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Current Position

Professor and Spicer Chair of Collaborative Process, 40% Teaching, 40% Extension and 20% Research Appointment. University of Wyoming Department of Agricultural & Applied Economics and the UW Environment & Natural Resources Program, 804 Fremont St., Laramie, WY 82072; (307)766-2703.

Carry out a research, teaching and extension program in policy development and public decision-making in natural resources and community development. Focus is on working with local governments, state and federal agencies and others to effectively involve citizens in environmental policy issues. Provide assistance and training in participatory decision-making, negotiation, process design for collaborative processes, public dispute resolution, and technical analysis of resources, economics, and policy.

Education

Ph.D.: in Economics with specialization in resource economics, Department of Agricultural Economics and Rural Sociology, Auburn University, Auburn, Alabama, September 1995. Dissertation title: "An Operational Model of Regional Sustainable Economic Development."

M.C.R.P.: (Community and Regional Planning), Graduate Program in Community and Regional Planning, North Dakota State University, Fargo, North Dakota, May 1982. Thesis title: "Preservation of Migratory Waterfowl Habitat in North Dakota: Landowner Attitudes and Recommended Strategies."

B.S.: Outdoor Recreation, Colorado State University, Fort Collins, Colorado, August 1978.

Experience

January 2010 to present. Professor, Department of Agricultural & Applied Economics and the UW Environment & Natural Resources Program, University of Wyoming.

July 1995 to December 2009. Extension Specialist, Department of Agricultural and Resource Economics, North Carolina State University, Raleigh, NC. Extension appointment with responsibilities in the area of natural resources and public policy. Director, Natural Resources Leadership Institute.

November 1992 to July 1995, Senior Policy Analyst, Resource Analytics, Inc., Raleigh, NC

December 1990 to July 1995, Research Associate, Department of Agricultural and Resource Economics, North Carolina State University, Raleigh, NC

April 1984 to September 1990, Research Associate, Department of Agricultural Economics and Rural Sociology, Auburn University, Alabama

Refereed Papers, Articles, and Extension Publications

Smutko, L.S. and M.L Addor. "The Resilience and Power of Heterarchical Leadership." In *Environmental Leadership: A Reference Handbook*, Deborah R. Gallagher, ed. Sage Press (*in press*).

Keske, C.M. and L.S. Smutko. "Using audience response system technology (ARS) to assess community preferences for extraction and recreation." *J. of Sustainable Tourism*, 18(8): 951-970. 2010.

J.W. Robinson and L.S. Smutko "The Role of Conflict in Community Development." In *An Introduction to Community Development: Theory and Practice*, J.W. Robinson and G.P. Green, eds. Sage Press, 2010.

Singletary, L., L. S. Smutko, M, Smith, G. Hill, S. Daniels, J. Ayres, and K. Haaland, "Skills Needed to Help Communities Manage Natural Resource Conflicts." *Conflict Resolution Quarterly*. 25(3): 303-320 2008

Singletary, L., M, Smith, G. Hill, S. Daniels, L. S. Smutko, J. Ayres, and K. Haaland, "Strengthening Extension's Capacity to Conduct Public Issues Education Programs: Results of a National Needs Assessment." *Journal of Extension* 43:3(Article No. 3FEA1). 2007

Addor, M.L, Denckla, T, Dukes, E.F., M. Ellerbrock, and L.S. Smutko, "Theory to Practice Model: The Natural Resources Leadership Institute." *Conflict Resolution Quarterly*. 23(2): 203-23. 2006.

Smutko, L.S., K. Haaland. *Handling Scientific and Technical Information in Contentious Public Issues: Tools and Techniques*. Community Development Publication CD-47, NC State University. February 2005.

Smutko, L.S., K. Haaland. *Handling Scientific and Technical Information in Contentious Public Issues: A Public Issues Education Approach*. A comprehensive training guide for Cooperative Extension educators. Community Development Publication CD-46, NC State University. September 2004.

Smutko, L.S., C.A. Perrin, and P.G. Beggs. *Local Watershed Planning: Citizen Participation Guidebook*. A training guide for Cooperative Extension educators and local government officials. Extension Publication AG-643, NC State University. December 2004.

Smutko, L.S., S.H Klimek, C.A. Perrin, and L.E. Danielson. "Involving Watershed Stakeholders: An Issue-Attribute Approach to Determine Willingness and Need". *Journal of the American Water Resources Association*. 38(4): 995-1006. 2002.

Bohnsack, B.L., R.B. Ditton, J.R. Stoll, R. Novak, L.S. Smutko and R.J. Chen. "The Recreational Bluefin Tuna Fishery in Hatteras, North Carolina: Anglers Characteristics, Behaviors, Attitudes, and Economic Impacts". *North American Journal of Fisheries Management*. 22(1):165-176. 2002.

Hustedde, R., L.S. Smutko, and J.J. Kapsa. *Public Conflict Resolution: Turning Lemons to Lemonade: A training workbook for Extension Educators and community leaders on public conflict resolution*. Southern Rural Development Center, SRDC Series #221 August 2001.

Renkow, M. L.E. Danielson, and L.S. Smutko. *The Role of Strategic Planning in Community Decision Making on Environmental Issues*. AREP94-4, Dept. of Ag. and Resource Economics, NC State Univ., Raleigh, NC, April 1994, 4pp.

Smutko, L.S., L.E. Danielson, and D.L. Hoag. *Evaluating County Policy Alternatives to Meet Air Quality Standards: A Case Study*. AREP93-3, Dept. of Ag. and Resource Economics, NC State Univ., Raleigh, NC, October 1993, 6pp.

Smutko, L.S., L.E. Danielson, and D.L. Hoag. *Protecting Local Groundwater Resources*. AREP93-4, Dept. of Ag. and Resource Economics, NC State Univ., Raleigh, NC. October 1993, 7pp.

Jacobson, E.M., L.E. Danielson, L.S. Smutko, V.N. Cox, and G.D. Jennings. *Environmental Assessments*. AREP93-1, Dept. of Ag. and Resource Economics, NC State Univ., Raleigh, NC, October 1993, 7pp.

Public Policy Projects Directed

Upper Green River Basin Air Quality Citizens Advisory Task Force. Assembled and led 23-member task force of representatives of industry, community, local government, and conservation organizations. The purpose of the task force is to advise and make recommendations to the Wyoming Department of Environmental Quality on approaches to reduce winter time ozone levels associated with energy development in Upper Green River Basin Ozone Nonattainment Area.

Coalbed Methane Produced Water Permitting Strategy. Contracted with the WY Department of Environmental Quality to design and conducted a collaborative decision process to develop recommendations on a new strategy for permitting water discharges from coalbed methane production wells. December 2009- present.

Transitioning to an Actual Cost Method for the NC Nutrient Offset Payment Program. Contracted with the NC DENR Ecosystem Enhancement Program to develop a stakeholder-driven decision making process for establishing a pricing mechanism for North Carolina's nutrient offset payment program. December 2008 – June 2009.

North Carolina and the New Energy Economy: Regional Forums. Worked with the NCSU Institute for Emerging Issues to coordinate discussion roundtables at four regional forums in North Carolina. September – November, 2008.

Institute for Emerging Issues Program on Growth and Infrastructure. Worked with the NCSU Institute for Emerging Issues to coordinate and facilitate its Working Group on Growth and Infrastructure. Purpose was to identify policy statements of direction for future action by state and local governments. May – December, 2008.

Community Development and Physical Planning: James Street Area Action Plan. In association with NCSU College of Design, contracted by the City of Kannapolis, NC to identify strategies to stabilize Kannapolis' low-income distressed neighborhoods. Assist residents to participate in discussions that aim to shape the future of their neighborhoods and to take advantage of opportunities created by the North Carolina Research Campus and other economic growth potentials in the area. May 2008 – March 2009.

