

Roger H. von Haefen

Department of Agricultural & Resource Economics
4338 Nelson Hall
Box 8109
North Carolina State University
Raleigh, NC 27695-8981

Office: (919) 515-8946
Fax: (919) 515-1824
Home: (919) 372-7276
Email: roger_von_haefen@ncsu.edu
Web Page: <http://www4.ncsu.edu/~rhhaefen/>

Personal	<i>Born May 28, 1970 in Cincinnati, OH</i> <i>Married, three children</i>
Education	Duke University , Durham, NC <i>M.A., Economics, May 1995</i> <i>Ph.D., Economics, October 1999</i> University of Notre Dame , Notre Dame, IN <i>B.A., Economics, May 1992</i> <i>Magna Cum Laude, Phi Beta Kappa</i>
Areas of Concentration	Environmental & Resource Economics, Applied Econometrics, Economic Measurement, Transportation
Positions Held	Assistant Professor , Department of Agricultural & Resource Economics <i>North Carolina State University, Raleigh, NC, July 2005 – Present</i> Associate Director , Center for Environmental and Resource Economic Policy <i>North Carolina State University, Raleigh, NC, June 2006 – Present</i> Assistant Professor , Department of Agricultural & Resource Economics <i>University of Arizona, Tucson, AZ, October 2002 – June 2005</i> Visiting Scholar , Department of Economics & Center for Environmental Science & Policy <i>Stanford University, Stanford, CA, January 2004 – December 2004</i> Research Economist , Division of Price & Index Number Research <i>Bureau of Labor Statistics, Washington, DC, October 1999 – October 2002</i> Research Associate , Center for Environmental & Resource Economics <i>Duke University, Durham, NC, May 1995 – August 1999</i> Instructor , Benefit-Cost Analysis & Regulatory Reform (advanced undergraduate) <i>Duke University, Durham, NC, Summer 1996</i> Teaching Assistant , Law & Economics (advanced undergraduate), Introductory Microeconomics (undergraduate) & Introductory Macroeconomics (undergraduate) <i>Duke University, Durham, NC, Fall 1993 – Spring 1996</i>
Refereed Publications	Li, Shanjun, Christopher Timmins & Roger H. von Haefen. "How Do Gasoline Prices Affect Fleet Fuel Economy?" <i>American Economic Journal – Economic Policy</i> , forthcoming. Bento, Antonio M., Lawrence H. Goulder, Mark R. Jacobsen & Roger H. von Haefen. "Distributional and Efficiency Impacts of Increased U.S. Gasoline Taxes," <i>American Economic Review</i> , forthcoming. von Haefen, Roger H. "Latent Consideration Sets and Continuous Demand System Models," <i>Environmental and Resource Economics</i> , 41(3): 363-379, November 2008. von Haefen, Roger H. & Daniel J. Phaneuf. "Identifying Demand Parameters in the Presence of Unobservables: A Combined Revealed and Stated Preference Approach," <i>Journal of Environmental Economics and Management</i> , 56(1): 19-32, July 2008.

