and Kathleen Segerson, "Experiments on Damage-Based Ambient Taxes for Nonpoint Source Polluters," *American Journal of Agricultural Economics*, Volume 90(1), February 2008: 86-102.

Segerson, K. "Regulation and Compliance: Discussion," in Todd Cherry, Stephan Kroll, and Jason Shogren, eds., *Environmental Economics, Experimental Methods*, Rutledge Publishers, 2008, pp. 324-328.

Segerson, Kathleen, "Resources and Rural Communities: Looking Ahead," in Junjie Wu, Paul W. Barkley, and Bruce A. Weber, eds., *Frontiers in Resource and Rural Economics*, Resources for the Future Press, 2008.

Miceli, Thomas J. and Kathleen Segerson, "The Economics of Eminent Domain: Private Property, Public Use and Just Compensation," *Foundations and Trends in Microeconomics*, Volume 3(4), 2007: 275-329.

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Miceli, T.J. and K. Segerson, "A Bargaining Model of Holdouts and Takings," *American Review of Law and Economics*, Volume 9(1), Spring 2007: 160-174.

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.

Reprinted in *Economics of Ancient Law*, Geoffrey Miller, ed., Edward Elgar Publishers, forthcoming.

Miceli, T. and K. Segerson, "Should Victims of Exposure to a Toxic Substance have an Independent Claim for Medical Monitoring?" *Research in Law and Economics*, Volume 22, 2007: 217-231.

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Segerson, K. and Junjie Wu, "Voluntary Approaches to Nonpoint Pollution Control: Inducing First Best Outcomes through the Use of Threats," *Journal of Environmental Economics and Management*, Volume 51(2), March 2006: 165-184

Ray, T. and K. Segerson, "Clean Charles 2005 Initiative: Why the "Success"?" in C. Coglianese and J. Nash, eds., *Leveraging the Private Sector*, Washington, D.C.: Resources for the Future Press, 2006, pp: 201-227.

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.

Segerson, K., A. Plantinga, and E. Irwin, "Theoretical Background," in K. P. Bell, K. J. Boyle, and J. Rubin, eds., *Economics of Rural Land-Use Change*, Ashgate Publishing Co., Aldershot, 2006: 79-112.

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Segerson, K. and K. Roti Jones, "Do Voluntary Approaches to Climate Change Lead to Efficient Environmental Protection?" in A. Baranzini and P. Thalmann, eds., *Voluntary Agreements in Climate Change*, Edward Elgar, 2004. pp. 67-88.

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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*Environmental Economics*, (Cheltenham, UK and Northampton, MA: Edward Elgar, 2002), pp. 142-157.

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Miceli, T.J., K. Segerson, and G. Li, "When Should Providers of Recreational Land be Immune from Liability?" *Journal of Real Estate Finance and Economics*, Volume 22 (2/3), March/May 2001: 253-272.

Segerson, K., and N.L. Dawson, "Environmental Voluntary Agreements: Participation and Free Riding," in K. Deketelaere and E. Orts, eds., *Environmental Contracts: Comparative Approaches to Regulatory Innovation in the United States and Europe*, (Kluwer, 2001), pp. 369-388.

Segerson, K. "Real Estate and the Environment: An Introduction," *Journal of Real Estate Finance and Economics* Volume 22 (2/3), March/May 2001: 135-140.

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Segerson, K., "Liability for Environmental Damages," in H. Folmer, H.L. Gaber and H. Opschoor, eds., *Principles of Environmental and Resource Economics*, 2nd edition (Cheltenham, UK: Edward Elgar, 2000), pp. 420-444..

Dixon, B. L. and K. Segerson, "Agriculture and Climate Change: An Assessment of Increased Climate Variability," *Journal of Agricultural and Applied Economics*, Volume 31(3), December 1999: 537-549.

Segerson, K. "Mandatory versus Voluntary Approaches to Food Safety," *Agribusiness*, Volume 15 (1), Winter 1999: 53-70.

Miceli, T. J. and K. Segerson, "Threshold Rules for Funding Environmental Mandates," *Land Economics*, Volume 75 (3), August 1999: 375-389.