Situation Assessment of the Water Allocation Conflict in the Apalachicola-Chattahoochee-Flint River Basin. Contracted with the U.S. Institute for Environmental Conflict Resolution to provide oversight in conducting and analyzing a situation assessment in the ACF Basin in Alabama,

Florida, and Georgia. The purpose of the assessment is to determine the feasibility and approach of a stakeholder forum for recommending water management and allocation decisions in the basin. September – October 2008.

Evaluation of the City of Raleigh's Parks Master Planning Process. Contracted by the City of Raleigh to evaluate the effectiveness of citizen participation in parks master planning. Reviewing three dimensions of citizen involvement, inclusiveness, transparency and efficiency. June 2008 – present.

Recreational Use on the Chattooga River. Contracted by the US Forest Service to design and conduct a capacity analysis and subsequent National Environmental Policy Act (NEPA) assessment to enable joint decision making among the Forest Service and key stakeholders. March – December 2007.

Testing the Use of Mediation for Managing User Conflicts in North Carolina Fisheries. Sea Grant Research Project 06-FEG-1. Designed and tested a mediation program for use by the NC Division of Marine Fisheries to resolve fisheries-related conflicts. The project resulted in a new program adopted by the Division for diverting marine fisheries conflicts from official regulatory mechanisms. July 2006- June 2008.

Development of Tree Conservation Ordinances. Assist two local government units, the Winston-Salem / Forsyth County Planning Board and the City of Knightdale Environmental Review Board to design and guide decision-making processes for tree conservation. May 2006 – October 2007.

Streamlining the Environmental Permitting Process for Local Roads: Designing and Facilitating a Collaborative Decision Process. Working with the NC Division of Water Quality to convene state and federal regulatory agencies, local governments, and other stakeholders to examine the environmental permitting process and together develop a stream-lined, rapid, pre-application or review process for local roads. July 2006 – June 2007.

Timely Delivery of Transportation Projects with Environmental Excellence: Federal/State Strategic Planning. Working with the NC Department of Transportation, the Federal Highways Administration and eight state and federal natural resource agencies. The objective is to develop a plan for involving state and federal natural resources agencies in mobility planning to improve environmental outcomes. May 2004 – November 2006.

Alcoa-Yadkin Hydropower Negotiation Training Organized and conducted a one-day training workshop for citizens involved in hydropower relicensing decisions on the Yadkin River. Forty-three citizens received the training. The expected outcome is that citizens will improve their understanding of the hydropower relicensing process and will be better equipped to reach a wise, fair, and durable agreement on resource allocation issues. September 2004.

The Highly Migratory Fish Species Recreational Fishery: Improving Communication with the National Marine Fisheries Service With faculty from NC Sea Grant Program, organized and moderated a two-day conference to improve communications and relationships between the National Marine Fisheries Service's Highly Migratory Species (HMS) Management Division and the recreational fishing industry. New Bern, NC. February 18-19, 2004

Negotiation Training for Hydropower Relicensing. Supported by a grant from the Charles Stewart Mott Foundation, developed a training program on negotiation and decision-making for hydropower relicensing. Participants included utility officials, state and federal resource agency staff, local government officials, environmental non-profit staff, and citizens. January – March 2004.

Hydropower Relicensing on the Nantahala and Tuckasegee. Working with officials from Duke Power Company, representatives of state and federal resource agencies, local government, river outfitter companies, landowners, and other stakeholders in the Nantahala and Tuckasegee River watersheds to develop agreements on a Federal Energy Regulatory Agency license application for hydropower operations in the Little Tennessee River basin in western North Carolina. The purpose of the project is to develop agreements on such issues as reservoir levels, instream flows for aquatic habitat and recreation, and resource protection, restoration and mitigation. October 2001 – June 2003.

Water Quantity Policy Forum. With faculty from UNC-Chapel Hill School of Government, organized and moderated a two-day statewide conference on water supply sponsored by the Z. Smith Reynolds Foundation. The objective was to initiate dialogue on potential future policy changes that will meet the state's growing demand for fresh water in times of low rainfall as experienced in 2002. Chapel Hill, NC, January 8-9, 2003

Interbasin Transfer Permit Negotiations. With the UNC School of Government, provided decision-making assistance to the Charlotte-Mecklenburg Utilities Department, the Town of Mint Hill, and the NC Wildlife Resources Commission on the requirements for obtaining an interbasin transfer permit to allow expansion of water and sewer services in the county. The goal was to develop a permit requirement that protected a federally endangered mussel while allowing access to water and sewer in eastern Mecklenburg County. The issue remains unresolved pending further developments on a regional wastewater reclamation facility. January – March 2002.

Riparian Buffer Rule for the Catawba Basin. Designed and facilitated a decision-making process involving two stakeholder groups in the Catawba River Basin. The result was a set of recommendations on a riparian buffer rule for the Catawba River basin forwarded to the NC Environmental Management Commission for rule making. September 2000 – March 2001.

Land Use Planning Symposium. Served on the organizing committee to plan and implement a Western Region NC Cooperative Extension workshop, titled the "Western North Carolina Land Use Planning Symposium: A regional conference on land use planning." Lake Junaluska, NC. March 7, 2001.

Turtle-Fishermen Interactions Workshop. Moderated a NC Sea Grant/NC Division of Marine Fisheries workshop on sea turtle – fishermen interactions. Provided information about sea turtle population dynamics, implementation of the federal endangered species act, and gather feedback from fishermen and conservationists on existing and potential actions to protect sea turtles and maintain the coastal flounder fishery. New Bern, NC January 25, 2001.

Urban Stormwater Management Workshops. Organized and delivered education forums about urban stormwater management for groups of interested constituencies (e.g., the environmental community, developers, and local government officials). March – December 2000.

Endangered Species Workshops. Organized three educational forums on the piping plover, an endangered shorebird. The purpose of the forums was to provide information to citizens about the piping plover, and citizen feedback to the U.S. Fish and Wildlife Service on concerns or questions regarding the management of this species. June - August, 2000.

Aquifer Protection Policy. Designed and carried out a collaborative decision-making process to develop an administrative rule under the Water Use Act for protecting the long-range productivity of cretaceous aquifer system in North Carolina's central coastal plain. Convened the Central Coastal Plain Capacity Use Area Stakeholder Committee, coordinated information

gathering and exchange, and facilitated their deliberations which resulted in a mutually acceptable solution. November 1999 – April 2000.

Statewide Wetlands Management. Assisted the Statewide Wetlands and Stream Management Strategy Advisory Committee, a 25-member policy working group convened by the Secretary of the North Carolina Department of Environment and Natural Resources. The purpose of the committee was to jointly develop a regulatory and non-regulatory management strategy for the protection of wetlands and streams. Designed and delivered four educational public participation forums on wetlands and riparian area protection to citizens in Buncombe, New Hanover, Craven and Guilford Counties. The objective of the forums was to gather information on important issues relevant to wetland and riparian area protection. August – December 1999.

Assisted the *Neuse Urban Stormwater Team*, a stakeholder group representing local government, state agencies, and others to develop a model stormwater program for implementation in the Neuse River watershed. August 1999.

Riparian Buffer Rule for the Neuse Basin. Designed and facilitated a collaborative decision-making process to enable the Neuse River Basin Buffer Stakeholder Advisory Committee, a 23-member policy committee appointed by the 1998 NC General Assembly to assess, evaluate, and amend rules governing riparian buffers in the Neuse River basin. November 1998 – May 1999.

NC Wood Chip Production Study. For the North Carolina Wood Chip Production Study, organized a 20-member advisory committee representing the wood products industry, environmental organizations, tourism industry, and others to provide guidance on a statewide study of the economic and ecological impacts of wood chip mills. Designed and delivered three educational public participation forums about wood chip production and the study to an audience of 400 participants in Stokes, McDowell, and Green counties. October 1998 – January 2000.

