

RESUME
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Thomas H. Stevens

Office Address:

Dept. of Resource Economics
216 Stockbridge Hall
University of Massachusetts
Amherst, Massachusetts 01003-9246
(413) 545-5714; fax (413) 545-5853
e-mail: tstevens@resecon.umass.edu

Major Areas of Concentration:

Resource and Environmental Economics, Public Policy, Natural Resources Management

Education:

B.S. Agricultural Economics, Cornell University, 1966
M.S. Agricultural Economics, University of Delaware, 1968
Ph.D. Resource Economics, Cornell University, 1972

Experience:

1972-1973 Economist, State of Washington, Department of Ecology,
Olympia, Washington
1973-1974 Senior Research Associate, Cornell University, Ithaca, New York
1974-1977 Assistant Professor, New Mexico State University, Las Cruces, New
Mexico, and (1976-1977) consultant to Los Alamos Scientific
Laboratories, Los Alamos, New Mexico
1978-1981 Assistant Professor, University of Massachusetts, Amherst, Massachusetts
1981-1988 Associate Professor, University of Massachusetts, Amherst,
Massachusetts.
1989-present Professor of Resource Economics, University of Massachusetts,
Amherst, MA

Teaching:

Recipient of 1995-1996 College Outstanding Teaching Award
Current Courses: Introduction to Resource Economics (Basic Micro Theory), Benefit/Cost
Analyses, Environmental Economics (graduate and undergraduate)

Publications

Refereed Journals:

More, T., B. Urdaneta and T. Stevens. 2008. "Shifting Park Policies and Local People: A Case Study of Acadia National Park." *Journal of Park and Recreation Administration*. 26(4):105-125.

LeVert, M., T. Stevens and D. Kittredge. "Willingness to Sell Conservation Easements." *Journal of Forest Economics*. (In Press).

Samnaliev, M., T. Stevens, and T. More. 2006. "A Comparison of Certainty Calibration Techniques in Contingent Valuation." *Ecological Economics*. 57(3):507-519.

Samnaliev, M., T. More, and T. Stevens. 2006. "Financing Public Recreation Lands." *Journal of Park and Recreation Administration*. 3

Stevens, T. 2005. "Can Stated Preference Valuations Help Improve Environmental Decision Making?" *Choices*. 20(3).

Murphy, J., P. Allen, T. Stevens, and D. Weatherhead. 2005. "A Meta-Analysis of Hypothetical Bias in Stated Preference Valuation." *Environmental and Resource Economics*. 30:313-325.

Murphy, J., T. Stevens, and D. Weatherhead. 2005. "Is Cheap Talk Effective at Eliminating Hypothetical Bias in a Provision Point Mechanism?" *Environmental and Resource Economics*. 30:327-343.

Murphy, J. and T. Stevens. 2004. "Contingent Valuation, Hypothetical Bias and Experimental Economics." *Agricultural and Resource Economics Review*. 33(2):271-281.

Cushman, C., B. Field, D. Lass, and T. Stevens. 2004. "External Costs from Island Visitation." *Tourism Economics*. 10(2):207-219.

Halstead, J. and T. Stevens. 2004. "Electricity Deregulation and Visibility in Wilderness Areas: A Case Study." *Journal of Regional Policy and Analysis*. 34(1):85-88.

Stevens, T. H., S. White, D. Kittredge, and D. Dennis. 2002. "Factors Affecting NIPF Landowner Participation in Management Programs." *Journal of Forest Economics*. 8:169-184.

Kiosowski, T., T. Stevens, D. Kittredge, and D. Dennis. 2001. "Economic Incentives For Coordinated Management Of Forest Land." *Forest Policy and Economics*. 2:29-38.

More, Thomas and T. H. Stevens. 2000. "Do User Fees Exclude Low-Income People From Resource Based Recreation?" *Journal of Leisure Research*. 32(3):341-357.