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Segerson, K., "Environmental Protection: Governments and The Allocation and Use of Property," in N. Mercuro and W.J. Samuels, eds., *The Fundamental Interrelationships Between Government and Property* (Greenwich, CT: JAI Press, 1999).

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Adams, R.M., B.A. McCarl, K. Segerson, et al., "Economic Effects of Climate Change on U.S. Agriculture," in Robert Mendelsohn and James E. Neumann, eds., *The Impact of Climate Change on the United States Economy*, (Cambridge University Press, 1999).

Segerson, K. and B.L. Dixon, "Climate Change and Agriculture: The Role of Farmer Adaptation", in Robert Mendelsohn and James E. Neumann, eds. *The Impact of Climate Change on the United States Economy*, (Cambridge University Press, 1999).

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*Technologies in Agriculture*, (Kluwer Academic Publishers, 1999).

Segerson, K., "Guiding Principles for Environmental Policy Design: An Economist's Perspective," in Ken Sexton, Alfred A. Marcus, William Easler, and Timothy D. Burkhardt, eds., *Better Environmental Decisions: Strategies for Governments, Businesses and Communities*, (Island Press, 1999).

Segerson, K. and T.J. Miceli, "Voluntary Environmental Agreements: Good or Bad News for Environmental Protection?" *Journal of Environmental Economics and Management*, Volume 36 (2), September 1998: 109-30.

Reprinted in *Recent Developments in Environmental Economics*, Michael Hoel, ed., Edward Elgar Publishers, 2004, pp. 225-246.

Kadambe, S. and K. Segerson, "On the Role of Fines as an Environmental Enforcement Tool," *Journal of Environmental Planning and Management*, Volume 41(2), March 1998: 217-226.

Miceli, T.J., and K. Segerson, "Compensation for Regulatory Takings," in P. Newman, ed., *The New Palgrave Dictionary of Economics and the Law*, (Macmillan, 1998).

Miceli, T.J., and K. Segerson, "The Public Use Limitation on Takings: A Synthesis of Recent Economic Theories," in R. W. McGee, Ed., *Commentaries on Law and Economics: 1997 Yearbook*, (Dumont Institute for Public Policy Research, 1998).

Barrett, J. and K. Segerson, "Prevention vs. Treatment in the Design of Environmental Policy," *Journal of Environmental Economics and Management*, Volume 33(2), June 1997: 196-213.

Segerson, K. "Legal Liability as an Environmental Policy Tool: Some Implications for Land Markets," *Journal of Real Estate Finance and Economics*, Volume 15 (2), October 1997: 143-159.

Segerson, K., T. J. Miceli and L-C. Wen, "Intergovernmental Transfers in a Federal System: An Economic Analysis of Unfunded Mandates", in Braden, J. B., and S. Proost, eds. *The Economic Theory of Environmental Policy in a Federal System*, (Edward Elgar, 1997).

Segerson, K., "Government Regulation and Compensation: Implications for Environmental Quality and Natural Resource Use: Introduction", *Contemporary Economic Policy*, Volume 15(4), October 1997: 28-31.

Segerson, K., "Issues in the Choice of Environmental Policy Instruments," in Braden, J.B., H. Folmer and T. S. Ulen, eds., *Environmental Policy with Political and Economic Integration*, (Edward Elgar, 1996).

Wu, J., and K. Segerson, "On the Use of Aggregate Data to Evaluate Groundwater Protection Policies," *Water Resources Research*, Volume 31(7), July 1995:1773-1780.

Miceli, T. J. and K. Segerson, "Government Regulation and Compensation for Takings: Implications for Agriculture", *American Journal of Agricultural Economics*, Volume 77(5), December 1995: 1177-1182.

Wu, J., and K. Segerson, "The Impact of Policies and Land Characteristics on Potential Groundwater Pollution in Wisconsin," *American Journal of Agricultural Economics*, Volume 77(4), November 1995: 1033-1047.