Risk Assessment for Groundwater Protection. For the North Carolina Department of Environment and Natural Resources, assist the Risk Assessment Working Group, a committee representing North Carolina industries and environmental organizations to develop a set of principles that were used to modify the current risk protocols used by the Department when evaluating clean-up strategies for groundwater contamination incidents. January – March 1998.

Animal Waste Dialogue. Organized the North Carolina Animal Waste Dialogue, a 15-member group representing animal producers, environmental organizations, farm interests, and state regulatory agencies. The purpose of the dialogue was to develop mutually agreeable options toward improving animal waste management in North Carolina. July 1998 – present.

Beaufort County CAFO Ordinance. For the Beaufort County Board of Commissioners, organized and facilitated the deliberations of the Beaufort County Intensive Livestock Operations Steering Committee to reach agreement on recommendations for county policy regarding intensive livestock operations. June 1997 – August 1998.

Craven County CAFO Ordinance. For the Craven County Board of Commissioners, organized and facilitated the deliberations of the Craven County Intensive Livestock Operations Moratorium Steering Committee to reach agreement on recommendations for county policy regarding intensive livestock operations. April 1997 – December 1997.

Bluff Mountain Timber Sale. For the U.S. Forest Service, mediate deliberations of the Bluff Mountain Working Group to reach agreement on recommendations to the North Carolina Forest Supervisor regarding a timber sale in western North Carolina. Involves representatives from

forest industry, local and statewide environmental groups, and attorneys representing various appellants. January 1997 - April 1997.

Watershed Protection for the Neuse River Basin. Neuse River Basin Council to develop recommendations on watershed protection for the NC Department of Environment, Health and Natural Resources November 1995 - January 1996.

Gaston County Wellhead Protection Ordinance. Proposed policy recommendations to draft an ordinance for the protection of public community wells in Gaston County, NC. Gaston County Quality of Natural Resources Commission, 50-member, politically appointed stakeholder group representing varying interests in the county. November 1993 - July 1995.

Gaston County Clean Air Program. Proposed policy recommendations for implementation of the Federal Clean Air Act Amendments of 1990 in Gaston County, NC. Gaston County Quality of Natural Resources Commission. May - October 1992.

Non-Refereed Manuscripts and Videos

Smutko, L. S. (2011) "Understanding Irrational Negotiation Behavior: The Ultimatum Game," negotiationguidance.com, 14 October.

<http://negotiationguidance.com/2011/10/13/understanding-irrational-negotiation-behavior-the-ultimatum-game/>

Emerson, K. and L.S. Smutko. *UNCG Guide to Collaborative Competencies.* Policy Consensus Initiative and University Network for Collaborative Governance, Portland, OR, 2011.

Smutko, L.S. and M.L. Addor. *Natural Resources Leadership Institute Website.*
<http://www.ncsu.edu/nrli>.

Smutko, L.S. *Fisheries Disputes can be Mediated.* Two brochures, one targeted for public distribution, the other targeted for Division of Marine Fisheries use, providing information on the NC marine fisheries mediation program. April, 2008.

Smutko, L.S. *Planning for Change: An Overview of Land Use Planning.* Extension Fact Sheet on Land Use Education. 4pp. August 2007.

Smutko, L.S. *Negotiation and Collaborative Problem Solving: Working Effectively on Tough Community Issues,* Negotiation Guidebook for Citizens 37pp. May 2006.

Smutko, L.S, and M.L. Addor. *When Talk Works: Building Consensus on the Nantahala.* A training video on negotiation and collaborative problem solving. 20:01 min. March, 2005.

Smutko, L.S., and C.A. Perrin. *Working for the Watershed: A Partnership in North Carolina.* Training video for local watershed groups. 16:38 min. December 2002.

Smutko, L.S, S.K. Garber, and M.L Addor. *Workbook for the Natural Resources Leadership Institute Workshop and Practicum,* produced annually 1995 – 2009.

Smutko, L.S. and S.K. Garber and M.L. Addor. *Handling the Hot Issues Without Getting Burned: Working Effectively in an Arena of Conflict (Public Dispute Resolution and Participatory Decision-Making, Extension Training Workbook),* 5th edition. Sept. 2000. 123 pp.

Smutko, L.S. and S.K. Garber. *Handling the Hot Issues Without Getting Burned: Working Effectively in an Arena of Conflict (Public Dispute Resolution and Participatory Decision-Making, Extension Training Workbook),* 4th edition. May 1999. 118pp.

- Smutko, L.S. and S.K. Garber. *Public Dispute Resolution and Participatory Decision-Making, Extension Training Workbook*, 3rd edition. July 1998. 119pp.
- Smutko, L.S. and S.K. Garber. *Collaborative Community Problem Solving, Extension Training Workbook*, 2nd edition. March 1997. 122pp.
- Garber, S.K. and L.S. Smutko. *Community Collaborative Problem Solving, Extension Training Workbook*. February, 1996. 96pp.
- Smutko, L.S. *Gaston County, North Carolina: Working for a Quality Environment: Progress Report 1995*, Gaston County Quality of Natural Resources Commission, December 1995, 12pp.
- Smutko, L.S. *Watershed Protection in Gaston County: Conserving Land Resources for Cleaner Water*, Extension Brochure, February 1995, 2pp.
- Smutko, L.S. *Groundwater in Gaston County - A Hidden Treasure*. Extension Brochure, October 1994, 2pp.
- Smutko, L.S. *Watershed Protection in Gaston County - Conserving Land Resources for Cleaner Water*. Extension Brochure, June 1995, 2pp.
- Smutko, L.S. V.N. Cox, G.D. Jennings, and L.E. Danielson. *Watershed Planning Assistance Document*. ARE Special Rpt. No. 3. Dept of Ag. and Resource Economics, NC State Univ., Raleigh, NC. October 1993, 36pp.
- Smutko, L.S. *Gaston County, North Carolina... Working for a Quality Environment, Progress Report 1992*. Extension Report, May 1991, 14pp.
- Smutko, L.S. *Clean Water in Gaston County... We Depend on It!* Extension Brochure, April 1991, 2pp.
- Harman, W.A. and L.S. Smutko. *Clean Air in Gaston County... Don't Exhaust our Future!* Extension Brochure, October 1991, 2pp.
- Smutko, L.S. and L.E. Danielson. *NPDES Permit Notification and Hearing Process*. Extension Fact Sheet, February 1991, 1p.
- Smutko, L.S. *The Water Supply Watershed Protection Act, Proposed Watershed Protection Rules: Questions and Answers*. Extension Fact Sheet, October 1991, 6pp.
- Smutko, L. Steven and Leon E. Danielson. *NPDES Permit Notification and Hearing Process*. Extension Fact Sheet, February 1991. 2 pp.

Other Publications and Conference Proceedings

- Keske, C.M., L.S. Smutko, and C. Doyle. "Using Audience Response Systems to Assess Rural Stakeholder Preferences". Paper presented in "New West, Old West, What's Best?" Symposium for Western Agricultural Economic Association Annual Meeting. Kauai, Hawaii. June 26, 2009.
- Smutko, L.S. *Negotiating about Power: Hydropower Relicensing in North Carolina*. Popular Government. 70(3):15-23, School of Government, UNC-Chapel Hill, NC. 2005.
- Smutko, L.S. *Environmental Dispute Resolution Processes for Resource Conservation*. One North Carolina Naturally, Proceedings of the Environmental and Natural Resources Section North Carolina Bar Association, January 28, 2005.

Smutko, L.S., et al. *Public Issues Education – Increasing Competence, Enabling Communities*. National Public Policy Education Committee, Public Issues Education Competencies Task Force. Southern Rural Development Center. September 2002.

