



AlaFile E-Notice

21-CV-2011-900039.00

Judge: HON. BURT SMITHART

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NOTICE OF ELECTRONIC FILING

IN THE CIRCUIT COURT OF CONECUH COUNTY, ALABAMA

CITIZENS FOR A CLEAN SOUTHWEST ALABAMA ET AL V. CONECUH COUNTY COMMISS
21-CV-2011-900039.00

The following matter was FILED on 4/4/2013 10:29:22 PM

C002 BATTLE PAUL

C001 CITIZENS FOR A CLEAN SOUTHWEST ALABAMA

C003 HOWINGTON JAMES A. "BUDDY"

C006 JERVEY GEORGE M.

C007 SMITH WILLIAM DONALD

SUPPLEMENT

[Filer: LUDDER DAVID ALAN]

Notice Date: 4/4/2013 10:29:22 PM

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IN THE CIRCUIT COURT OF CONECUH COUNTY, ALABAMA

**CITIZENS FOR A CLEAN SOUTHWEST
ALABAMA, et al.,**

Plaintiffs,

vs.

**CIVIL ACTION NO.
CV-2011-900039**

CONECUH COUNTY COMMISSION; et al.

Defendants.

_____ /

AFFIDAVIT OF DIANE HITE

Diane Hite, being first duly sworn, deposes and says:

1. My name is Diane Hite. I am over the age of 19 and have personal knowledge of the facts contained herein.
2. I am a qualified expert on environmental valuation of disamenities, with a specific focus on house price impacts of nearby landfills. I received a Masters degree in economics from the Ohio State University in 1985, and received my PhD in Agricultural Economics in 1995 after spending nine years as a statistical analyst and actuary in private enterprise. As part of my education, I had concentrations in environmental economics and econometrics (econometrics is a specialized area of statistics in which nonexperimental data can be used experimentally). Since that time, I have pursued a successful academic career, having over 30 published papers, including those on landfill impacts, in highly ranked, scholarly, peer-reviewed journals. My work on landfill

valuation has been cited in scholarly journal articles at least 198 times by other practitioners of environmental economics, and my work in all areas of environmental economics has been cited over 725 times. See Curriculum Vitae attached.

3. While a PhD student, I was involved in a large research grant, which became the focus of my dissertation. The objective of my dissertation research was to econometrically estimate the impact, if any, of landfills on property prices. I collected data on about 3,500 transactions taking place within 5 miles of four landfills, both open and closed, in Franklin County, OH. The locations of the landfills were in urban, suburban, and urban fringe areas of the county. The study was conducted using state of the art econometric methods, and the data were collected accordingly.

4. The information contained in this affidavit should assist the trier of fact by providing evidence from a number of scientific studies regarding landfill impacts on house prices. The studies include my own contributions to the environmental valuation literature. Using the estimates provided, the trier of fact can estimate impacts of the proposed Conecuh Woods Landfill on property values.

5. The methodology used is the so-called Hedonic Price Model (HPM), which is based on the key theory of microeconomics that individuals maximize their utility subject to budget constraints. The theory and empirical model of Hedonic Prices was formalized in a paper by Sherwin Rosen (1974), which is one of the most highly cited economic journal articles in the past 50 years. As a result, the HPM is a very widely used method in empirical economics today, with applications ranging from cars to wine. In

the case of properties, the HPM controls for the factors that constitute the price of a property, including structural characteristics of houses, neighborhood characteristics and environmental quality. In the case of a landfill, environmental quality is expected to increase with distance away from a landfill; landfills are considered an environmental disamenity because of traffic, noise, odors, and unsightliness. In addition, there are possible human health impacts from run off and/or leaching of liquids into groundwater. Since environmental quality is positively correlated with individual utility, property buyers would be willing to pay less for a property near a landfill, and more for a property located further from a landfill.

6. The opinion testimony is based not only on my own data, but also on data from similar studies of landfill impacts on prices that were found in scholarly, peer reviewed journal articles. See Sections 9-10.

7. The HPM is viewed as a reliable scientific method for empirical valuation studies; a search of the keyword 'hedonic model' on EconLit (the most complete database of scholarly economics literature) resulted in 1,847 articles using the method in scholarly, peer reviewed articles, 64 books, 397 working papers, 83 collected volumes, and 80 dissertations. In addition, hedonic models have been used by appraisers and in lawsuits for environmental damages. For example, my hedonic analysis of impacts of gravel/limestone mines has been used successfully in a lawsuit in Billings, Montana.

8. The publication of my papers on landfill impacts by prominent academic journals, and subsequent large number of citations attest to the fact that I have reliably applied principles and methods to the facts of the case.

9. This affidavit attests to the general finding in statistical models of property prices that landfills significantly reduce the value of nearby properties (see Table 1 below). Some of the key findings are:

(a) Property prices near landfills are depressed; similar properties not near a landfill are sold at higher prices (Jauregui and Hite 2010, Ready 2010; Kinnaman 2009; Lim and Missios 2007; Hite et al. 2001, Hite 2000, Hite 1998; Nelson et al. 1998). A range of values have been estimated throughout the hedonic literature, which finds that property values increase an average of 12.3% per mile away from a landfill. In addition, tax revenues are depressed with respect to landfills (Hite 1998). The effect of landfills on property prices is non-linear, with higher impacts found closer to a landfill. Most authors have assumed a cutoff for data collection at 2-3 miles. In my own work (Hite et al 2000.) I found that prices continue to increase at a decreased rate at 3.25miles from a landfill; however, at such a distance there may be other factors involved in property prices.

(b) Higher landfill volume results in larger negative property price effects (Lim and Missios 2007; Ready 2010). The Conecuh Woods landfill, because of its multi-state nature, will dispose of significantly higher levels (at least 10 times) of solid waste per day than any of the local landfills in the literature; thus, the price impacts will be much larger,

though the impact is difficult to predict. A conservative estimate of the impact is 34% per mile, which is the highest impact listed in Table 1.

(c) Even when property prices near a landfill increase over time, the rate of increase is found to be significantly lower than for other properties not near a landfill (Kinnaman 2009). This finding is a result of the fact that once a landfill is sited, it will not attract residential or commercial development nearby. Instead, development tends to be limited to industrial development with low value outputs (e.g., in Columbus, OH, there are trucking firms and a rendering plant near the open landfill). Residential and commercial areas experience larger price increases because they are based partly on population growth and also on inflation, whereas the industrial sites are based more on inflation alone. The area surrounding the proposed Conecuh Woods landfill will be depressed further as properties cannot be developed for high-value uses.

(d) Property prices tend not to recover from the price effect of landfills even after they have been reclaimed (Kinnaman 2009; Hite 2001). Given the 63 year life expectancy, the proposed Conecuh Woods landfill will keep property prices within at least a 3 mile radius of the landfill permanently depressed. This estimate is based on cut-off distances used in previous studies, as well as the fact that the landfill will be a prominent, unsightly, feature of the landscape (*Cf* section e following).

(e) Individuals who are aware of a landfill's location will bid down property prices more than people who are unaware (Hite 1998). Referring to Figure 1, the area near the proposed Conecuh Woods landfill is fairly flat, thus the estimated 250-300 foot

estimated height of the landfill will feature prominently on the landscape and those in the area will be aware of its existence for fairly long distances, which also will act to depress property values, suggesting that the highest estimate in Table 1 is still lower than what would be expected for the proposed Conecuh Woods landfill.

(f) Landfills tend to be sited in areas with low income and a high percentage of minorities, as these groups have less ability to organize opposition (Smith 2010; Hite 2001). The average non-white population in Alabama is 29.9%, and income per capita is \$23,483. In Conecuh County, the nonwhite population is 48.4%, and income per capita is \$16,673.