Reprinted in *The Economics of Agri-Environmental Policy*, Sandra S. Batie and Richard D. Horan, eds., Ashgate Publishing, 2004, pp. 351-365.

Reprinted in *The Economics of Land Use*, Peter J. Parks and Ian W. Hardie, eds.,

Ashgate Publishing, 2002, pp. 71-85.

Miceli, T.J., and K. Segerson, "Defining Efficient Care: The Role of Income Distribution," *Journal of Legal Studies*, Volume 24(1), January 1995:189-208.

Segerson, K. and D. Squires, "A Note on the Measurement of Capacity Utilization for Revenue-Maximizing Firms," *Bulletin of Economic Research*, Volume 47(1), January 1995:77-84.

Segerson, K., "Liability and Penalty Structures in Policy Design," in Bromley, D. W., ed., *Handbook of Environmental Economics*, (Basil Blackwell, 1995).

Miceli, T.J. and K. Segerson, "Regulatory Takings: When Should Compensation Be Paid?" *Journal of Legal Studies*, Volume 23(3), June 1994:749-776.

Segerson, K., "Property Transfers and Environmental Pollution: Incentive Effects of Alternative Policies," *Land Economics*, Volume 70(3), August 1994: 261-72.

Graham-Tomasi, T., K. Segerson, and J. Braden, "Incentive Issues in the Design of Non-point Source Pollution Control Policies," in Dosi, C. and T. Graham-Tomasi, eds., *Non-point Source Pollution Regulation: Issues in Analysis*, (Kluwer Academic Publishers, 1994).

Segerson, K. "The Benefits of Groundwater Protection: Discussion," *American Journal of Agricultural Economics*, Volume 76(5), December 1994: 1076-1078.

Miceli, T.J., K. Segerson, and A.W. Wright, "The Cost of Product Liability for Small vs. Large Firms," *Journal of Products and Toxics Liability*, Volume 15, 1993:125-143.

Segerson, K., "Liability Transfers: An Economic Assessment of Buyer and Lender Liability," *Journal of Environmental Economics and Management*, Volume 25(1, Part 2), July 1993: S46-S63.

Reprinted in *The Economics of Hazardous Waste and Contaminated Land*, Hilary A. Sigman, ed., Edward Elgar Publishing, 2008.

Segerson, K. and D. Squires, "Capacity Utilization Under Regulatory Constraints," *Review of Economics and Statistics*, Volume 75(1), February 1993:76-85.

Miceli, T.J. and K. Segerson, "Regulating Agricultural Groundwater Contamination: Comment," *Journal of Environmental Economics and Management*, Volume 25(2), September 1993:196-200.

Miceli, T.J. and K. Segerson, "A Public Choice Analysis of the Evolution of Tort Law: A Comment," *American Journal of Economics and Sociology*, Volume 52(1), January 1993:79-83.

Segerson, K. and T. Tietenberg, "The Structure of Penalties in Environmental Enforcement: An Economic Analysis," *Journal of Environmental Economics and Management*, Volume 23, September 1992:179-200.

Reprinted in *The Economics of Monitoring and Enforcement*, Clifford S. Russell, ed., Ashgate Publishing, 2003, pp. 85-106.

Reprinted in *Economics and Liability for Environmental Protection*, Kathleen Segerson, ed., Ashgate Publishing, 2002, pp. 333-354.

Reprinted in *Economics and Environmental Policy*, T.H. Tietenberg, ed., Elgar Publishing, 1994, pp. 232-253.

Braden, J., and K. Segerson, "Information Problems in the Design of Non-Point Source Pollution Policy," in C. Russell and J. Shogren, eds., *Theory, Modeling, and Experience in the Management*

*of Nonpoint-Source Pollution*, (Kluwer Academic Publishers, 1992).

Segerson, K., "Lender Liability for Hazardous Waste Cleanup," in Tietenberg, Tom, ed., *Innovation in Environmental Policy: Economic and Legal Aspects of Recent Developments in Environmental Enforcement and Liability* (Edward Elgar Publishing, 1992).