Smutko, L.S. "Framing Multi-issue Controversies: The Case of CAFO Policy" in Proceedings of the 1999 National Public Policy Education Conference, St. Paul, Minnesota, September 21, 1999.

Smutko, L.S. "Collaborative Processes in Public Policy: Local Moratoria on Intensive Livestock Operations in North Carolina"; in Industrialized Animal Agriculture, Environmental Quality, and Strategies for Collaborative Problem Solving and Conflict Resolution, Proceedings of a Regional Workshop. Southern Regional Information Exchange Group-10, Southern Rural Development Center and the Farm Foundation. May 22, 1997. pp. 43-52.

Brothers, G.L, L. Gustke, L.S. Smutko, and J.D. Murray. "Coastal North Carolina Tourism Research: A Review with Implications for the Future." In Proceedings of the Travel and Tourism Research Association Conference, June 14-19, 1997, Norfolk, VA.

Smutko, L.S. "Measuring the Regional Effects of Sustainable Development Alternatives. In Proceedings of the 2nd Eastern Shore Natural Resources Symposium, Oct. 21-Nov. 2, 1996, pp. 96-100.

Chen, R. J. C., G. L. Brothers, and L. S. Smutko . "Fall 1995 Economic Impact of Travel to the Blue Ridge Parkway, North Carolina", Travel and Tourism Research Association 27th Annual Conference Proceedings, Las Vegas, Nevada, June 16-19, 1996 pp. 313-316.

Harman, W.A. and L.S. Smutko. "Protecting Underground Water Supplies: A County-Wide Wellhead Protection Program." In The North Carolina Geographer, Vol. 4: 53-61, Winter, 1995.

Smutko L.S. and W.A. Harman. "Protecting Underground Water Supplies in Gaston County: A County-Wide Wellhead Protection Program." In The Tarheel Pipeline, North Carolina Rural Water Association, Spring, 1995, pp. 15-18.

Danielson, L.E., L.S. Smutko and G. D. Jennings. "An Assessment of Air, Surface Water, and Groundwater Quality in Gaston County, North Carolina." In Proceedings, Conference on Integrated Water Information Management, August 5-9, 1991, Atlantic City, NJ, pp. 101-107.

Smutko, L. S., L.E. Danielson and W.A. Harman. "Integration of a Geographic Information System in Extension Public Policy Education: A North Carolina Pilot Program." In Proceedings, fourth International Conference on Computers in Agricultural Extension Programs, Jan. 28-31, 1992, Orlando, FL. pp. 658-663.

Danielson, L.E. and L.S. Smutko. "Involving Local Citizens in Developing Groundwater Policy." In Proceedings, National Symposium on Future Availability of Ground-Water Resources, American Water Resources Association, April 12-15, 1992, Raleigh, NC, pp. 185-188.

Smutko, L.S. and L.E. Danielson. "An Evaluation of Local Policy Options for Groundwater Protection." In Proceedings, National Symposium on Future Availability of Ground-Water Resources, American Water Resources Association, April 12-15, 1992, Raleigh, NC, pp. 119-128.

Smutko, L.S. L.E. Danielson, J.M. McManus, and H.A. Devine. "Use of Geographic Information System Technology in the Delineation of Wellhead Protection Areas." In Proceedings, National Symposium on Future Availability of Ground-Water Resources, American Water Resources Association, April 12-15, 1992, Raleigh, NC, pp. 375-380.

Jennings, G.D., M.B. St. Clair, L.S. Smutko, L.E. Danielson, and H. A. Devine. "Water Quality of Rural Domestic Wells in Gaston County, North Carolina." In Proceedings, National Symposium on Future Availability of Ground-Water Resources, American Water Resources Association, April 12-15, 1992, Raleigh, NC, pp. 312-322.

Smutko, L.S. "Evaluating the Feasibility of Local Wellhead Protection Programs: Gaston County Case Study." In Proceedings, Groundwater and Associated Environmental Concerns, North Carolina Extension Service, March 17-18, 1992, Raleigh, NC. pp 37-41.

Zaslow, S.A., R.G. Bracken, and L.S. Smutko. "Residential Solid Waste Management." NC State Economist, NC Cooperative Extension Service, Division of Economics and Business, August/September, 1991.

Smutko, L.S. Microcomputer Applications in Agriculture; Lab Handbook and Study Guide, Departmental Publication, Dept. of Ag. Economics and Rural Sociology, Auburn University, AL, 1989.

Smutko, L.S. and J.A. Novak "Computers in Agriculture: Agricultural Teaching, Research, and Extension," Alabama Agribusiness, 27(3), January, 1989.

Research Reports

L. S. Smutko, M.L. Addor and C. Smith, Involving the Public in Park Planning: An Evaluation of the City of Raleigh's Park Master Planning Process. Research Rpt. to City of Raleigh. December 2008.

L.S. Smutko, Testing the Use of Mediation for Managing User Conflicts in North Carolina Fisheries. Sea Grant Research Project 06-FEG-1. October 2008.

Smutko, L.S. and L.A. Weller. The City of Asheville and Buncombe County Water Agreement: Analysis of a Failed Negotiation. Environmental Finance Center, UNC-CH School of Government. June 2007.

Addor, M.L., Christy Perrin and Steve Smutko. Lockwoods Folly River Watershed Public Participation Process: Scoping Report. Prepared for U.S. Army Corps of Engineer, Wilmington District. September 1998.

Smutko, L.S., D. Cherry, L.E. Danielson, T. Vukina, and N.M. White. Framework and methodologies for Estimating the Benefits From Erosion and Sedimentation Pollution Control. Prepared for NC Dept. of Environment and Natural Resources, October 1998.

Brothers, M. and L.S. Smutko. Economic Impacts of the 1996 Eastern Shore Birding Festival, a report for the Virginia Department of Environmental Quality's Coastal Resources Management Program, December 1996.

Margeson, L.M. and L.S. Smutko. Wellhead Protection in North Carolina: Teacher and Student Training Manuals. Prepared for the Groundwater Section of the Division of Environmental Management, NC Department of Environment, Health and Natural Resources, February 1995.

Smutko, L.S. Proposed Policy Recommendations to Draft an Ordinance for the Protection of Public Community Wells in Gaston County. Prepared for the Gaston County Quality of Natural Resources Commission, August 1995.

Brothers, M. and L.S. Smutko. Economic Impacts of the 1995 Eastern Shore Birding Festival, a report for the Virginia Department of Environmental Quality's Coastal Resources Management Program, December 1995.

Brothers, M. and L.S. Smutko. Economic Impacts of the 1994 Eastern Shore Birding Festival, a report for the Virginia Department of Environmental Quality's Coastal Resources Management Program, December 1994.

Peck, L.G. and L.S. Smutko. Funding Strategy for the Galveston Bay Comprehensive Conservation Management Plan, a report to the Galveston Bay National Estuary Program, Webster, TX, September 1994.

Margeson, L.W. and L.S. Smutko. Wellhead Protection in Gaston County, a report to the Gaston County Health Dept., Gaston County Quality of Natural Resources Commission, and the U.S. EPA, March 1994.

Hoag, D.L, L.S. Smutko, J.C. Chazal and L. Alter. Issues in Interpreting EMAP Findings for Policy Makers and the Public, final report to Environmental Monitoring and Assessment Program, U.S. EPA, Research Triangle Park, NC, February 1994.

Chazal, J. and L.S. Smutko. Economic Impacts of the 1993 Eastern Shore Birding Festival, a report for the Virginia Department of Environmental Quality's Coastal Resources Management Program, December 1993.

Smutko, L.S., L.E. Danielson, and T.G. Johnson. The Feasibility and Economic Potential of Sustainable Development for Northampton County, Virginia, a report to the Northampton County Board of Supervisors, Sustainable Development Task Force, December 1993.