(g) The effects of environmental disamenities discussed in scholarly research are always expressed as property value increase per unit distance away from a landfill. To understand the effects in terms of property value decrease per unit distance toward the landfill, see columns (4) and (5) in Table 1. These columns report the estimated property damages at 0.4 and 3 miles from landfill centroids. The losses near a landfill are much larger than those at 3 miles. Lost value adjacent to landfills ranges from 3.3% for very small landfills in rural towns in Pennsylvania (Ready 2010) to 85% for a medium sized landfill in Lewiston, Maine (Kinnaman 2009). Because of the large size and prominence of the proposed Conecuh Woods landfill in Conecuh County, I believe that adjacent property values will be depressed by at least 85% and will have very little future use value.

Table 1
Summary of Findings from Scholarly Journals

(1)	(2)	(3)	(4)	(5)
Author	Landfill Type	% Increase/ Mile	Lost Value for Adjacent Properties ^c	Lost Value for Properties at 3 Miles ^d
Kim & Missios	Closed, small	2.2	6.5%	0.73%
	Closed, large	6.6	16.5%	2.2%
Nelson et al.	Closed	6.6	16.5%	2.2%
Ready ^a	Meta Analysis, small	1.3	3.3%	0.43%
	Meta Analysis, large	5.9	14.8%	1.96%
Kinnaman	Closed	34.0	85%	11.3%
Hite et al. ^b	Closed 6-11 yrs	15.8	39.5%	5.3%
	Open life expectancy 2-10 years	26.2	65.5%	8.7%

^aBased on limited data

^bIncludes effect on all houses within 3.25 miles of landfills

^cEstimated at 0.4 miles from landfill centroids, based on linear distances

^dEstimated at 3.0 miles from landfill centroids, based on linear distances




Figure 1

Area around Range, AL, Source Google Maps Terrain View

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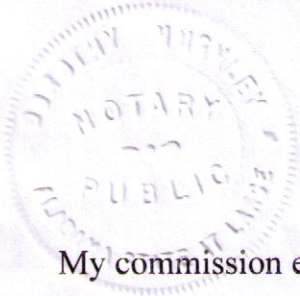
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Diane Hite

State of Alabama)
County of Lee) ss.

Sworn to and subscribed to before me this 2nd day of April, 2013.





Notary Public

My commission expires:

June 12, 2013

Curriculum Vitae
Diane Hite

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FIELDS OF INTEREST

Environmental Economics and Nonmarket Valuation; Urban and Regional Economics; Public Economics; Applied Econometrics; Applied Policy and Welfare Analysis; Applied Demand Analysis

EDUCATION

Ohio State University: Ph.D. Agricultural Economics, June, 1995
Fields: Environmental Economics, Econometrics
Dissertation Title: *Welfare Measurements for an Environmental Disamenity in the Residential Real Estate Market*
Committee: Wen S. Chern, Fredrick J. Hitzhusen and Alan Randall
Ohio State University: M.A. Economics, June, 1985
Rhode Island School of Design: B.F.A. Photography, June, 1972

PROFESSIONAL EXPERIENCE

- Huppert, Swindlehurst & Woodruff, P.C, Billings, MT. *Expert Witness, November 2011-May 2012*
- Sylvan Acres LLC, Columbus, OH. *Consultant, January 2011-March 2012.*
- Ohio State University, Department of Economics. *Visiting Scholar, June-December 2009.*
- Auburn University, Department of Agricultural Economics and Rural Sociology. *Professor, March 2008-present.*
- Auburn University, Department of Agricultural Economics and Rural Sociology. *Associate Professor, March 2003-March 2008.*
- Auburn University, Department of Agricultural Economics and Rural Sociology. *Assistant Professor, August 2002-March 2003.*
- Mississippi State University, Department of Agricultural Economics. *Assistant Professor, August 1998-2002.*
- Ohio State University, Department of Economics and Center for Human Resource Research, Columbus, OH. *Visiting Assistant Professor, October 1, 1997 – July 1998*
- Environmental Economics Research Group, Lansing, MI. *Associate, 1996 – 1997*
- University of Maryland Biotechnology Institute, College Park, MD. *Consulting Economist, 1997*
- Ohio State University, Department of Agricultural Economics and Center for Human Resource Research, Columbus, OH. *Research Associate and Lecturer, June 1995 – September 30, 1997*
- Ohio State University, Department of Agricultural Economics, Columbus, OH. *Graduate Research Associate, 1992-1996*
- Ohio State University, Center for Human Resource Research, Columbus, OH *Research Associate, 1991 – 1992*

- Ross Laboratories, Columbus, OH. *Market Research Analyst, 1989 – 1991*
- Nationwide Insurance Company, Columbus, OH. *Actuarial Technician, 1987 – 1989*
- American Electric Power Service Corporation, Columbus, OH. *Rate Analyst, 1985 – 1987*
- Ohio State University, Department of Economics, Columbus, OH. *Research and Teaching Assistant, 1983 – 1985*
- Auburn University, Department of Agricultural Economics and Rural Sociology. *Professor, March 2008-present.*

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*Denotes graduate or post-doctoral student

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Lindsey, Jeanne K. and Diane Hite. 2006. "Regional and Seasonal Effects on Contributions by US Households: An Analysis of the 2004 Consumer Expenditure Survey." Available at SSRN: <http://ssrn.com/abstract=916100>.

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Hite, Diane. 2006. "A Hedonic Model of Environmental Justice." Available at SSRN: <http://ssrn.com/abstract=884233>.

Hite, Diane. 2006. "Welfare Impacts of an Environmental Disamenity: A Survival Model Approach." Available at SSRN: <http://ssrn.com/abstract=883343>.

Bhattarai, Gandhi R.*, Diane Hite and David M. Brasington. 2005. "Demand for School Quality, Neighborhood Safety and Environmental Quality: Reflections from Real Estate Market." Available at SSRN: <http://ssrn.com/abstract=800887>.

Hite, Diane, Brent Sohngen, and Josh Templeton* 2005. "Property Tax Impacts on the Timing of Land Use Conversion." Department of Agricultural Economics and Rural Sociology, Auburn University, and AED Economics, Ohio State University.

"A Translog Demand Analysis of Environmental Quality." 2005. Department of Agricultural Economics and Rural Sociology, Auburn University and Department of Economics, Louisiana State University.

"Endogenous Growth Models and the Environmental Kuznets Curve: An Analysis of Global Environmental Sustainability." With Gandhi Bhattarai*, Upton Hatch and Henry Thompson. Agricultural Economics and Rural Sociology, Auburn University.

Hite, Diane. 2005. "The Potential Economic Impact of the Proposed Black Belt Prairie National Grassland in Alabama." White paper prepared for Wildlaw Environmental Law Firm, Montgomery, AL, www.wildlaw.org/WhitePaperonNationalGrassland.pdf

Hite, Diane, Walaiporn Intarapapong* and Murat Isik*. 2003. "A Watershed-Based Bioeconomic Model of Best Management Practices (BMPs)." MSU Research Report 7, Mississippi State University.

Blair, Benjamin F., and Diane Hite. 2002. "The Impact of Environmental Regulations on the Industry Structure of Landfills." Department of Agricultural Economics Professional Presentation Paper 2002-001, April 2002.

Intarapapong, Walaiporn*, Diane Hite, and Darren Hudson. 2002. "The Economic and Environmental Impacts of Variable Rate Fertilizer Application: The Case of Mississippi." Department of Agricultural Economics, Mississippi State University.

Hite, Diane, Walaiporn Intarapapong*, Fatimah Kari*, and Tasha Maupin*. 2001. "The Economic and Environmental Benefits of Rice Production in the Mississippi Delta: Interim Report 2000-2001." Mississippi State University Department of Agricultural Economics Research Report 2001-10, December 2001.

Hite, Diane, Ashley Renck*, Walaiporn Intarapapong*, and Tasha Maupin*. 2001. "Environmental Economic Analysis of Alternative Uses of Poultry Litter." RC&D Grant Report, Mississippi State University, December 2001.