**Refereed
Publications
(cont.)**

- von Haefen, Roger H. "Empirical Strategies for Incorporating Weak Complementarity into Consumer Demand Models," *Journal of Environmental Economics and Management*, 54(1): 15-31, July 2007.
- von Haefen, Roger H., D. Matthew Massey, & Wiktor Adamowicz. "Serial Non-Participation in Repeated Discrete Choice Models," *American Journal of Agricultural Economics*, 87(4): 1061-1076, November 2005.
- von Haefen, Roger H., Daniel J. Phaneuf & George R. Parsons. "Estimation and Welfare Analysis with Large Demand Systems," *Journal of Business & Economic Statistics*, 22(2): 194-205, April 2004.
- von Haefen, Roger H. & Daniel J. Phaneuf. "Estimating Preferences for Outdoor Recreation: A Comparison of Continuous and Count Data Demand System Frameworks," *Journal of Environmental Economics & Management*, 45(3): 612-630, May 2003.
- von Haefen, Roger H. & Daniel J. Phaneuf. "A Note on Estimating Nested CES Preferences of Recreation Demand," *American Journal of Agricultural Economics*, 85(2): 406-413, May 2003.
- von Haefen, Roger H. "Incorporating Observed Choice into the Construction of Welfare Measures from Random Utility Models," *Journal of Environmental Economics & Management*, 45(2): 145-165, March 2003.
- von Haefen, Roger H. "A Complete Characterization of the Linear, Log-Linear, & Semi-Log Incomplete Demand System Models," *Journal of Agricultural & Resource Economics*, 27(2): 281-319, December 2002.
- Smith V. Kerry, Roger H. von Haefen & Wei Zhu. "Do Environmental Regulations Increase Construction Costs for Federal Aid Highways? A Statistical Experiment," *Journal of Transportation & Statistics*, 2(1): 45-59, May 1999.
- Smith, V. Kerry & Roger H. von Haefen. "Welfare Measurement and Representative Consumer Theory," *Economics Letters*, 57: 63-67, November 1997.

**Other
Publications**

- Phaneuf, Daniel J. & Roger H. von Haefen. "Estimating the Demand for Quality with Discrete Choice Models," in *Quantifying Consumer Preferences: Estimating Demand Systems, Contributions to Economic Analysis*, Daniel Slottje, editor, Emerald Press, Bingley, UK, forthcoming.
- Bento, Antonio M., Lawrence H. Goulder, Emeric Henry, Mark R. Jacobson, & Roger H. von Haefen. "Distributional and Efficiency Impacts of Gasoline Taxes: An Econometrically-Based Multi-Market Study," *American Economic Review, Papers and Proceedings*, 95(2): 282-287, May 2005.
- von Haefen, Roger H. & Daniel J. Phaneuf. "Continuous Demand System Approaches to Nonmarket Valuation," in *Applications of Simulation Methods in Environmental & Resource Economics*, Riccardo Scarpa & Anna Alberini, editors, Springer, Dordrecht, 2005.
- von Haefen, Roger H. "Book Review for Joy Hecht's *National Environmental Accounting*," *BioScience*, 56(3): 6-7, March 2006.

**Working
Papers**

- von Haefen, Roger H. "Incomplete Demand Systems, Corner Solutions, and Welfare Measurement," May 2007.
- Klaiber, H. Allen & Roger H. von Haefen. "Incorporating Random Coefficients and Alternative Specific Constants into Discrete Choice Models: Implications for In-Sample Fit and Welfare Estimates," November 2007.

**Unpublished
Manuscripts**

- von Haefen, Roger H. "Reconsidering the Role of the Willig Condition in Non-Market Valuation," July 2006.
- von Haefen, Roger H. & Daniel J. Phaneuf. "Some Alternative Count Data Demand System Models of Recreation Demand," June 2001.

Unpublished Manuscripts (cont.)

von Haefen, Roger H. "'Bottom-Up' Discrete-Continuous Demand Models with Binding Non-Negativity Constraints," September 2000.

von Haefen, Roger H. "Estimating Sample Welfare Statistics from Discrete Choice Random Utility Models of Recreation Demand," February 1999.

von Haefen, Roger H. "The Welfare Implications of Environmental Integrity for Recreation Site Definition," November 1998.

Smith V. Kerry, Roger H. von Haefen & Wei Zhu. "Environmental Compliance Costs: Where the Rubber Meets the Road," November 1998.

Smith V. Kerry & Roger H. von Haefen. "Legislative Sources of Environmental Regulations and Past Efforts to Measure Their Costs," September 1996.