Smutko, L.S., L.E. Danielson, and G.D. Jennings. Protecting Local Underground Water Supplies, The North Carolina Wellhead Protection Guidebook, a report to the North Carolina Division of Environmental Management, Groundwater Section, October 1993.

Chazal, J.C., L.G. Peck, V.N. Cox, and L.S. Smutko. Economic Characterization of the Albemarle-Pamlico Comprehensive Conservation Management Plan, Albemarle-Pamlico Estuarine Study Rpt. No. 93-16, NC Dept. of Environment, Health and Natural Resources, Raleigh, NC, Sept. 1993.

Levi, M.P., V.P. Aneja, S.W. Coffey, L.E. Danielson, H. Devine, T.J. Hoban, G.D. Jennings, D.E. Line, and L.S. Smutko. Natural Resource Quality in Gaston County, Phase 2: Implementation of Natural resource Education and Policy Development Programs, Final Report, a report to the Gaston County Quality of Natural Resources Commission, May 1992.

Smutko, L.S. and L.E. Danielson. An Evaluation of the Feasibility of Implementing the Draft North Carolina Wellhead Protection Ordinance, a final report to the North Carolina Division of Environmental Management, Groundwater Section, March 1992.

R.W. Russell, J. Crews, J.J. Molnar, L.S. Smutko, G.G. Ruffin, and P.A. Duffy Development of Alternative Beef Production Systems for the Southeast using Cotton and Poultry Industry Wastes, Southern Rural Development Center Report No. 95, July 1987.

L.S. Smutko and H.A. Clonts An Analysis of Alabama State Park User Fees and Charges, a report to the Alabama Dept. of Conservation and Natural Resources, June 1986.

H.A. Clonts, G.L. Brothers, L.S. Smutko and T.P. Barnes 1986 Alabama State Comprehensive Outdoor Recreation Plan, Draft Report, a report to the Alabama Dept. of Conservation and Natural Resources, May, 1986.

H.A. Clonts, G.L. Brothers, L.S. Smutko and T.P. Barnes Trends in Outdoor Recreation Participation in Alabama, a report to the Alabama Dept. of Conservation and Natural Resources, January 1986.

H.A. Clonts, L.S. Smutko, G.L. Brothers, and T.P. Barnes The Use and Operation of State Parks in Alabama, a report to the Alabama Dept. of Conservation and Natural Resources, December 1985.

Smutko, L.S., J.A. Leitch, R.K. Stroh, and L.E. Danielson. Landowner Attitudes Toward Wetland Preservation Policies in the Prairie Pothole Region, Agricultural Economics Misc. Rept. No. 78, North Dakota Agricultural Experiment Station, Fargo, September 1984.

Training Symposia, Conferences and Workshops Organized

Smutko, L.S. *Introduction to Collaborative Decision Making for Natural Resource Management and Policy*, ENR Summer Workshop Series, Cody, WY, August 14, 2012

Smutko, L.S. *Structured Decision Making for Natural Resource Management and Policy*, ENR Summer Workshop Series, Jackson, WY, August 8-9, 2012

Smutko, L.S., N. Burkardt, *Negotiation Skills for Natural Resource Management*, ENR Summer Workshop Series, Jackson, WY, June 26-27, 2012

Andersen, C., T. Malmsbury, and L.S. Smutko. *Strategic Communications for Natural Resource Professionals*, Cheyenne, WY, Sept 14-15, 2011.

Addor, M.L. and L.S. Smutko. *Essentials of Facilitating Controversial Public Issues*, Laramie, WY, August 18-19, 2011.

Smutko, L.S., and N. Burkardt. *Advanced Negotiation Skills for Natural Resource Professionals*, ENR Summer Workshops in Decision Making and Communication, Lander WY, August 11-12, 2011.

Smutko, L.S., N. Burkardt, *Negotiation Skills for Natural Resource Professionals*, ENR Summer Workshops in Decision Making and Communication, Sheridan, WY, August 18-19, 2010

Smutko, L.S., D. Hulme, J. Lovato, *Facilitating Controversial Public Issues*, ENR Summer Workshops in Decision Making and Communication, Lander, WY, June 23, 2010

Smutko, L.S. and M.L. Addor. "Natural Resources Leadership Institute." Series of six 3-day training workshops January-June, and two 1-day workshops in February and October, held annually since 1995.

Smutko, L.S. and L.A. Maguire. "Environmental Negotiation." A two-day negotiation training program targeted to environmental and natural resources professionals in the mid-Atlantic states. Durham, NC. May 2009.

Smutko, L.S. and L.A. Maguire. "Environmental Negotiation." A two-day negotiation training program targeted to environmental and natural resources professionals in the mid-Atlantic states. Raleigh, NC. July 2008.

Smutko, L.S. "Making Smart Decisions." In-service training for NC Cooperative Extension professionals, Various locations in NC, April – May, 2008.

Smutko, L.S. "Negotiation for Extension Professionals." In-service training for NC Cooperative Extension professionals, Various locations in NC, April – May, 2008.

Smutko, L.S., B. Stiftel, M.L. Elliot, G.B. Walker. "Environmental Decision Making: Connecting Research and Practice." Moderated session of the Policy Consensus Initiative Workshop on University Centers. West Palm Beach, FL. June 2007.

Moore, S., M. Megalos, and L.S. Smutko. “(Endangered Species) Recovery Credit System Workshop.” Organized and conducted participant workgroup sessions. Workshop sponsored by NCSU College of Natural Resources, US Department of Defense, and the NC Department of Environment and Natural Resources. Raleigh, NC. April 2007.

Maguire, L.A., L.S. Smutko, J.B. Stephens. “Creating Democratic Spaces to Influence Public Policy” Featuring Dr. Carolyn J. Lukensmeyer, AmericaSpeaks. Cosponsored by Duke University Nicholas School of the Environment and Earth Sciences, NC Cooperative Extension, and the UNC School of Government. An activity of the newly formed Triangle Universities Consortium on Collaborative Decision Making. Durham, NC. February 2007.

Smutko, L.S. “Testing the Use of Mediation in Managing User Conflicts in North Carolina Fisheries.” Training programs for mediators and state regulators in the use of mediation for resolving marine fisheries conflicts. New Bern, NC and Washington, NC. July and August, 2006.

Smutko, L.S. “Working Effectively on Tough Public Issues: Lessons in Public Issues Education” a four-day in-service training for NC Cooperative Extension professionals. Various locations in NC, Nov 2005 – June 2006.

Smutko, L.S., M.L. Addor, L.E Maguire, T.A. Steelman, J.B. Stephens. “Research Triangle Universities Symposium on Environmental Conflict Resolution.” Sponsored by NC State University, Duke University, and UNC-Chapel Hill, a one-day symposium investigating the current state of collaborative decision making in environmental policy and management. Raleigh, NC, February 10, 2006.

Smutko, L.S. “Negotiation and Collaborative Problem Solving in Hydropower Relicensing.” For American Whitewater, a one-day training conference for whitewater advocates, Norden, CA, October 17, 2005.

Smutko, L.S. and M.L. Addor. “Interest-Based Negotiation in Hydropower Relicensing.” For Alcoa Power Generating, Inc., a one-day training for 45 citizens involved in hydropower negotiations on the Yadkin River in North Carolina. September 2004.

Smutko, L.S. “Participatory Decision-Making and Public Dispute Resolution.” For the Clemson Institute for Economic and Community Development, a two-day training for 18 Extension professionals and six employees of the SC Department of Natural Resources. November 2003.

Smutko, L.S. and M.L. Addor. “Strategic Public Sector Negotiations: Conflict Resolution and Participatory Decision Making.” Participant Training Program for Bulgarian Delegation. In cooperation with US AID and World Learning, Raleigh, NC. June 2002.

Smutko, L.S. and M.L. Addor. “Catawba-Wateree Hydropower Negotiation Training.” A one-day conference and four 2-day regional workshops for citizens involved in hydropower relicensing decisions in the Catawba River basin. July-August 2003.