Hite, Diane, Darren Hudson and Domenico Parisi. 2001. "Public Perception about Agricultural Pollution in Mississippi." Mississippi State University Extension Service Bulletin 1100, February 2001.

Hudson, Darren, and Diane Hite. 2001. "Adoption of Precision Agriculture Technology in Mississippi: Preliminary Results from a Producer Survey." Mississippi State University Research Report 2001-01, January 2001.

Deng, Yuming*, Najat Ennich* and Diane Hite. 2000. "Cost Benefit Analysis of FGD By Product: A Case Study of Muskingum Watershed Conservancy District," ESO #2000, Department of Agricultural Economics, Ohio State University.

Hite, Diane, Darren Hudson and Domenico Parisi. 1999. "Public Concern for Agricultural Pollution: Opportunities and Challenges." *Farm Policy Notes*, Mississippi State University Extension Service Publication, August 1999.

Hite, Diane, Walaiporn Intarapong* and Lynn Reinschmidt. 1999. "The Economic and Environmental Benefits of Soybean Production." Mississippi Agricultural and Forestry Experiment Station Bulletin.

Hitzhusen, Fredrick J., Lauren Friedman*, Kythrie Silva*, and Diane Hite. 1998. "Hedonic Price and Travel Cost Estimation of Stripmine Impacts on Lake-Based Property and Recreation Values." ESO #2376, Department of Agricultural Economics, Ohio State University.

Forster, D. Lynn, Diane Hite and Fredrick Hitzhusen. 1997. "Economic Analysis of Alternative Uses of FGD By-Product," in "Land Application Uses for Dry FGD By-Product, Phase 2 Report," Warren K. Dick, PI. Electric Power Research Institute, Stanford, CA.

Hite, Diane, and George Wood*. 1996. "The Average Cost of Public and Private Landfills." Department of Agricultural Economics, Ohio State University, and Ohio Department of Natural Resources.

Hite, Diane. 1995. "Transferring the Social Costs of Landfilling FGD By Product in Ohio," Department of Agricultural Economics, Ohio State University.

Hite, Diane. 1993. "Benefit Measures of Strip Mine Reclamation," Department of Agricultural Economics, Ohio State University.

Hite, Diane, and Wen S. Chern. 1993. "The U.S. Health Care Crisis and the Economic Impacts of Proposed Sin Taxes," ESO #2216, Department of Agricultural Economics, Ohio State University.

Hite, Diane. 1992. "Estimation of Welfare Impacts of Landfill Reclamation," ESO #1999, Department of Agricultural Economics, Ohio State University

TEACHING EXPERIENCE

Agricultural Economics 7690 (Microeconometrics I): Spring 2010, Spring 2011, Spring 2012. Auburn University. PhD core course.

Agricultural Economics 8690 (Microeconometrics II): Fall 2010, Fall 2011. Auburn University, PhD core course.

Agricultural Economics 7970 (Papers Class): Fall 2010, Fall 2011. Team taught. Auburn University, PhD core course.

Agricultural Economics 8890 (Topics in Econometrics): Spring 2011, Auburn University, PhD Elective.

Economics 5200/6200 (Regional and Urban Economic Development: Fall 2006, Fall 2007, Spring 2012. Upper level undergraduate elective.

Economics 6200 (Regional and Urban Economic Development: Spring 2012. MA/MS elective.

Economics 8310 (Microeconometrics): team taught, Fall 2006. Auburn University. PhD required course; full responsibility Fall 2008.

Agricultural Economics 8090 (Resource Economics III): Spring 2003, Spring 2004, Spring 2006; Spring 2008. Auburn University. PhD field course.

Agricultural Economics 7090 (Resource Economics II): Fall 2003, Fall 2004, Fall 2007. Auburn University. Masters field course.

Agricultural Economics 6090 (Resource Economics I): Fall 2002, Fall 2003, Fall 2004, Fall 2005 Auburn University. Upper level undergraduates, required course.

Agricultural Economics 8733 (Topics in Applied Economics: Welfare and Policy Analysis). Spring 2002, Mississippi State University. Ph.D. core course.

Agricultural Economics 8990 (Environmental Economics). Spring 2002, Mississippi State University. Ph.D. field course.

Agricultural Economics 8621 (Research Seminar II). Spring 2002, Mississippi State University. Ph.D. core course.

Agricultural Economics 8453 (Advanced Demand Theory for Agricultural Production). Fall 2000, Mississippi State University. Ph.D. core course.

Agricultural Economics 3233 (Introduction to Environmental Economics). Fall 1999, Fall 2000, Mississippi State University. Upper level undergraduate required course

Agricultural Economics 8133 (Resource Economics). Fall 1999, Mississippi State University. Ph.D. field course.

Economics 570 (Government and Business—Introductory Industrial Organization). Two sections, Fall 1997 and Winter 1998, Ohio State University. Upper level undergraduate.

Economics 501 (Intermediate Micro Theory). Winter 1998, Ohio State University. Upper level undergraduate, required course for economics majors.

Economics 591 (Environmental Economics). Spring 1998, Ohio State University. Upper level undergraduate

Economics 532 (Cost Benefit Analysis). Spring 1998, Ohio State University. Upper level undergraduate.

Agricultural Economics/Natural Resources 531 (Natural Resource Economics). Spring 1996 and Fall 1996, Ohio State University. Upper level undergraduate.

Agricultural Economics 702 (Mathematical Programming Models in Agricultural Economics). Fall 1995, Ohio State University. Classroom lecture and computer lab. Core course in the Agricultural Economics MS program.

GRANTS AWARDED (\$1,853,737 Total)

Hite, Diane, Michelle Worosz, Terrill Hanson, and Luke Marzen. 2012-2014. "A Unified Approach for Analyzing Socioeconomic Impacts from Meteorological, Technological, and Economic Shocks." Mississippi and Alabama Sea Grant, \$250,000 for 2 years.

Hagan, Austin K., Kira Bowen, and Diane Hite. "Refining Sweet Sorghum Cultural Practices toward Ethanol production in Alabama." AAES, \$50,000 for 2 years.

Hite, Diane, Norbert Wilson, and Marshall Lamb. 2010-2011. "The Environmental and Economic Benefits of Peanut Production." Southern Peanut Farmers Federation, \$22,500 for 12 months.

Wilson, Norbert, Diane Hite and Marshall Lamb. 2010. "Setting Research Priorities of the US Peanut Industry: Estimation of Economic and Environmental Baselines for Pest Management, Irrigation and Tillage Methods." USDA-ERS, \$10,000 for 12 months.

Hite, Diane, Luke Marzen and Janice Dyer. 2008. "Inventory of Natural and Human Resources in the Black Belt of Alabama as a Baseline for Sustainable Rural Development." AAES Auburn University, \$50,000 for 18 months.

Marzen, Luke, Diane Hite and Wubishet Tadesse. 2008. "Estimating Regional And Local Scale Surface Moisture As An Indicator Of Drought And Crop Yield Using Thermal IR Remote Sensing." AWRRI/USGS, \$45,894 for 12 months.

Hite, Diane, Luke Marzen and Conner Baily. 2007. "Working Waterfront Inventory: An Interdisciplinary Approach." MS and AL Sea Grant, \$90,000 for 9 months.

Novak, Jim, Diane Hite, and Puneet Srivastava. 2006. "Southeast Climate Consortium." \$16,133 for one year (Hite portion).

Hite, Diane and Deacue Fields 2006. "The Potential Contribution of Aquaculture to Enhance the Economic Value of Recreational Fisheries in Alabama." Continuation of State of Alabama, Black Belt Initiative, \$24,800 for one year.

Hite, Diane and Deacue Fields 2005. "The Potential Contribution of Aquaculture to Enhance the Economic Value of Recreational Fisheries in Alabama." State of Alabama, Black Belt Initiative, \$55,494 for one year.