- Stevens, Thomas H., R. Belkner, D. Dennis, R. Kittredge, and C. Willis. 2000. "Comparison of Contingent Valuation and Conjoint Analysis in Ecosystem Management." *Ecological Economics*. 32(1):63-74.
- Stevens, Thomas H., D. Dennis, D. Kittredge, and M. Rickenbach. 1999. "Attitudes and Preferences Toward Co-operative Agreements for Management of Private Forestland in the Northeastern United States." *Journal of Environmental Management*. 55:81-90.
- Streever, W. J., M. Callaghan-Perry, A. Senries, T. Stevens, and P. Svoboda. 1998. "Public Attitudes and Values for Wetland Conservation in New South Wales, Australia." *Journal of Environmental Management*. 54(1):1-14.
- Rickenbach, Mark G., David B. Kittredge, Don Dennis, and Tom Stevens. 1998. "Ecosystem Management: Capturing the Concept for Woodland Owners." *Journal of Forestry*. 96(4):18-24.
- Stevens, Thomas H., C. Barrett, and C. Willis. 1997. "Conjoint Analysis of Groundwater Protection Programs." *Agricultural and Resource Economics Review*. 27(2):229-236.
- Stevens, Thomas H., Nichole E. De Coteau, and Cleve E. Willis. 1997. "Sensitivity of Contingent Valuation to Alternative Payment Schedules." *Land Economics*. 73(1):140-148.
- More, Thomas A., James R. Averill, and Thomas H. Stevens. 1996. "Values and Economics in Environmental Management: A Perspective and Critique." *Journal of Environmental Management*. 48(4):397-409.
- Stevens, Thomas H., Samuel Benin, and Joseph S. Larson. 1995. "Public Attitudes and Economic Values For Wetland Preservation in New England." *Wetlands*. 15(3):226-231.
- Stevens, T. H., T. More, and R. Glass. 1994. "Interpretation and Temporal Stability of CV Bids for Wildlife Existence: A Panel Study." *Land Economics*. 70(3):355-363.
- Stevens, Thomas H., Thomas A. More, and Ronald J. Glass. 1994. "Public Attitudes About Coyotes in New England." *Society and Natural Resources Journal*. 7:57-66.
- Stevens, T. H., T. More, and R. Glass. 1993. "Measuring the Existence Value of Wildlife: Reply." *Land Economics*. 69(3):309-312.
- Stevens, T. H., Jonathan Miller, and Cleve Willis. August 1993. "Effect of Pricing Structure on Residential Water Demand." *Water Resources Bulletin*. 28(4):681-685.
- Halstead, John, A. Luloff, and Thomas H. Stevens. 1992. "Protest Bidders in Contingent Valuation." *Northeast Journal of Agricultural and Resource Economics*. pp.160-169.
- Stevens, T. H., et al. November 1991. "Measuring the Existence Value of Wildlife: What Do CVM Estimates Really Show?" *Land Economics*. 64(4):390-400.
- Stevens, T. H., R. Glass, T. More, and J. Echeverria. 1991. "Wildlife Recovery: Is Benefit-Cost Analysis Appropriate?" *Journal of Environmental Management*. 33:327-334.

- Male, J., J. Moriarty, T. H. Stevens, and C. Willis. June 1991. "Water Supply Costs for Small Private Utilities." *Water Resources Bulletin*. 27(3):521-526.
- Stevens, T. H., T. More, and P.G. Allen. 1989. "Pricing Policies for Public Day-Use Outdoor Recreation Facilities." *Journal of Environmental Management*. 28:43-52.
- More, T., T. H. Stevens, and P. G. Allen. 1988. "Valuation of Urban Parks." *Landscape and Urban Planning*. 15:139-152.
- Stevens, T. H. and Gail Adams. October 1986. "Testing For Changes in the Price Elasticity of Residential Electricity Demand." *Northeastern Journal of Agricultural and Resource Economics*. 15:123-129.
- Stevens, T. H., G. Adams, and C. Willis. August 1985. "The Specification of Price in Studies of Consumer Demand Under Block Price Scheduling: Comment." *Land Economics*. 61:327-329.
- Allen, P. G., T. H. Stevens, and T. A. More. June 1985. "Measuring the Economic Value of Urban Parks: A Caution." *Leisure Sciences*. Vol. 7.
- Young, T., T. H. Stevens, and C. Willis. Spring 1984. "Asymmetry in the Residential Demand for Electricity." *The Energy Journal*. 4:153-162.
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- Hagerty, J. K., T. H. Stevens, et al. Spring 1982. "Benefits from Urban Open Space and Recreational Parks: A Case Study." *Journal of the Northeast Agricultural Economics Council*. Vol. XI(1).
- More, T. A., T. H. Stevens, and P. G. Allen. August 1982. "The Economics of Urban Parks: A Benefit/Cost Analysis." *Parks and Recreation Journal*.
- Allen, P. G., T. H. Stevens, and Scott Barrett. May 1981. "An Evaluation of the Effect of Variable Omission in the Travel Cost Technique." *Land Economics*.
- Stevens, T. H. and P. G. Allen. December 1980. "Estimating the Benefits of Recreation Under Conditions of Congestion: A Comment." *Journal of Environmental Economics and Management*.
- Stevens, T. H., Wawa Ngenge, and G. McDowell. Fall 1980. "Indirect Employment and Income Distribution Impacts of Investment Programs." *Journal of Northeast Agricultural Economics Council*.
- Stevens, T. H. and P. G. Allen. Spring 1980. "Outdoor Recreation, Hedonic Prices, and the Demand for Solitude." *Journal of Northeast Agricultural Economics Council*.
- Stevens, T. H. et al. Fall 1979. "The Economic Feasibility of Solar Home Heating Systems in New England." *Journal of Northeast Agricultural Economics Council*.