Smutko, L.S., M.L. Addor. “Carbon Sequestration in Peat Soils in North Carolina.” A consensus conference of scientists and land managers to make decisions on conserving/managing pocosins for sequestering carbon stocks and providing tradable carbon credits. Sponsored by the Conservation Fund and the U.S. Fish and Wildlife Service, December 2002.

Sachs, A., L.S. Smutko and J.B. Stephens. “Improving Public Decision-Making Through Participation: Leadership, Governance and Community” A statewide conference sponsored by NC Cooperative Extension, UNC-Chapel Hill Institute of Government, and the Orange County Dispute Settlement Center. Greenville, NC August 29, 2001; Hickory, NC September 13, 2001.

Libby, L.W., et al. "Protecting Farmland at the Fringe: Do Regulations Work? Strengthening the Research Agenda." Planning committee member. A National conference sponsored by the USDA NRI, Farm Foundation, Northeast Center for Rural Development, Western Center for Rural Development, and Ohio State University. Baltimore, September 5-7, 2001.

Smutko, L.S. "Handling the Hot Issues Without Getting Burned: Working Effectively in an Arena of Conflict" A 4-day training workshop for the Vermont USDA Conflict Management Team, February 29 – March 4, 2000.

Addor, M.L. and L.S. Smutko. "Building Grassroots Leadership: Engaging Your Community." A session of the North Carolina Grange Annual Conference, Raleigh, NC, October 8, 1999.

Carlson, C., L. S. Smutko, and J. B. Stephens, "Getting the Most out of Collaborative Stakeholder Processes." A workshop for North Carolina environmental and natural resource state agency leaders, September 2, 1999.

Hustedde, R. and L.S. Smutko. "Moving Mountains: Conflict Management Skills and Natural Resources." A 3-day training workshop of natural resource professionals and extension educators in Arkansas, Missouri, Oklahoma and Texas. Hot Springs, AR, March 10-12, 1999.

Favero, P., L.S. Smutko, J. Ayres, L.E. Danielson, K. Haaland C. Infanger. "National Symposium For Building Capacity In The Cooperative Extension System In Public Issue Dispute Resolution" Tucson, AZ, June 2-6, 1999.

Smutko, L.S. "Conflict Resolution and Participatory Decision-Making" A 1-day in-service training workshop for Extension Educators, Michigan State University, May 27, 1999.

L.S. Smutko, M.L. Addor and S.K. Garber. "Handling the Hot Issues Without Getting Burned, Working Effectively in an Arena of Conflict." A 4-day in-service training workshop for Extension Educators, Greensboro, NC May 4-7, 1999.

Smutko, L.S., S.K. Garber, L.E. Danielson, E.J. Jones, M.L. Addor and M.P. Levi. "Natural Resources Leadership Institute." Series of six 3-day training workshops January-June, and two 1-day workshops in February and September 1995-1999.

Smutko, L.S. "Conflict Resolution and Participatory Decision-Making" A 1-day in-service training workshop for Extension Educators, Michigan State University, May 27, 1999.

L.S. Smutko and S.K. Garber. "Handling the Hot Issues Without Getting Burned, Working Effectively in an Arena of Conflict." A 4-day in-service training workshop for Extension Educators, Greensboro, NC May 4-7, 1999; Charlotte, NC March 23-26, 1998; Kure Beach, NC, March 3-6, 1997; Montreat, NC March 24-27 1997.

Smutko, L.S. and S.K. Garber. "Public Issue Dispute Resolution and Participatory Decision-Making." A 4-day in-service training workshop for Extension Educators, Purdue University, January 27-30, 1998 and University of Wisconsin, July 23-26, 1998.

Hustedde, R., L.S. Smutko, and P. Ainsworth. "Public Conflict Resolution: Turning Lemons to Lemonade" Florida Extension Service, Orlando FL, April 28-29 1998

Smutko, L.S., J. Thompson. "Public Issue Dispute Resolution and Participatory Decision Making" Alabama Cooperative Extension Service Auburn University, Auburn AL, February 8-11, 1998

Smutko, L.S. and S.K. Garber. "Public Issues Facilitation." Extension Phase I Training (full day), McKimmon Center, Raleigh, Nov. 20 1997.

L.S. Smutko, L.E. Danielson, and C.L. Infanger. "Resolving Public Policy Disputes." Training workshop at the National Public Policy Education Conference, Charleston, SC, September 21 1997.

L.S. Smutko, and S.K. Garber. "Dispute Resolution and Public Policy Negotiation." Arkansas Natural Resources Leadership Program, Monticello, AR, June 6-9,1996.

Garber, S.K., and L.S. Smutko. "Collaborative Community Problem Solving." NC Cooperative Extension Service In-service Training Program, Raleigh, NC, February 5-8 1996.

Garber, S.K., and L.S. Smutko. "Negotiation and Collaborative Problem Solving." Open Grounds Farm Leadership Training Program, Beaufort, NC, January 30 1996.

Garber, S.K., and L.S. Smutko. "Negotiating Public Issues." Training workshop presented at NC Cooperative Extension Service Annual Conference, Raleigh, NC, November 1994.

Garber, S.K., and L.S. Smutko. "Public Issues Facilitation and Conflict Management." Training workshop presented at NC Cooperative Extension Service Annual Conference, Raleigh, NC, November 1993.

Smutko, L.S. "North Carolina's Wellhead Protection Program." A symposium organized as part of the Annual Conference of the North Carolina Chapter of the American Planning Association, Chapel Hill, NC, April 1993.

Smutko, L.S., L.E. Danielson, and G.D. Jennings. "Protecting Local Underground Water Supplies: A Wellhead Protection Workshop." A workshop organized with the NC Dept. of Environment, Health and Natural Resources, Raleigh, NC, January 12-13 1993.

Danielson, L.E., L.S. Smutko, W.K. Collins and D.G. Harwood. "Philip Morris Agricultural Leadership Program: Workshops in Environmental and Agricultural Policy." Raleigh, NC, January 4-7,1993.

Seminars, Trainings and Presentations

Smutko, L.S., N. Burkardt, A. Miles, S. Reed. *Relicensing Hydropower, What Have We Learned About Collaboration?* 2012 Environmental Conflict Resolution Conference, Tucson, AZ, May 23, 2012

Smutko, L.S. *Managing Conflict in a Changing Environment*, Western Extension Leadership Program, Jackson, WY, May 9, 2012

Smutko, L.S., M. Cantrel, M. Singleton, and S. Johnson, *Just Add Water: Restoring North Carolina's Mountain Streams Regulated by Hydropower Dams*, 2012 North Amer. River Mgt. Symposium, Asheville, NC, April 24, 2012

Smutko, L.S. *Building Collaborative Competence*, Wyoming Ag and Natural Resources Mediation Program Webinar, December 14, 2011

Smutko, L.S. *Facilitation and Effective Meetings*, Leadership Laramie, Laramie, WY December 13, 2011

Smutko, L.S. *Working Through Land Management Policy Issues: A Conflict Management Perspective*, in Changing Roles Webinar Series, USDA Forest Service, Southern Research Station, November 18, 2011

Smutko, L.S. *Practical Negotiation Strategies for Productive and Lasting Agreement*, Leadership Jackson Hole, Jackson, WY, November 9, 2011

Smutko, L.S. *Facilitating Public Policy Issues*. Conflict Resolution Day in Wyoming, Casper, WY, October 19, 2011

Smutko, L.S. and L. Singletary, *Public Dialogue about Difficult Issues: Marcellus and Beyond*, Penn State University Extension Training Workshop, State College, PA, August 4-5, 2011

Smutko, L.S. *Is Collaboration Good for the Environment?* The Murie Center Front Porch Speaker Series, Moose, WY, August 9, 2011

Smutko, L.S., K. Emerson, and J. Stephens, *Building Collaborative Competence*, Association for Conflict Resolution, Environment and Public Policy Section Conference, Portland, OR, June 30, 2011.