Yaoqi Zhang, Diane Hite and Puneet Srivastava. 2005-2008. "Economic Analysis of Riparian Watershed Conservation: Upper Cahaba Basin Case Study." Alabama Agricultural Extension Service, \$107,952.

Hite, Diane. 2005. International Travel Grant, Auburn University, \$500; International Travel Grant University of Connecticut \$1,500.

Irwin, Elise, and Diane Hite PIs. 2004-2006. ACT Aquatic GAP and Water Quality Modeling. State of Alabama Wildlife Grant. \$217,796 over two years.

Hite, Diane, and Walaiporn Intarapapong PIs. 2002. "Optimal Implementation of Agricultural Spatial Technology and Water Quality Standards in Mississippi," Advanced Sensing Technologies in Agriculture, USDA/CSREES. Funded at \$80,000 for two years.

Hite, Diane, and Walaiporn Intarapapong PIs. 2001. "Watershed-Level Policies in Implementing Best Management Practices," Special Research Initiative, State of Mississippi. Funded at \$72,788 for 1.5 years.

Withers, Frank, Billy Kingery, Joel Murphy, Bisoonat Macoon, and Diane Hite PIs. 2001. "Broiler Litter Management for Land Productivity and Water Quality in Mississippi." Special Research Initiative, State of Mississippi. Funded at \$241,379 for 1.5 years.

Hudson, Darren, Christine Lusk and Diane Hite, PIs. 2001. "The Economics of Biomass Conversion," USDA special grant, through Oklahoma State University. Funding at \$58,769 over two years.

Hite, Diane and Walaiporn Intarapapong, PIs. 2001. "The Economic and Environmental Benefits of Rice Production: Continuation." Rice Promotion Board (State of Mississippi). Funded at \$18,450 for one year.

Hite, Diane. 2000. "Economic Analysis of Alternative Uses of Poultry Litter," US Environmental Protection Agency. Funded at \$36,000 for one year.

Hite, Diane and Darren Hudson, PIs. 2000. "Willingness to Pay for Advanced Spatial Technology to Reduce Agricultural Non-Point Source Pollution: Continuation," Advanced Sensing Technologies in Agriculture, USDA/CSREES. Funded at \$52,282 for one year.

Hite, Diane and Walaiporn Intarapapong, PIs. 2000. "The Economic and Environmental Benefits of Rice Production." Mississippi Rice Promotion Board. Funded at \$20,000 for one year.

Intarapapong, Walaiporn and Diane Hite, PIs. 2000. "The Economic and Environmental Benefits of Soybean Production: Continuation." Mississippi Soybean Promotion Board. Funded at \$2,500 for one year.

Hite, Diane, Darren Hudson and Domenico Parisi, PIs. 1999. "Willingness to Pay for Advanced Spatial Technology to Reduce Agricultural Non-Point Source Pollution," Advanced Sensing Technologies in Agriculture, US Department of Agriculture. Funded at \$48,000 for one year.

Hudson, Darren, and Diane Hite, PIs. 1999. "Consumer Acceptance of Kenaf Products." Kenaf Promotion Board (State of Mississippi). Funded at \$40,000 for one year.

Hite, Diane, Walaiporn Intarapapong and Lynn Reinshchmiedt, PIs. 1999. "The Economic and Environmental Benefits of Soybean Production." Soybean Promotion Board (State of Mississippi). Funded at \$28,000 for one year.

Hite, Diane and Walaiporn Intarapapong. 1999. "Bioeconomic Models of Small Watersheds in the Mississippi Delta Region." Mississippi Delta Management Systems Evaluation Area. Funded at \$130,000 over 3 years.

Oldham, Larry, Diane Hite, William Kingery, Joey Murphy, and Billy Johnson, PIs. 1999. "Poultry Litter Management in South Central Mississippi." Funded at \$75,000 for 9 months by US Department of Agriculture, National Research Initiative (Ag Econ portion \$20,000).

Withers, Frank, Larry Oldham, Diane Hite, William Kingery, Joey Murphy, and Billy Johnson, PIs. 1999-2001 "Broiler Litter Management for Land Productivity and Water Quality in Mississippi." Funded at \$165,000 for 3 years by the State of Mississippi, Special Research Initiative (Ag Econ portion \$23,000/year).

Hite, Diane, Fredrick Hitzhusen and Alan Randall; Alan Randall, PI. 1996. "Environmental Discrimination in Urban Neighborhoods," Funded at maximum \$20,000 level by the Ohio State University Committee on Urban Affairs.

CONSULTING AND FUNDED RESEARCH PARTICIPATION

2010-2011. Consultant for Sylvan Acres. Evaluation of Property Value Impact of Urban Green Space on Residential Property Values in California.

2010. Consultant for Westmoreland, NH Citizens Group. Evaluation of Gravel Pit Impacts on Property Values.

2010-present. Auburn University Junior Faculty Mentorship Grant (Norbert Wilson, PI).

2009-present. USDA Peanut Laboratory Grant (with Norbert Wilson).

2007-2008. Comprehensive Wetland Assessment and Prioritization Plan for the Tinkers Creek Watershed. Consulting for EnviroScience, Stow, OH & Cuyahoga County District Board of Health, Parma OH.

2005. Market Development for Commercialization of Biopower in Alabama. AMS Commissioner Grant (David Bransby PI), consulting for AL Department of Agriculture and Industry.

2002-2004. Land Use Change and Agricultural Competitiveness in the Midwestern United States. USDA National Research Initiative (Sohngen and Forster, PIs), consulting for Ohio State University.

1998. Land Use Change at the Urban-Rural Fringe. Fund for Rural America, USDA (Sohngen and Forster, PIs), consulting for Ohio State University.

1997. Ecological Risks of Transgenic Species Introduction. (Zilinskas and Levin, PIs), consulting for University of Maryland, Maryland Sea Grant.

1996. Nonpoint Source Pollution and Agricultural Practices in the Lake Erie Basin. Principal Investigator, D. Lynn Forster, Ohio State University.

1996. Pilot Project on Watercraft Policy Issues. Sponsored by Ohio Department of Natural Resources. Principal Investigator, Fredrick Hitzhusen, Ohio State University.

1994: Structural vs. Nonstructural Approaches to Flood Control in the Upper Mississippi River Flood Basin. Sponsored by US Army Corp of Engineers. Principal Investigator, Robert Davis, Visiting Professor, Ohio State University.

1993-1995: Land Application Uses of Flue Gas Desulfurization By-Product. Sponsored by American Electric Power Service Corp., the Ohio Coal Development Office, Dravo Lime Co., Electric Power Research Institute, US Geological Survey and Ohio State University. Principal Investigator, Warren Dick, Ohio State University.

CONFERENCE AND INVITED PRESENTATIONS

Hite, Diane and Brent Sohngen. 2011. "The Impact of Changes in Green Space on Property Values in California." Invited presentation, 2011 Yangling International Agri-Science Forum, Northwest Agricultural and Forestry University, Yangling China, November 11, 2011.

Hite, Diane, Michelle Worosz, Terrill Hanson and Luke Marzen. 2010. "The Social and Economic Impacts of the 2010 BP Gulf Oil Spill: a Unified Approach." Bays and Bayous Symposium, Mobile, AL, December 2, 2010.

Byrd, Jennings*, Cephas Naanwaab*, Gbenga Ojumu*, Diane Hite and James Novak. 2008. "Regional ENSO Effects on Predominant Crop-Yields and Profitability: Preliminary Results from the Alabama Blackbelt." 2008 Fall SECC Meeting, Gainesville, FL.

Byrd, Jennings*, Diane Hite, Luke Marzen and Mac Martin*. 2008. "Business Sentiment towards Residential Development in Southwest Alabama." Bays and Bayous Symposium, Biloxi, MS, October 28-29, 2008.