Segerson, K., and T. Tietenberg, "Defining Efficient Sanctions," in Tietenberg, Tom, ed., *Innovation in Environmental Policy: Economics and Legal Aspects of Recent Developments in Environmental Enforcement and Liability* (Edward Elgar Publishing, 1992).

Segerson, K., "The Policy Response to Risk and Risk Perceptions," in Bromley, D.W. and Segerson, K., eds., *The Social Response to Environmental Risk: Policy Formation in an Age of Uncertainty*, (Kluwer Academic Publishers, 1992).

Miceli, T.J. and K. Segerson, "Joint Liability in Torts: Marginal and Infra-Marginal Efficiency," *International Review of Law and Economics*, Volume 11 (3), December 1991:235-249.

Opaluch, J.J. and K. Segerson, "Aggregate Analysis of Site-Specific Pollution Problems: The Case of Groundwater Contamination from Agricultural Chemicals," *Northeast Journal of Agricultural and Resource Economics*, Volume 20(1), 1991:83-97.

Reprinted in *The Economics of Agri-Environmental Policy*, Sandra S. Batie and Richard D. Horan, eds., Ashgate Publishing, 2004, pp. 79-93.

Miceli, T. and K. Segerson, "Contingent Fees for Lawyers: The Impact on Litigation and Accident Prevention," *Journal of Legal Studies*, Volume 20(2), June 1991:381-399.

Segerson, K., "Air Pollution and Agriculture: A Review and Evaluation of Policy Interactions," in Just, R. and Bockstael, N., eds., *Commodity and Resource Policies in Agricultural Systems*, (Springer-Verlag, 1991).

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.

Segerson, K., "Liability for Groundwater Contamination from Pesticides," *Journal of Environmental Economics and Management*, Volume 19 (3), November 1990:227-243.

Reprinted in *The Economics of Water Quality*, K. William Easter and Naomi Zeitouni, eds., Ashgate Publishing, 2006, pp. 209-228.

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

Reprinted in *Economics and Liability for Environmental Protection*, Kathleen Segerson, ed., Ashgate Publishing, 2002, pp. 315-331.

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.

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Segerson, K., "Risk-Sharing and Liability in the Control of Stochastic Externalities," *Marine Resource Economics*, Volume 4 (3), 1987:175-192.

Chavas, J.P. and K. Segerson, "Stochastic Specification and Estimation of Share Equation Systems," *Journal of Econometrics*, Volume 35 (2/3), July 1987:337-358.

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Segerson, K., "Economic Impacts of Ozone and Acid Rain: Discussion," *American Journal of Agricultural Economics*, Volume 69(5), December 1987:970-71.

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Chavas, J.P. and K. Segerson, "Singularity and Autoregressive Disturbances in Linear Logit Models," *Journal of Business Economics and Statistics*, Volume 4 (2), April 1986:161-169.

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Segerson, K. and T.D. Mount, "A Non-Homothetic Two-Stage Decision Model Using AIDS," *The Review of Economics and Statistics*, Volume 67 (4), November 1985:630-639.

Segerson, K., "Unilateral Transfrontier Pollution: The Role of Economic Inter-dependence," *Land Economics*, Volume 61 (1), February 1985:83-87.

**Other Publications:**

Joglekar, Deepak and K. Segerson, "India's Double Dividend," *International Affairs Forum*, Winter 2009/2010, pp. 31-34.

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.

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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*, Volume 30(3), May 2004: 253-254.

"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*, Volume 27(4), October 1996.

"Whose Backyard, Whose Risks: Fear and Fairness in Toxic and Nuclear Waste Sitings," by Michael B. Gerrard, *Journal of Regional Science*, Volume 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*, Volume 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.

Segerson, K. and Junjie Wu, "Economic Analysis and Groundwater Quality: A Survey of Related Research," for USDA/CSRS

Segerson, K. and Junjie Wu, "The Impact of Government Programs and Land Characteristics on Groundwater Pollution in Wisconsin," for USDA/ERS Cooperative Agreement No. 58-3 AEM-9-80068.

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 Council, October 1992.