Research in Progress

Estimating the Demand for Automobiles: Accounting for Unobserved Attributes, Preference Heterogeneity and Large Choice Sets (with Mark Jacobsen)

The Effects of Water Pricing in an Urban Setting (with Jeff Hughes & Laura Taylor)

The Policy Implications of Alternative Discrete Choice Modeling Innovations: A Meta Analysis

Count Data Recreation Demand Models with Alternative Specific Constants (with Daniel J. Phaneuf & Christopher Timmins)

Stated Consideration Set Models (with D. Matthew Massey & Wiktor Adamowicz)

Discrete Choice Sample Selection Models

Non-Additively Separable Continuous Demand System Models

Measuring College Tuition Prices

Presentations

2008

WRRRI Annual Conference, Raleigh, NC; *Georgia State University*, Atlanta, GA; *European AERE Annual Meetings*, Gothenburg, Sweden; *W2133 Annual Meetings (Presenter and Discussant)*, Waikoloa, Hawaii; *University of Wyoming*, Laramie, WY; *Colorado State University*, Fort Collins, CO; *University of Colorado*, Boulder, CO; *North Carolina State University*, Raleigh, NC

2007

AERE Sessions at the ASSA Annual Meetings (Presenter and Discussant), Chicago, IL; *W1133 Annual Meetings*, Richmond, VA; *Virginia Polytechnical Institute and State University*, Blacksburg, VA

2006

W1133 Annual Meetings, San Antonio, TX; *University of Alberta*, Edmonton, Alberta; *Revealed Preference Beyond Markets: Micro-econometrics in Environmental Economics Workshop (Lecturer)*, Raleigh, NC

2005

AERE Sessions at the ASSA Annual Meetings (Discussant), Philadelphia, PA; *University of California*, Davis, CA; *North Carolina State University*, Raleigh, NC; *AAEA Annual Meetings*, Providence, RI; *Conference on Linking Economic and Ecological Models for Environmental Policy Analysis (Discussant)*, Santa Fe, NM; *NBER Summer Institute on Public Policy and the Environment (Discussant)*, Cambridge, MA; *University of Maryland*, College Park, MD; *Triangle Econometric Conference*, Durham, NC

2004

University of California, Berkeley, CA; *Stanford University*, Palo Alto, CA; *W-1133 Annual Meetings*, Maui, HI; *University of Nevada*, Reno, NV; *University of New Hampshire*, Durham, NH; *Western Economic Association Annual Meetings*, Vancouver, BC

**Presentations
(cont.)**

2003

AERE Sessions at the ASSA Annual Meetings, Washington, DC; Stanford University Workshop on Equilibrium Modeling Approaches at the Boundaries of Industrial Organization, Public Economics, & Environmental Economics, Stanford, CA; W-1133 Annual Meetings, Las Vegas, NV; AAEA Annual Meetings, Montreal, Canada; Heartland Environmental Workshop, Ames, IA; University of California, Berkeley, CA; University of Arizona, Tucson, AZ

2002

AERE Sessions at the ASSA Annual Meetings, Atlanta, GA; Econometric Society European Meetings, Venice, Italy; World Congress of Environmental & Resource Economists, Monterey, CA; Camp Resources, Wilmington, NC; Ohio State University, Columbus, OH; University of California, Santa Barbara, CA; University of Arizona, Tucson, AZ

2001

AERE Sessions at the ASSA Annual Meetings, New Orleans, LA; University of Colorado Summer Environmental Workshop, Boulder, CO; Western Economic Association Annual Meetings, San Francisco, CA; Camp Resources, Wilmington, NC; Heartland Environmental Workshop, Ames, IA; University of Maryland, College Park, MD; North Carolina State University, Raleigh, NC

2000

University of Colorado Summer Environmental Workshop, Boulder, CO; AAEA Annual Meetings, Tampa, FL; Camp Resources, Wilmington, NC; Heartland Environmental Workshop, Ames, IA; Southern Economic Association Annual Meetings, Washington, DC

1999

AERE Sessions at the ASSA Annual Meetings, New York, NY; NOAA Damage Assessment Center, Silver Spring, MD; Bureau of Labor Statistics, Washington, DC; Charles River Associates, Washington, DC; Camp Resources, Wilmington, NC

1995-1998

Camp Resources, Wilmington, NC (1995-1998); NBER Environmental Economics Summer Institute, Cambridge, MA (1997); North Carolina Center for Transportation and the Environment's Conference on Economics, Transportation & the Environment, Raleigh, NC (1997)

Grants

Principal Investigator, "Camp Resources: A Workshop for Professional Development of Young Researchers in Environmental Economics," United States Environmental Protection Agency, \$175,989, 2009-2013.