Ojumu, Gbenga, Deacue Fields and Diane Hite. 2008. "Economic Impact of Recreational Fishing in Alabama" Selected paper, Mid-Continent Regional Science Association 39th Annual Conference / IMPLAN National User's Conference 7th Biennial Conference, Colorado Springs, CO.

Cheng, Ka Ming*, Gbenga Ojumu*, Jennings Byrd*, Cephas Naanwaab* and Diane Hite. 2008. "The Impact of Increasing Minimum Temperatures on Agricultural Profits." Poster presentation, 2008 Spring SECC Meeting, Gainesville, FL.

Ho, Chau-Sa*, Diane Hite and James Novak. 2007. "The Value of 6-8 Month Climate Forecasts in Sustainable Agriculture." Department of Agricultural Economics and Rural Sociology, Auburn University, AL.

Jauregui, Andres*, Diane Hite, and David Brasington. 2007. 'Estimating the House Price Impacts of Racial, Income, Education, and Age Neighborhood Segregation.' *Selected Paper*, North American Regional Science Council Annual Meeting, Savannah, GA, November 2007.

Hite, Diane. 2007. 'The Problem with Environmental Justice Studies and How Hedonics Can Help.' Invited paper, International Symposium on Hedonic Methods in Real Estate (Swiss National Science Foundation), Geneva, Switzerland, June 2007.

Correa, Daniel P., Greg Traxler and Diane Hite. 2007. 'Poverty, Language, and Participation in Non-Farm Labor Markets in Rural Paraguay.' *Selected Paper* American Agricultural Economics Association Annual Meeting, Portland, OR, July 2007.

Brasington, David M., and Diane Hite. 2006. 'A Mixed Index Approach to Identifying Hedonic Price Models.' *Selected Paper* Southern Economics Association Annual Meeting, Charleston, SC, November 2006.

Brasington, David M., and Diane Hite. 2006. 'A Mixed Index Approach to Identifying Hedonic Price Models.' *Selected Paper* North American Regional Science Council Annual Meeting, Toronto, Canada, November 2006.

Jauregui, Andres*, Diane Hite, Brent Sohngen and Greg Traxler. 2006. 'The Value of Open Space in Rural and Suburban Areas: A Spatial Hedonic Approach.' *Selected Paper* North American Regional Science Council Annual Meeting, Toronto, Canada, November 2006.

Brasington, David M., and Diane Hite. 2005. 'Mixed Index vs. Traditional Hedonic Price Models: Implications for Policy Predictions.' Twelfth International Conference of The Forum for Interdisciplinary Mathematics on Statistics, Combinatorics, Mathematics and Applications December 2-4, 2005. Auburn University, Auburn, Alabama.

Jauregui, Andres*, Diane Hite and Brent Sohngen. 2005. 'The Value of Open Space in Rural and Suburban Areas: A Spatial Hedonic Approach.' Twelfth International Conference of The Forum for Interdisciplinary Mathematics on Statistics, Combinatorics, Mathematics and Applications December 2-4, 2005. Auburn University, Auburn, Alabama.

Bhatarai Gandhi R*, Diane Hite, and David M Brasington. 2005. 'Estimating Demand for Public Goods Using Two Stage Hedonic Price Model in Six Ohio Metropolitan Housing Markets.' Twelfth International Conference of The Forum for Interdisciplinary Mathematics on Statistics, Combinatorics, Mathematics and Applications December 2-4, 2005. Auburn University, Auburn, Alabama.

Bhattacharai, Gandhi R*, Diane Hite and Upton Hatch. 2005. "Land Use Change and its Effect on Water Quality: A Watershed Level BASINS-SWAT Model in West Georgia." (*Selected Paper*, Alabama Water Resource Conference and Symposium, Orange Beach, AL, September 8-9, 2005.)

Hua, Wei*, Diane Hite and Brent Sohngen. 2005. "Assessing the Relationship Between Crop Choice and Land Use Change using A Markov Model." (*Selected Paper*, American Agricultural Economics Association Annual Meeting, Providence, RI, July 2005.)

Hatch, Upton, Gandhi Bhattacharai*, Diane Hite and Luke Marzen. 2005. "Effects of Land Management Practices in Nitrogen, Phosphorus and Sediment Loads in Bogue Phalia River Basin in Mississippi: A Simulation Using BASIN-SWAT Model." American Water Resources Association Summer Specialty Conference, Honolulu, Hawaii June 27-30, 2005.

Jauregui, Andres*, and Diane Hite. 2005. "Don't Ask, Don't Tell: the Effect of Real Estate Agents on House Prices Near Environmental Disamenities." (*Selected Paper*, American Social Sciences Association Annual Meeting, AREUEA Session, Philadelphia, PA, January 2005.)

Ho, Sa*, and Diane Hite. 2004. "Economic Impact of Environmental Health Risks on House Values in the Southeast US: A County-Level Analysis." (*Selected Paper*, Southern Economic Association Annual Meeting, New Orleans, LA, November 2004.)

Bhattacharai, Gandhi*, and Diane Hite. 2004. "Demand for Public Goods: Reflections from the Real Estate Market." (*Selected Paper*, American Real Estate & Urban Economics Association Mid-Year Meeting, Washington DC, June 2004.)

Ho, Sa*, Gandhi Bhattacharai*, and Diane Hite. 2004. "Economic Impact of Environmental Health Risks on House Values in the Southeast US: A County-Level Analysis." (*Selected Long Paper*, American Agricultural Economics Association Annual Meeting, Denver CO, August 2004.)

Brasington, David, and Diane Hite. 2003, 2004. "The Demand for Environmental Quality: A Spatial Hedonic Analysis," (North American Meetings of the Regional Science Association International, November 2003, Philadelphia, PA; American Social Sciences Association Annual Meeting, January 2004, San Diego, CA)

Bhattacharai, Gandhi*, Diane Hite, Upton Hatch and Henry Thompson. 2003. "Endogenous Growth Models and the Environmental Kuznets Curve: An Analysis of Global Environmental Sustainability." (*Selected Paper*, Annual Agricultural Economics Association Meeting, July 2003, Montreal, PQ, Canada.)

Hite, Diane, Gandhi Bhattacharai* and Sa Ho*. 2003. "Using Bioeconomic Models to Assess the Environmental Benefits of IPM." (Mississippi Joint Ag Pest Management Conference, February 2003, Greenville, MS.)

Intarapapong, Walaiporn*, and Diane Hite. 2003. "Watershed-level Policies to Implement Best Management Practices under Environmental Risk," (*Selected Paper*, Annual Southern Agricultural Economics Association Meeting, February 2003, Mobile, Alabama.)

Renck, Ashley*, and Diane Hite. 2003. "Credence Goods: A Labeling Problem?" (*Selected Paper*, Annual Southern Agricultural Economics Association Meeting, February 2003, Mobile, Alabama.)

Renck, Ashley*, Walaiporn Intarapapong*, Diane Hite and. 2002. "Environmental Risk Assessment under Safety-First Constraints." (*Selected Paper*, Western Agricultural Economics Meeting, July 2002, Long Beach, CA; Published Abstract, *Journal of Agricultural and Resource Economics* 27(2):575 December 2002.)