Miceli, T.J., K. Segerson, and A.W. Wright, "Measuring the Impacts of Non-Uniform Product Liability Laws on the Cost of U.S. Goods: Phase I: Methodology and Study Design," Report submitted to U.S. Small Business Administration, Office of Advocacy, pursuant to Contract No. SBA 5647-OA-90, October 1991.

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:**

Earnhart, D. and K. Segerson, "The Influence of Financial Status on the Effectiveness of Environmental Enforcement," 2010.

Johnston, R., E. Schultz, K. Segerson, E. Besedin, and M. Ramachandran, "Improving Ecological Validity of Stated Preference Valuation: The Structure and Function of Indicators," 2010.

Schultz, E., R. Johnston, K. Segerson, and E. Besedin, "Integrating Ecology and Economics: Using Bioindicators in Valuation of Ecosystem Services," 2010.

Ahmed, R. and K. Segerson, "Voluntary Agreements and the Use of Less Polluting Products," Revised, 2009.

Ahmed, R. and K. Segerson, "Emissions Control and the Regulation of Product Markets," 2009.

Ahmed, R. and K. Segerson, "Gasoline Taxes and CAFE Standards: Substitutes or Complements for Controlling Automobile Emissions," 2008.

Ahmed, R. and K. Segerson, "Eliminating Polluting Products: Voluntary vs. Regulatory Approaches," Revised 2008.

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

## **Presentations at Meetings/Conferences/Workshops:**

“Integrating Ecology and Economics in the Study of Ecosystem Services,” 5<sup>th</sup> Annual Connecticut Forest Forum, Storrs, CT, November 24, 2009.

“Economics of the Complex System: Value-Added Knowledge,” EMERGENeering 2008: Holistic Solutions for a Complex World, University of Vermont, October 16, 2008.

“The Economics of Valuation of Ecosystem Services,” Association of Environmental and Resource Economists Annual Workshop, Mystic, CT, June 8, 2007.

“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):**

Yale University, 2010  
Clark University, 2009  
University of Delaware, 2009  
University of Wyoming, 2008  
University of Minnesota, 2008  
University of New Hampshire, 2008  
Iowa State University, 2008  
University of California, Santa Barbara, 2008  
University of Maryland, 2007  
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

### **Grants/Contracts/Consultancies:**

2010-2012 “National Needs Fellowships for MS in Resource Economics with a Focus on Integrated Watershed Management and Policy,” U.S. Department of Agriculture, National Institute of Food and Agriculture (Rigoberto Lopez, P.I.).

2008-2009 “Reversing Urban Sprawl: A Reclaimability Index Approach for Reviving Downtown Brownfields,” Center for Transportation and Urban Planning (Maria Chrysochoou, P.I.)

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”, National Oceanographic and Atmospheric Administration, National Marine Fisheries Service.

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, National Marine Fisheries Service.

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.

**External Promotion/Tenure Evaluations:** Brandeis University, Claremont-McKenna College, Cornell University, Dartmouth College, George Washington University, Hartwick College, Indiana University, INSEAD, North Carolina State University, Ohio State University, Oregon State University (2), Penn State University (2), Portland State University, Queens University, Resources for the Future, San Diego State University, 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, University of Wyoming, Yale University

**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*, *Canadian Journal of Economics*, *Choices*, *Climate Change*, *Climate Research*, *Contemporary Economic Policy*, *Ecological Economics*, *Economic Inquiry*, *Environment and Development Economics*, *Environmental and Resource Economics*, *European Economic Review*, *European Review of Agricultural Economics*, *European Review of Law and Economics*, *Food Policy*, *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 Environmental 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 Economic Theory, Journal of Public Economics, Journal of Real Estate Finance and Economics, Journal of Regulatory Economics, Journal of Urban 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, Review of Environmental Economics and Policy, Review of Law and Economics, Scandinavian Journal of Economics, Southern Economic Journal, Urban Affairs Review, Water Resources Research, World Development.*

**Grant Reviews:** AKF, Institute of Local Government Studies, Australian Science Foundation, 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:**

World Congress of Environmental and Resource Economists Program Selection Committee, 2010