Co-Principal Investigator, "A Proposal for a Microeconometrics Training Workshop," United States Environmental Protection Agency, \$78,489, 2008-2009.

Principal Investigator, "Measuring the Benefits of Nutrient Management Strategies at North Carolina Reservoirs Using Linked Non-Market Valuation and Environmental Assessment Models," North Carolina Water Resources Research Institute, \$42,566, 2008-2009.

Co-Investigator, "Measuring Nutrient Reduction Benefits for Policy Analysis Using Linked Non-Market Valuation and Environmental Assessment Models," United States Environmental Protection Agency, \$423,841: 2008-2009.

Investigator, "The Environmental Costs of Automobile Demand," Stanford University Environmental Initiative, \$250,000, 2007-2008.

Investigator, "Gasoline Taxes and Automobile Demand," William and Flora Hewlett Foundation, \$370,000, 2005-2006.

Co-Investigator, "Research Initiative on the Environment, the Economy, and Sustainable Welfare," William and Flora Hewlett Foundation, \$1,500,000, 2001-2005.

- Outreach** von Haefen, Roger H. "Biofuels and the North Carolina Economy," NCSU Turkey Day presentation, Wilmington, NC, September 2008.
- von Haefen, Roger H. "Can Ethanol End Our Oil Addiction?" *NC State Economist*, March/April 2007.
- von Haefen, Roger H. "Let Price Signals Flow to Water Bills," Op-Ed Piece, *Raleigh News & Observer*, September 31, 2007.
- Quoted in the *Rocky Mount Telegram* (June 24, 2007), *Raleigh News & Observer* (August 21, 2007), *Fayetteville Observer* (December 5, 2007), *WRAL-TV 6pm Newscast* (December 18, 2007), *Durham Herald-Sun* (March 20, 2008).
- Referee Work** *Journal of Environmental Economics & Management (Editorial Council, 2006-Present)*, *Journal of Business & Economic Statistics*, *European Economic Review*, *B.E. Journal of Economic Analysis and Policy*, *Southern Economic Journal*, *Forest Science*, *Water Resources Research*, *Resource & Energy Economics*, *Environmental and Resource Economics*, *Ecological Economics*, *American Journal of Agricultural Economics*, *Journal of Agricultural & Resource Economics*, *Agricultural and Resource Economics Review*, *Review of Agricultural Economics*, *Marine Resource Economics*, *Environmental Economics and Policy Studies*, *Monthly Labor Review*, *Tourism Management*, *Scottish Journal of Political Economy*, *BioScience*, *Transportation Research Part B*, *Transportation Research Part A*, *Bulletin of Economic Research*, *Quarterly Review of Economics & Finance*, Addison Wesley, McGraw-Hill, Wiley, Worth, Columbia University Press
- Professional Memberships** Association of Environmental & Resource Economists, European Association of Environmental & Resource Economists, American Economic Association, Econometric Society, American Applied Economics Association
- Teaching Experience** Benefit-Cost Analysis (advanced undergraduate); Environmental & Resource Economics (Ph.D. & undergraduate); Consumer Economics (master's); Applied Econometrics (master's)
- References** Dr. V. Kerry Smith
Department of Economics
W.P. Carey School of Business
Arizona State University
P.O. Box 873806
Tempe, AZ 85287
Office: (480) 727-9812
kerry.smith@asu.edu
- Dr. W. Michael Hanemann
Department of Agricultural & Resource Economics
University of California
207 Giannini Hall
Berkeley, CA 94720-3310
Office: (510) 642-2670
hanemann@are.berkeley.edu
- Dr. Joseph A. Herriges
Department of Economics
Iowa State University
280D Heady Hall
Ames, IA 50011
Office: (515) 294-4964
jaherrig@iastate.edu