Hite, Diane, Alan Randall and Brent Sohngen. 2002. "The Welfare and Equity Implications of Environmental Disamenities: A Survival Model Approach." (*Selected Short Paper, Second World Congress of Environmental and Resource Economists*, June 2002, Monterrey, CA)

Hite, Diane, Brent Sohngen, and Josh Templeton*. 2002. "Property Tax Impacts on the Timing of Land Use Conversion." (*Selected Long Paper, Second World Congress of Environmental and Resource Economists*, June 2002, Monterrey, CA)

Hite, Diane, Brent Sohngen, and Josh Templeton*. 2002. "Zoning, Development Timing and Suburbanization Patterns of Agricultural Land: A Competing Risks Approach." (*Selected Paper, 2002 Land Use Policy Workshop, Northeast Agricultural and Resource Economics Association*, June, 2002, Camp Hill, PA)

Walaiporn Intarapapong*, Diane Hite and Murat Isik*. 2002. "Water Quality Impacts of Best Management Practices under Environmental and Equity Constraints in the Mississippi Watershed." (*Selected Paper, The 32nd Annual Mississippi Water Resources Conference*, April 23-24, 2002, Raymond, MS)

Intarapapong, Walaiporn*, Diane Hite and Murat Isik*. 2002. "Environmental Risk Assessment under Safety-First Constraints." (*Selected Paper, 2002 Annual Western Agricultural Economics Association Meeting*, Long Beach, CA)

Hite, Diane, Alan Randall and Brent Sohngen. 2002. "Welfare Impacts of Environmental Disamenities: A Survival Model Approach." (*Selected Paper, 2002 Annual Southern Agricultural Economics Association Meeting*, February 2002, Orlando, FL)

Intarapapong, Walaiporn*, Diane Hite and Murat Isik*. 2002. "Implications of Total Maximum Daily Load Standards on Agricultural Production and Resource Allocation." (*Selected Paper, 2002 Annual Southern Agricultural Economics Association Meeting*, February 2002, Orlando, FL)

Kari, Fatimah*, Walaiporn Intarapapong*, and Diane Hite. 2002. "The Economic and Environmental Benefits of Rice Production in the Mississippi Delta: The Case of Winter Flooding." (*Selected Paper, 2002 Annual Southern Agricultural Economics Association Meeting*, February 2002, Orlando, FL)

Renck, Ashley*, and Diane Hite. 2002. "Results of a Green Marketing Survey." (*Selected Paper, 2002 Annual Southern Agricultural Economics Association Meeting*, February 2002, Orlando, FL).

Hite, Diane, Walaiporn Intarapapong* and Murat Isik*. 2001. "A Watershed-Based Bioeconomic Model of Best Management Practices in Mississippi." 222nd American Chemical Society National Meeting, Agrochemical Division, Chicago, IL, August 26-30, 2001; Published abstract *Abstracted Papers of the American Chemical Association*: AGRO Part 1, August 2001.

Sohngen, Brent, Diane Hite and Josh Templeton*. 2001. "Land Use Change and Property Taxes: An Empirical Study of the Effect of Property Taxes on the Timing of Land Conversion from Agriculture to Development." (*Selected Paper, 2001 Annual American Agricultural Economics Association Meeting*, August 2001, Chicago IL.)

Intarapapong, Walaiporn*, Diane Hite, and Lynn Reinschmeidt. 2001. "Optimal Profits Under Environmental Constraints: The Case of Soybean Rotations in Mississippi." (*Selected Paper, 2001 Annual Southern Agricultural Economics Association Meeting*, January 2001, Fort Worth, TX; Published Abstract, *Journal of Applied and Agricultural Economics* 33(2) August 2001.)

Intarapapong, Walaiporn*, Abdul Jafaar*, Diane Hite and Darren Hudson. 2001. "A Test of Intraregional Vs. Extraregional Benefit Transfer." (*Selected Paper, 2001 Annual Southern Agricultural Economics Association Meeting*, February 2002, Orlando, FL)

tion Meeting, January 2001, Fort Worth, TX; Published Abstract, *Journal of Applied and Agricultural Economics* 33(2) August 2001.)

Renck, Ashley*, Diane Hite and Larry Oldham. 2000. "Poultry Litter Transport to Reduce Non-point Pollution." 2000. (*Invited paper, Water Environment Federation, Animal Residuals Management Conference*, November 12-14, 2000, Kansas City, Missouri; Paper published in proceedings.)

Intarapapong, Walaiporn*, Diane Hite and Darren Hudson. 2000. "Water Quality Impacts of Agricultural Variable Rate Technology in Mississippi," (*Selected Paper, 2000 Annual Conference, American Water Resources Association*, November, 2000, Miami, FL.)

Hite, Diane. 2000. "Information Impacts on Stated vs. Revealed Preferences for Environmental Quality." (*Selected Paper, 2000 Annual American Agricultural Economics Association Meeting*, August, 2000, Orlando, FL. Published on AgEcon Search Web Site.)

Hite, Diane, Brent Sohngen, Josh Templeton* and John Simpson. 2000. "Competing Risks in the Suburbanization of Agricultural Land." (*AERE Symposium Paper, 2000 Annual American Agricultural Economics Association Meeting*, August, 2000, Orlando, FL.)

Sohngen, Brent, Diane Hite, Josh Templeton* and John Simpson. 2000. "The Value of Open Space and Agricultural Land to Rural Non Farm Residences." (*Selected Paper, 2000 Annual American Agricultural Economics Association Meeting*, August, 2000, Orlando, FL. Published on AgEcon Search Web Site.)

Intarapapong, Walaiporn*, Diane Hite, Abdul Jaafar* and Darren Hudson. 2000. "Predicted vs. Estimated Welfare Measures: A Test of the Benefits Transfer Method." (*Selected Paper, 2000 Annual American Agricultural Economics Association Meeting*, August, 2000, Orlando, FL. <http://agecon.lib.umn.edu/cgi-bin/detailview.pl?paperid=1995>.)

Hite, Diane, Brent Sohngen, Josh Templeton* and John Simpson. 2000. "Factors Affecting Land Use Change at the Urban-Rural Fringe." (*Selected Paper, SERA-IEG Conference*, May, 2000, Athens, GA; Paper published in proceedings http://ext.msstate.edu/srdc/publications/220_ch1.pdf.)

Hite, Diane, Darren Hudson and Domenico Parisi. 2000. "Perceptions of Water Quality and Agricultural Pollution by Mississippi Residents." (*Invited paper, Mississippi Water Resources Association and Mississippi Water Research Institute Joint Conference*, April 18, 2000, Raymond, MS; Paper published in proceedings.)

Diane Hite, Darren Hudson, Somporn Meerangruang*, and Walaiporn Intarapapong*. 2000. "Willingness to Pay for Precision Application Technology to Reduce Agricultural Nonpoint Pollution." (*Selected Paper, 2000 Annual Southern Agricultural Economics Association Meeting*, January-February, 2000, Lexington, KY; Published Abstract, *Journal of Applied and Agricultural Economics* 32(2) August 2000.)

Renck, Ashley*, Diane Hite and Darren Hudson. 2000. "Welfare Tradeoffs for Competing Wildlife-Based Recreational Activities." (*Selected Paper, 2000 Annual Southern Agricultural Economics Association Meeting*, January-February, 2000, Lexington, KY; Published Abstract, *Journal of Applied and Agricultural Economics* 32(2):395 August 2000.)

Meerangruang, Somporn*, Walaiporn Intarapapong*, Diane Hite and Darren Hudson. 2000. "An Analysis of Taxing Agricultural Chemicals and Environmental Implications." (*Selected Paper, 2000 Annual Southern Agricultural Economics Association Meeting*, January-February, 2000, Lexington, KY; Published Abstract, *Journal of Applied and Agricultural Economics* 32(2):401 August 2000.)

Walaiporn Intarapapong*, Diane Hite and Lynn Reinschmiedt. 2000. "The Economic and Environmental Impacts of an Alternative Conservation Practice: The Case of Mississippi Soybeans." (*Selected Paper,*

2000 *Annual Southern Agricultural Economics Association Meeting*, January-February, 2000, Lexington, KY; Published Abstract, *Journal of Applied and Agricultural Economics* 32(2):405 August 2000.)

Hanson, Terry, Diane Hite, and Brian Bosworth. 2000. "A Translog Demand Model for Inherited Traits in Aquacultured Catfish." (*Selected Paper, Aquaculture America 2000, Meeting of the World Aquaculture Society*, February 2000, New Orleans, LA; Abstracted in proceedings.)