Smutko, L.S., K. Emerson, and R. Jones, *Collaborative Competencies for Public Managers and Planners*, University Network for Collaborative Governance, Portland OR, June 28, 2011.

Smutko, L.S., D. Hulme, J. Lovato, and J. Evers. *Development of a Coalbed Methane Permitting Strategy: A Collaborative Decision Process for a Protracted Dispute*, Energy Resources and Produced Waters Conference, Laramie, WY, May 25-26, 2010

Hansen, K., D. Peck, and L.S. Smutko. *Tradable Permits for Coalbed Methane Produced Water: A Potential Tool for Managing Wuanntity and Quality Issues in the Powder River Basin*. Energy and Produced Waters Conference, Laramie, WY, May 25-26, 2010

Smutko, L.S., Willis, W., Jones, R., E. Gonzalez, S. Giles, *Collaborative Competencies: Retooling Our Training Programs*, ECR 2010 National Environmental Conflict Resolution Conference, Tucson, AZ, May 25-27, 2010.

Penney, C., J.B. Stephens, L.S. Smutko, *Engaging Governments Through Leadership Development*, ECR 2010 National Environmental Conflict Resolution Conference, Tucson, AZ, May 25-27, 2010.

Smutko, L.S., and K. Emerson, *Collaborative Competencies for Public Managers and Planners*, University Network for Collaborative Governance annual meeting, Chapel Hill, NC, Feb 28-March 2, 2010.

Smutko, L.S. *Walking the Talk: Forging Links across Related Networks*, session organizer and moderator, University Network for Collaborative Governance 2008 Meeting, Nov 12, 2008

Smutko, L.S. *Managing Stakeholder Involvement for an Effective Tree Ordinance*, 2008 NC Urban Forestry Conference, Greensboro, NC, Sept 10; New Bern NC, Nov 17, 2008; Lenoir, NC Feb 23, 2009; Monroe, NC, Mar 16, 2009

Smutko, L.S. *Negotiation for Community Leaders: Concepts and Exercises in Principled Negotiation*, The Forum: Oktibbeha County Leadership Program, Starkville, MS, September 25, 2008. (Invited)

Smutko, L.S. *Involving Stakeholders in Tree Ordinance Development: Concepts in Participatory Decision Making*, Putting Trees to Work in Your Community: Regulating Trees and Working Open Space in Counties and Cities, NCSU Forestry Extension Workshop, Winston-Salem, NC, May 1, 2008. (Invited)

Smutko, L.S. *Making Collaboration Work: The Art and Science of Negotiation*, USDA-CSREES Water Quality Coordinators Leadership Seminar, Reno, NV, February 3, 2007. (Invited)

Smutko, L.S., M. Megalos, and G. van der Hoeven. *Tax and Regulatory Considerations for Your Land*, at the Keeping the Farm Workshop, Wake County Cooperative Extension, Raleigh, NC, January 30, 2008.

Smutko, L.S. *The Art of Public Policy Education*, an “In-Depth Session” at the NCAFCS Annual Conference, St. Paul, MN, September 18, 2007. (Invited)

Smutko, L.S. *Practical Negotiation Strategies for Productive and Lasting Agreement*, NCSU Commodity Leadership Development Program, Raleigh, NC, September 11, 2007. (Invited)

Smutko, L.S. *Working Effectively on Tough Public Issues: Lessons in Public Issues Education*, a two-day in-service training for Virginia Cooperative Extension professionals, Blacksburg, VA, March 28-29, 2007. (Invited)

Smutko, L.S. *Making Smart Decisions* a workshop on decision making (including risk and uncertainty) at Extension Annual Conference, Raleigh, NC, March 13, 2007.

Smutko, L.S. *The Art of Negotiation in Community Development*, Neighborhood Institute for Community Leadership, Winston-Salem, NC, November 3, 2006. (Invited)

Smutko, L.S. *Managing Land Use Conflict*, Western North Carolina Sustainable Communities Summit, Waynesville, NC, September 7, 2006. (Invited)

Smutko, L.S. *Building Negotiating Skills: Getting to Win/Win*, National Public Issues Leadership Development Conference, Crystal City, VA, April 24, 2006. (Invited)

Smutko, L.S. *Negotiation and Collaborative Problem Solving*, NC Chapter of the American Fisheries Society Training Workshop, Brown Summit, NC, January 31, 2006. (Invited)

Smutko, L.S. *Turning Lemons to Lemonade: Negotiation and Collaborative Problem Solving*. NCSU Ag Leadership Development Program, Raleigh, NC. December 8, 2005. (Invited)

Smutko, L.S. *Turning Lemons to Lemonade: Working Effectively on Contentious Public Issues*. The Great Smokies Community and Leadership Development Institute, Waynesville, NC. August 11, 2005. (Invited)

Smutko, L.S. *Implications for Outreach Education of an Exchange Perspective: The Natural Resources Leadership Institute Model*. AAEA Annual Meeting. Providence, RI. July 26, 2005.

Smutko, L.S. *Handling Scientific and Technical Information in Contentious Public Issues: A Public Issues Education Approach*. NC Cooperative Extension Annual Conference. Raleigh, NC. March 3, 2005.

Smutko, L.S. *Environmental Dispute Resolution Processes for Resource Conservation*. North Carolina Bar Association, January 28, 2005. (Invited)

Smutko, L.S. *Outreach Education for Watershed Protection: Science, Values, and the Quest for Objectivity*. Heartland Watershed Coordination Project, Nebraska City, NB. June 8-10, 2005. (Invited)

Smutko, L.S. *Interest-Based Negotiation in Hydropower Relicensing*. Catawba Hydropower Relicensing Conference. Rock Hill, SC. October 19, 2004. (Invited)

Smutko, L.S. and K.E. Haaland. *Handling Scientific and Technical Information in Contentious Public Issues: A Public Issues Education Approach*. National Public Policy Education Conference. St. Louis, MO. September 19, 2004.

Smutko, L.S. *Extension Policy Statements on Public Issues Education: Strengthening the Role of the University*. National Public Policy Education Conference. St. Louis, MO. September 19, 2004

Smutko, L.S. *Handling Scientific and Technical Information in Contentious Public Issues: a Public Issues Education Approach*. Southern Community Development Conference. Tampa, FL, May 2004.

Smutko, L.S., P. Corcoran, S. Daniels, and L. Singletary. *Public Issues Education: A Collaborative Learning Approach*. Workshop presented at the National Public Policy Education Conference, Salt Lake City, UT, September 21, 2003.

Smutko, L.S. *Controversial Issues: How to Get Involved Without Getting Embroiled*. National Association of County Agricultural Agents annual conference, Green Bay, WI, July 15, 2003.

Smutko, L.S. *Planning and Delivering Extension Programs on Controversial Public Issues*. National Public Issues Leadership Conference, Washington DC, May 5, 2003.

Smutko, L.S. and M.L. Addor. *Handling the Hot Issues in Extension*. 2003 North Carolina Cooperative Extension Conference., Raleigh, NC, March 4, 2003.

Smutko, L.S. and M.L. Addor. *Negotiation Skills for Natural Resource Professionals*. NC State University Forest Issues Forum, Video Teleconference Series. November 13, 2002.

Smutko, L.S. *Collaborative Problem Solving: Assessing the Situation and Collaborative Problem Solving: Framing the Issue*. Southern Region Community Development Institute, Southern Rural Development Center, Talladega, AL, September 2002.

Smutko, L.S. and K.A. Haaland. *Handling Scientific and Technical Information in Contentious Public Issues: a Public Issues Education Approach*. Strengthening Communities: Enhancing Extension's Role. A National Community Resources and Economic Development Conference. Orlando, FL, February 2002 and Mediation Network of NC Annual Conference, Greensboro, NC, June 2002.