President (President-elect), Association of Environmental and Resource Economists, 2009-Present (2008)

Member, Agricultural and Applied Economics Association, Foundation Endowment Committee, 2008-Present

Member, Agricultural and Applied Economics Association, Selected Posters Committee, 2008

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

Member, American Agricultural Economics Association Selected Papers Committee, 2004, 2008

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):**

Invited participant, National Institute of Food and Agriculture, Workshop on Social Science Research Planning, Washington, D.C., May 11, 2010

Organizer/Moderator, Session on “Combining Environmental and Development Goals: Strategies for Moving Forward,” AEA/AERE Joint Session, ASSA Meetings, Atlanta, GA, January 2010.

Invited discussant, Selected Paper Session on “Pollution Control,” Agricultural and Applied Economics Association Meeting, Milwaukee, WI, July 2009.

Invited discussant, AERE Selected Paper Session on Firm Participation in Voluntary Environmental Programs and Compliance with Mandatory Environmental Regulations, Allied Social Science Association Meeting, January 2009.

Philip M. Raup Lecture on Land and Environmental Policy, “Ecosystem Services: A New or Old Paradigm within Environmental Economics,” University of Minnesota, May 1, 2008.

Invited discussant, Economics, Law and the Environment Program, Symposium on “Property Rights in Environmental Assets: Economic and Legal Perspectives,” University of Arizona, October 26, 2007.

Invited discussant, Yale University, School of Management, Environmental Economics Conference, November 16, 2007.

4<sup>th</sup> 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

**PhD Advisees (17):** 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, Tsvetan Tsvetanov, Lih-Chyi Wen, Junjie Wu

## **Service Contributions**

### **University Service (since 1990)**

Provost's Academic Plan Environment Committee, 2010-Present

Provost's Committee on Proposal for BA in Environmental Studies, 2010-Present

Faculty Standards Committee, University Senate, chair, 2009-Present

Faculty Standards Committee, University Senate, chair, 2009-Present

EcoHouse Faculty Advisory Board, 2009-Present

Provost's Ad Hoc Committee on Risk Management, 2009-2010

Environmental Literacy Committee, Environmental Policy Advisory Committee, co-chair, 2008-2009

Search Committee, Department Head Search, Department of Agricultural and Resource Economics, 2008

Academic Center/Institute Review Committee, 2007-present

Board of Trustees Distinguished Professor Nomination Committee, 2007-2009

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

Provost's Academic Plan Implementation Committee for the Environment, 2007-2008

Environmental Leadership Awards Selection Committee, 2007

Reappointment Review Committee for Associate Dean James Henkel, 2006

Faculty Review Board, 2005-2008 (Chair, 2007, 2008)

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

Information Technology Steering Committee, 2005-2007

Environmental Policy Advisory Committee, 2005-Present

Environmental Literacy Workgroup, 2005-Present

Teale Lectures on Nature and the Environment Organizing Committee, 1996-Present (chair, 2005-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, 2009-Present

Environmental Studies Curriculum Group, 1999-2000

Advisory Council, Center for Environmental Health, 1995-1997

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

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)**

Future of Environmental Sciences in CLAS (FENS-CLAS) Committee, 2009

Search Committee, CLAS Dean Search, 2007-2008

CLAS Dean's Academic Advisory Council, 2006-2007, 2008-2009

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 or Agricultural and Resource Economics Service (since 1990)**

Department Head Search Committee, 2010

ENRE Search Committee, DARE, chair, 2010

Graduate Affairs/Graduate Awards and Fellowships, 2009-2010

Department Head, 2001-2004

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

Departmental Newsletter, 2005-2006.

Recruiting Committee, 2001-2005, 1993-1994, 1990-1991.

Preliminary Exam Committee, 2006-2008 (chair), 1990-2004.

Director of Graduate Studies, 2002-2003

Promotion, Tenure and Review Committee, 1990-Present.

Chair, Graduate Fields Committee, 1998-1999

Undergraduate Affairs Committee, 1995-1997

Graduate Program Committee, 1990-1993.