Landsford, Robert, T. H. Stevens, et al. December 1979. "The Economic Feasibility of Dual Purpose Nuclear Desalination of Ground Water." *Water Resources Bulletin*. 15(6).

Allen, P. G. and T. H. Stevens. April 1979. "The Economics of Outdoor Recreation Congestion: A Case Study of Camping." *Journal of Northeastern Agricultural Economics Council*. 8(1).

Stevens, T. H., Larry Williams, and M. Blake. July 1979. "The Demand for Coal: The Problem of Aggregation." *Western Journal of Agricultural Economics*. 4(1).

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Creek, J. and T. Stevens. September 1976. "Electricity Demand Projections for New Mexico." *New Mexico Business*.

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Stevens, T. April 1975. "Economic Implications of Coal Development Policy Alternatives." *New Mexico Business*. 28(4).

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Kalter, R. and T. Stevens. February 1974. "Resource Investments, Impact Distribution, and Evaluation Concepts: A Reply." *American Journal of Agricultural Economics*. 56(1).

Kalter, R. and T. Stevens. February 1972. "Changed Distribution of Income vs. Redistribution in Public Project Evaluation: A Reply." *American Journal of Agricultural Economics*. 54(1).

Kalter, R. and T. Stevens. May 1971. "Resource Investments, Impact, Distribution, and Evaluation Concepts." *American Journal of Agricultural Economics*. 53(2).

Proceedings and Abstracts:

Glass, R., T. A. More, and T. H. Stevens. March 1990. "Public Attitudes, Politics, and Extra Market Values for Reintroduced Wildlife: Examples From New England." In Proceedings, 55th North American Wildlife and Natural Resources Conference.

Dennis, D., T. H. Stevens, D. Kittredge, M. Rickenbach. 1997. "Nonindustrial Private Forests: Perspectives on Ecosystem Management." Proceedings of *Canadian and Northeast Forest Economics*.

Barrett, C., T. H. Stevens, and C. Willis. 1996. "Comparison of CV and Conjoint Analysis." *Benefits and Costs Transfer in Natural Resources Planning*. Department of Economics, Iowa State University, Ames, IA. pp. 79-104.

Stevens, T. H., Martha K. Field, Thomas A. More, and R. Glass. 1994. "Contingent Valuation of Rare and Endangered Species: An Assessment." *Benefits and Costs Transfer in Natural Resource Planning*. Lexington, KY:University of Kentucky, pp. 471-487.

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Stevens, T. H. and G. Adams. May 1987. "Asymmetries in Residential Electricity Demand." In *Proceedings of 8th Annual Conference of the International Association of Energy Economists*. Cambridge, MA. MIT.

Stevens, T. H., T. More, and P. G. Allen. June 1983. "Economic Valuation of Urban Open Space Resources." *Proceedings of Society of American Foresters Annual Meeting*. Cincinnati, Ohio.

Stevens, T. H. and Geoff Allen. 1979. "The Economics of Campground Congestion: An Overview." In *Proceedings of the National Campground Conference*. 1978. So. Illinois University.

Stevens, T. H. December 1978. "The Economics of Natural Gas Policy Alternatives: A Case Study." Abstract in *American Journal of Agricultural Economics*.

Stevens, T. H. December 1976. "The Economics of Solar Home Heating." Abstract in *American Journal of Agricultural Economics*.

Kalter, R. J. and T. H. Stevens. January 1975. "The Economics of Energy Resource Allocation Policy." In *Proceedings of 67th Annual Meeting, American Institute of Chemical Engineers*.