Hite, Diane. 1999. "The Economic and Environmental Implications of Marine Biotechnology," Invited presentation. *National Research Council Board on Biology and Ocean Studies Workshop*, October 5-6, 1999, National Academies of Science, Washington, DC; Paper published in proceedings.

Blair, Benjamin F., and Diane Hite. 1999. "The Impact of Environmental Regulations on the Industry Structure of Landfills." (*Selected Paper 1999 Southern Economics Association Meeting, November, 1999, New Orleans, LA*.)

Brasington, David M. and Diane Hite. 1999. "The Demand for Environmental Quality in Urban Areas: a Translog Approach." (*Selected Paper. 1999 Southern Economics Association Meeting, November, 1999, New Orleans, LA*.)

Hite, Diane, John P. Hoehn and Alan Randall. 1999. "Dealing with Health Concerns in Natural Resource Damage Assessment," (*Selected Paper, 1999 Annual American Agricultural Economics Association Meeting, August, 1999, Nashville, TN; Published Abstract, American Journal of Agricultural Economics* 81(5):1318, December 1999).

Fuentes, Porfirio*, Diane Hite, Lynn Reinschmeidt, and Stan Spurlock. 1999. "The Economic Impact of Wetlands Creation for Mississippi's Wildlife-Based Recreation Industry." Department of Agricultural Economics, Mississippi State University. (*Selected Paper, 1999 Annual Southern Agricultural Economics Association Meeting, January 1999, Memphis, TN; Published Abstract, Journal of Applied and Agricultural Economics* 31(2):400, August 1999).

Gabe, Todd M. and Diane Hite. 1999. "Measuring the Impact of Boating Safety Policies." Department of Agricultural Economics, Mississippi State University. (*Selected Paper, 1999 Annual Southern Agricultural Economics Association Meeting, January 1999, Memphis, TN; Published Abstract, Journal of Applied and Agricultural Economics* 31(2):392, August 1999).

Hite, Diane, Eric Smith* and D. Lynn Forster. 1999. "A Bioeconomic Model of Farm Management and Environmental Effluents in the Western Lake Erie Basin." Department of Agricultural Economics, Mississippi State University. (*Selected Paper, 1999 Annual Southern Agricultural Economics Association Meeting, January 1999, Memphis, TN; Published Abstract, Journal of Applied and Agricultural Economics* 31(2):392, August 1999).

Hite, Diane, Lynn Forster, and Jon Rausch*. 1997. "Optimal Use of Smokestack Scrubber By-Product." Department of Agricultural Economics, Ohio State University. (*Selected Paper, 1997 Annual Agricultural Economics Association Meeting, July, 1997, Toronto, Canada; Published Abstract, American Journal of Agricultural Economics* 79(5), December 1997).

Hite, Diane. 1997. "Information and Bargaining in Markets for Environmental Quality," Department of Agricultural Economics, Ohio State University. (*Selected Paper, 1997 Annual Agricultural Economics Association Meeting, July, 1997, Toronto, Canada. Published Abstract, American Journal of Agricultural Economics* 79(5), December 1997).

Hite, Diane. 1997. "Assessing Impacts of Boating Safety Policies." 1st International Congress of Boating Safety. April, 1997, San Diego, CA.

Hite, Diane. 1996. "A Hedonic Model of Environmental Equity," Department of Agricultural Economics, Ohio State University. (Selected Paper, *1996 Annual Agricultural Economics Association Meeting*, July, 1996, San Antonio, TX; Published Abstract, *American Journal of Agricultural Economics* 78(5), December 1996).

Hite, Diane. 1995. "Measuring Welfare Changes in Environmental Quality: The Case of Landfills," ESO #2215, Department of Agricultural Economics, Ohio State University. (Selected Paper, *1995 Annual Agricultural Economics Association Meeting*; Published Abstract, *American Journal of Agricultural Economics* 77(5), December 1995).

Hite, Diane, Wen S. Chern and Fredrick J. Hitzhusen. 1994. "Measuring the Welfare Impacts of Landfilling FGD By Product," *11th Annual International Pittsburgh Coal Conference*, September 14, 1994, Pittsburgh, PA.

Invited Seminars:

Northwest A&F University, Yangling, China; Auburn University Department of Fisheries; University of Maine; University of Tennessee, August 2001. Tulane University Department of Economics; Louisiana State University; Mississippi State University Department of Agricultural Economics, January 1998; Portland State University Department of Economics, January 1998; College of the Holy Cross Department of Economics, August, 1998; St. Mary's College of Maryland Department of Economics, January, 1998; Academia Sinica. April 1997, Taipei, Taiwan; North Dakota State University Department of Agricultural Economics, April 1997; University of Alabama Department of Economics, January 1997; Indiana University Department of Economics, January 1997; NJ Institute of Technology Department of Economics, April 1996; University of Richmond Department of Economics, January 1996; Ohio State University Department of Natural Resources, Solid Waste Management Project Teleconference presentation, October 1995, Columbus, Ohio; The United States Environmental Protection Agency, July 1995, Washington, DC; Fairfield University Department of Economics, January 1995.

OTHER CONFERENCE RELATED ACTIVITIES

Selected Papers Topic Leader for Environmental Economics. *2009 Annual Agricultural Economics Association Meeting*.

Chair of Selected Paper Session, "Mechanism Design and Modeling Issues." *2007 Annual Agricultural Economics Association Meeting*, July 2007, Portland, Oregon.

Selected Poster. "Economic Potential of Bioenergy," Patricia Duffy, Diane Hite and David Bransby. Annual American Agricultural Economics Association Meeting, July 2005, Providence, RI.

Organizer, Invited Paper "Water Quality and Quantity Issues in Southern Agricultural Systems: TMDLs, BMPs and Policy Prescriptions." Diane Hite, Terry Hanson and Krishna Paudel, 2003 Southern Agricultural Economics Meeting, Gulf Shores, AL.

Selected Poster. "Economic and Environmental Impacts of Conservation Agricultural Practices in The Mississippi Delta Watershed." Walaiporn Intarapong*, Diane Hite and Lynn Reinschmidt. Integrated Decision-Making for Watershed Management Symposium, January 2001, Chevy Chase, MD.

Discussant, "Advances in Valuation" (AERE Session), 2000 Allied Social Science Association Meeting, January 2000, Boston, MA.

Selected Poster. "A Complete Demand Analysis for Genetic Characteristics of Aquacultured Catfish," Terry Hanson, Diane Hite, Brian Bosworth, Walaiporn Intarapong* and Somporn Meeranguang*. 1999 Annual American Agricultural Economics Association Meeting, August 1999, Nashville, TN; Published Abstract, *American Journal of Agricultural Economics* 81(5):1323, December 1999).

Discussant, "Using Census Data to Estimate Environmental Regulations' Impacts" (AERE Session), 1998 Allied Social Science Association Meeting, January 1998, Chicago, IL.

Chair of Selected Paper Session, “Environmental Choices Made by Firms: Technology Adoption and Liability.” *1997 Annual Agricultural Economics Association Meeting*, July 1997, Toronto, Canada.