Stevens, T. H. and R. J. Kalter. 1975. "Economic Aspects of Oil Shale Resource Allocation Policy." In *Economics of Natural Resource Development in the West*. Report No. 5, Western Agricultural Economics Council.

Kalter, R. J., T. H. Stevens, and O. A. Bloom. December 1974. "The Economics of Accelerated Outer Continental Shelf Leasing." Abstract in *American Journal of Agricultural Economics*.

Grants:

Kittredge, Schweik, Stevens, Dennis. USDA Competitive Grant. \$421,000. (7/1/2005-8/1/2008).

Stevens. USDA Cooperative Grant. \$6,510 (9/1/2005-9/30/2007).

Kittredge, Stevens, Dennis. Acorn Forest Service Grant. \$82,900 (9/3/05).

Stevens, T. USDA Forest Service Cooperative Grant. \$3,500 (4/2002-9/2003).

“Assessment of Acceptable Tradeoffs in Attaining Ecosystem Management” by Tom Stevens and D. Kittredge. \$20,000 funded by USDA Forest Service.

“Ecosystem Management in a Landscape Dominated by Small Private Ownerships” by Tom Stevens, Dave Kittredge and Don Dennis. \$160,000 funded by USDA National Research Initiative Competitive Grants Program.

Godfrey, Paul, Thomas H. Stevens and Cleve Willis. “Comparison of Contingent Valuation and Conjoint Analysis for Measuring Total Economic Value of Water Resources.” USGS. 2 years. Award \$30,630.

Stevens, Thomas H. NSF/EPA. 2 years. Award: \$53,870 (UMass portion).

Stevens, Thomas H. and David Kittredge. USDA Forest Service. 2 years. Award: \$15,000.

Stevens, Thomas H. USDA Forest Service. 1 year. Award: \$5,000.

“Assessment of Role of Economic Analysis in Fish and Wildlife Management Decisions.” U.S. Forest Service Cooperative Agreement (Thomas H. Stevens and Barry C. Field). \$2,000.

“Use of Conjoint Analysis in Ecosystem Management”. USDA Forest Service Cooperative Agreement. (Thomas H. Stevens and D. Kittredge). \$5,000.

USDA Forest Service Cooperative Agreement, Contingent Valuation and Ethical Values: An Assessment. (Thomas H. Stevens), \$12,000.

U.S. Fish and Wildlife Service Agreement. Economic Impact Analysis of Proposed Conti Wildlife Refuge. (T. H. Stevens and D. Storey). \$90,000.

Cooperative Agreement with the U.S. Department of Agriculture, Forest Service, titled “Economic Impact Analysis of Proposed Conti National Wildlife Refuge.” The Federal share of costs on the agreement is \$90,000. The work will be a contribution to the environmental impact review being conducted by the U.S. Department of Interior Fish and Wildlife Service. (Thomas Stevens, Barry Field and Gail Adams). \$90,000.

Development of Water Supply Decision-Making Model, Water Resource Research Center, 1987-Present. \$45,000. With J. Male and C. Willis.

Development of Econometric Models of Residential Electricity Demand; New England Power Planning Pool. 1984-1985. \$20,000. With G. Adams.

Benefits, Costs and Revenues of Public Forest Recreation Areas, Northeast Forest Experiment Station, 1983-1984. \$8,000.

Benefits and Costs of Urban Forest Parks and Park Attributes, Northeast Forest Exp. Station. \$15,875. With P. G. Allen.

Regional Assessment of Wetlands Regulation Programs in New England, Office of Technology Assessment. With Water Resources Research Center.

“Factors Affecting the External Economic Impact of City Parkland.” USDA Forest Service Grant, Fall 1980. \$7,525. With P. G. Allen.

“Use of the Hedonic Price Technique to Evaluate Wetlands.” Title 1, Office of Water Resources Research. Fall 1980. \$15,200. With P. G. Allen.

“Bias in the Measurement of Recreation Benefits for Urban Oriented Camping Facilities.” Consortium for Environmental Forestry Studies. 1978-1979. \$13,560. With P. G. Allen.

University of Massachusetts Faculty Grant. 1970. \$2,500. With B. Field.

“Regional Interrelationships of Water Resources, Energy Supply and Economic Development.” Office of Water Resources Research and New England Council of Water Center Directors. 1978-1980. \$10,000.