SERVICE AND HONORS

Departmental:

- 2010-present: Member, Graduate Research Paper Committee
 2007-present: Member, Graduate Studies Committee
 2005-present: Member, Curriculum Committee
 2005-present: Member, Intercollegiate Program Development Committee
 2005-present: Ad-Hoc Departmental Intercollegiate Program Development Committee
 2004-present: Member, Departmental Scholarship Committee
 2004-present: Member, Departmental Curriculum Committee
 2004: Judge for NAMA case studies.
 2003: Chair, On-Site Committee for USDA-CSREES departmental review
 2003-present: Member, On-Site Committee for CSREES Departmental Review
 1998-2002: Chair, Seminar Committee
 1999-2002: Member, Graduate Screening and Evaluation Committee
 1999-2002: Member, Cultural Diversity Committee
 1999-2002: Member, Graduate Review Committee
 1999-2002: Reference Center Management Committee
 2000: Joint Ph.D. (with Economics) Steering Committee
 2000-2002: Qualifying Examination Committee member for Demand Theory and Econometrics
 2000-2002: *Major Professor for completed MSU PhD students:*
 Ashley Wood Renck, dissertation title: “Benefits and Costs of Environmental Regulation of the Poultry Industry” (Agricultural Economics PhD 2002);
 Fatimah Kari, dissertation title: “Three Essays on Environmental Conservation and Wildlife in the Market Place: The Case of Rice Winter Flooding in Mississippi” (Agricultural Economics PhD 2002)
 Minor Professor for MSU PhD Kathleen Arano (Economics PhD 2003)

2002-present:

Major Professor for current Auburn PhD students:

Lina Cui
 Sezhu Liu
 Derrick Robinson
 Xinran Liu

Major Professor for completed Auburn PhD students:

Ermanno Affuso, dissertation title: “Essays on Applied Resource Economics Using Bio-economic Models.” (Applied Economics PhD 2011)

Cephas Naanwaab, dissertation title: “A Spatial Econometric Analysis of the Effects of Subsidized Housing and Urban Sprawl on Property Values.” (Applied Economics PhD 2011)

William Jennings Byrd, dissertation title: “The Economics of Film Distribution” (Applied Economics PhD 2010)

Olumwagbemiga Ojumu, dissertation title: “The Economics of Land and Water Resource Use” (Applied Economics PhD 2009)

Sa Chau Ho, dissertation title: “Three Essays on Toxic Chemical Releases, House Values and Labor Productivity” (Applied Economics PhD 2007)

Gandhi Bhattarai, dissertation title: “Three Essays on the Economics of Land Use and Water Quality” (Applied Economics PhD 2006)

Andres Jauregui, dissertation title: “Three Essays on Real Estate, Environmental and Urban Economics Using the Hedonic Price Model Technique” (Applied Economics PhD 2006)

Major Professor for Auburn MS students:

Robert Blair (MS Economics 2010)

Ryan Reeder (MS Economics 2011)

Tyler Kreps (MS 2009)

Christophe de Parisot (MS 2007)

Committee member PhD and Masters

Xuan Shen (PhD Applied Economics), Thomas Doran (PhD Applied Economics), Kenesha Reynolds (PhD Applied Economics), Leah Duzy (PhD Applied Economics), Liping Gao (PhD Forestry), Li Meng (PhD Forestry), Wen Shi (PhD Forestry), Nhuong Tran (PhD Applied Economics 2011), Suman Majumdar (PhD Forestry 2010), Manik Anand (PhD 2010), Ram Pandit (PhD 2007), John Kagochi (PhD 2007), Yuqing Cheng (PhD 2006),

Jian Xiao (MS AGEC), Christopher McKee (Fisheries), Jeana Baker, (MAg 2012) Ryan Lothrop (MS Fisheries 2012), Adam Wilson (MS AGEC 2012), Batoul Gamdhani (MS Geography 2012), Mahua Majumdar (MS 2011 Rural Soc) Moriah Belinger (MS 2005 AGEC)

2001-2002: Member, Department Head Search Committee

College:

2007-present Member, College Research Advisory Council (competitively chosen position)

University:

2010-present: Member, American Association of University Professors Executive Committee

2005-2007: Member, Auburn University Sustainability Committee

2004-2007: Member, Auburn University Academic Standards Committee

2004-2006: Representative, Auburn University Senate

1999-2002: Animal Waste Management Task Force

Regional:

2008-present: Member, Alabama Waterfront Access Committee (state government of Alabama)

2006-2007: President SERA-IEG 30, Southeast Regional Interest Group in Resource and Environmental Economics

2005-2006: Vice President SERA-IEG 30, Southeast Regional Interest Group in Resource and Environmental Economics

2004-2005: Secretary-Treasurer SERA-IEG 30, Southeast Regional Interest Group in Resource and Environmental Economics

2005-present: Member, Alabama Black Belt Wildlife and Heritage Trail Steering Committee

2004-2005: Secretary-Treasurer SERA-IEG 30, Southeast Regional Interest Group in Resource and Environmental Economics

2002-2003: Mississippi Delta Management System Evaluation Area Technical Steering Committee Member.

2002-present: Gulf Coast Ecosystems Study Unit participant.

Professional:

- 2010-present: Executive Committee member, Auburn Chapter of American Association of University Professors
 2004-2007: Editorial Council, *Journal of Agricultural and Applied Economics*.

Professional Organization Memberships

American Economics Association, Urban Economics Association, Agricultural and Applied Economics Association

Refereeing:Journals:

1. *Agricultural Economics*: 2007
2. *Agricultural and Resource Economics Review*: 2002, 2005
3. *Annals of Regional Science*: 2011
4. *Aquaculture Economics and Management*: 2000
5. *Australian Journal of Agricultural and Resource Economics*: 2007
6. *China Economic Review*: 2004
7. *Climatic Change*: 2004
8. *Contemporary Economic Policy*: 2008
9. *Economic Inquiry*: 2007
10. *Energy Economics*: 2011
11. *Environment and Development Economics*: 2004, 2010
12. *Environmental Management*: 2008
13. *Growth and Change*: 2005, 2010
14. *The Journal of Agricultural and Applied Economics*: 1994, 1995, 1996, 2001, 2003, 2004, 2005, 2006, 2008
15. *The Journal of Agricultural and Resource Economics*: 1997, 2001, 2002
16. *Journal of Environmental Management*: 2002, 2003, 2004, 2008, 2010
17. *The Journal of Housing Economics*: 2009, 2010, 2011
18. *Journal of Natural Resources Policy Research*: 2010
19. *The Journal of Real Estate Finance and Economics*: 1999
20. *Journal of Regional Science*: 2001, 2008
21. *Journal of Soil and Water Conservation*: 2009
22. *Land Economics*: 1996, 2000, 2002, 2003, 2004, 2007, 2009, 2011
23. *Land Use Policy*: 2005
24. *Landscape and Urban Planning*: 2007, 2009, 2010
25. *North American Journal of Fisheries Management*: 2010
26. *Papers in Regional Science*: 2007
27. *Proceedings of the National Academies of Science*: 2008
28. *Real Estate Economics*: 2011
29. *Regional Science and Urban Economics*: 2008, 2009
30. *Social Science Computer Review*: 2008
31. *Southern Rural Sociology*: 2005
32. *Spatial Economic Analysis*: 2008, 2010, 2011
33. *Waste Management*: 2005, 2006

Conferences:

American Agricultural Economics Association Poster Session reviewer: 1997, 2001, 2003, 2007
 American Agricultural Economics Association Selected Paper reviewer: 1997, 2006, 2007
 Southern Agricultural Economics Association Selected Paper reviewer: 2001, 2010

Grants:

USDA/CSREES National Research Initiative Grants Panel Reviewer: 2003, 2006

New Jersey Water Resources Research Institute Grants: 2005
USEPA National Graduate Fellowship Awards: 2002
USDA/CSREES National Research Initiative Grants Reviewer at Large: 2002
Mississippi 4H Community Pride Grant Referee: 2000

Miscellaneous:

2008: Chosen for listing in Who's Who in America
2007: Chosen for listing in Who's Who among America's Teachers and Educators
2006: Chosen for listing in Who's Who in Agriculture Higher Education
The White House Committee on Environment and Natural Resources Gulf of Mexico Hypoxia Report: 1999
Workshop panelist for National Research Council's Board on Biology and Ocean Studies Workshop, Washington, DC: 1999
Passed Society of Actuaries Exams 1-5 (1987-1989)

REFERENCES

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