Park, W.A. J. Bergstrom, L. Geyer, S. Mulholland, and S. Smutko. *What Role for Land Trusts in Protection of Agricultural and Open Space Land in the Southern Region?* Organized Symposium, SAEA Annual Conference, Orlando, FL. February 2002.

Community Conflict Resolution. CaRDI – USDA Community Development Training Institute. Orlando, FL, February 2002.

Smutko, L.S. *Participatory Decision Making*. Southern Institute for Rural Development. Athens, GA. November 5-8, 2001.

Smutko, L.S. *How About Somebody Else's Back Yard? Case Study - Mediating a Land Fill Siting Dispute*. North Carolina Bar Association Continuing Legal Education. Cary, NC. November 1, 2001.

Smutko, L.S. *Public Issues Education Facilitation Skills Workshop*. Cornell Cooperative Extension. Batavia, NY. October 30-31, 2001.

Tanya Denkla (VA), Mary Lou Addor, Steve Smutko, Marshall Breeze (FL), Nedra Chandler (MT) *Working Upstream: Preparing Stakeholders for Collaborative Problem Solving and Consensus Building Through Leadership Development*. Association of Conflict Resolution Annual Conference. Toronto, Ontario. October 10, 2001.

Smutko, L.S. *Dealing with Community Conflict*. Southern Region Community Development

Institute. New Braunfels, TX. May 5, 2001.

Smutko, L.S. and M.L. Addor. *How to Stay Involved Without Getting Embroiled: Public Dispute Resolution and Participatory Decision Making*. A 1-day in-service training workshop for the South Atlantic Sea Grant Region. Brunswick, GA. May 8, 2001.

Smutko, L.S. *Negotiation Skills for Collaborative Problem Solving*. Appalachian Society of American Foresters Leadership Workshop. Brown Summit, NC. February 20, 2001.

Smutko, L.S. and T.A. Feitshans. "Farmland Protection Tools." Albemarle, NC May 22, 2001; Monroe, NC February 13, 2001.

Smutko, L.S. *Collaborating with Nonprofit Organizations: Putting It Together*. Municipal and County Recreation Directors Conference. Research Triangle Park, NC. February 8, 2001. Steve Smutko

Smutko, L.S. and J.B. Stephens. *Managing Public Disputes*. Commission Board Chair Seminar, UNC Institute of Government. Raleigh, NC. January 24, 2001.

Smutko, L.S. "Stakeholder Assessment: A Key to Effective Citizen Participation." Sustainable Development: Building Quality Communities. A Southern Region Extension CRD conference, Nashville, TN, October 10-12, 2000.

Smutko, L.S. "Resolving Community Conflict." Session of the Southern Region Community Development Institute, Southern Rural Development Center, Canton, MS, June 12-16, 2000.

Garber, S.K. and Smutko, L.S. and. "Public Issue Dispute Resolution and Participatory Decision-Making." A 2-day training workshop for agricultural leaders sponsored by the Philip Morris Agricultural Leadership Program and North Carolina State University, Raleigh, NC, December 7-8, 1999.

Smutko, L.S. "Community Consensus-Building." A session of the Mid-South Community Development Institute, Tunica, MS, August 20, 1999.

L.S. Smutko. "Connecting People, Policy and Science in Resolving Controversial Environmental Issues." Presented at the North American Agro-Medicine Consortium, Raleigh, NC. September 28, 1999.

L.S. Smutko. "Connecting People, Policy and Science in Resolving Controversial Environmental Issues." Presented at the Community Development Society International Conference, July 26, 1999.

L.S. Smutko. "A Practical Approach to Controversial Waste Management Issues." Presented at the Southern Water Quality and Waste Management Conference, Raleigh, NC. April 19, 1999.

L.S. Smutko. "Sustainable Economic Development: Measuring the Economic Impact in Rural Communities." Great Smoky Mountain Ecotourism Workshop, Fontana Lodge, NC. July 27, 1998.

L.S. Smutko, R. Hustedde, and J. Thompson. "Resolving Natural Resource Disputes: Concepts And Case Studies." National Extension Natural Resources Conference, Brainerd, MN. May 20, 1998.

L.S. Smutko. "Public Issues Facilitation: Principles and Techniques." NC Division of Community Assistance Annual Meeting, Asheboro, NC, September 4 1997.

J.B. Stephens and L.S. Smutko. "Handling Controversial Public Issues: Principles and Case Studies." NC Association of County Commissioners Annual Meeting, Greensboro, NC, August 5 1997.

L. S. Smutko, L.E. Danielson, and C.L. Infanger. "Strategies for Collaborative Problem Solving and Conflict Resolution in Natural Resources and Environmental Issues." Southern Regional Information Exchange Group -10 (SRIEG-10), Atlanta, GA, May 22 1997.

L.S. Smutko, L. Sanders, and S. Williams. "Managing Controversial Issues in Extension." Southern Regional Water Quality Conference, Tulsa, OK, April 5 1997.

L.S. Smutko. "Handling the Hot Issues Without Getting Burned: Getting Involved in Public Disputes." Mid-Atlantic Sea Grant Advisory Service Annual Meeting, Salisbury, MD, January 17 1997.

L.S. Smutko. "Environmental Dispute Resolution." North Carolina Environmental Health Specialist Training Seminar, Raleigh, NC, November 6 1996.

Smutko, L.S. "Economic Impacts of Sustainable Development: Exploring the Options." Presented at NC Association of Landscape Architects and NC Urban Forestry Council 1996 Spring Conference, April 29 1996.

Garber, S.K., and L.S. Smutko. "Collaborative Community Problem Solving." Presented at NC Cooperative Extension Service Annual Conference, Raleigh, NC, November 1995.

Garber, S.K. and L.S. Smutko. "Public Issues Negotiation." Training workshop for the Philip Morris Advanced Leadership Program, Raleigh, March 9-10 1995.

Smutko, L.S. and A.B. Dotson. "Handling the Hot Issues Without Getting Burned: Environmental Conflict Resolution in Extension." Presented at What Works? Successful Water Quality and Waste Management Programming Conference, New Orleans, LA, June 1995.

Smutko L.S. "Improving Federal/State/Local Agency Coordination Using Negotiation, Facilitation and Conflict Resolution Skills," and "Increasing the Effectiveness of Public Involvement in the Scoping Process." Presented at 25th Anniversary Short Course on Advanced and Emerging Techniques for Improving NEPA Assessment, Fort Collins, CO, August 1995.

Garber, S.K., and L.S. Smutko. "Negotiating Public Issues." Training workshop presented at Philip Morris Agricultural Leadership Development Program, Raleigh, NC, June 1995.

Smutko, L.S. "Building a Sustainable Landscape: The Costs and Benefits of Non-Regulatory Land Protection." Presented at a conference sponsored by the NC Coastal Land Trust and the NC Coastal Federation titled "Community Economic Benefits from Land Conservation, Non-Regulatory Approaches to Coastal Resource Protection, Pine Knoll Shores, NC, November 1994.

Smutko, L.S. "Building a Sustainable Landscape: The Costs and Benefits of Non-Regulatory Land Protection." Presented at an annual meeting of the Conservation Trusts for North Carolina, Chapel Hill, NC, September 1994.

Smutko, L.S. "Nature-Based Tourism as a Sustainable Development Strategy." Presented at the NC Governors Conference on Travel and Tourism, New Bern, NC, March 1994.

Smutko, L.S. "Management Strategies for Groundwater Protection." Presented at American Planning Association, NC Chapter Annual Conference, Chapel Hill, NC, April 1993.

Smutko, L.S. "Ozone Nonattainment in Gaston County: Implication of the 1991 Federal Clean Air Act Amendments." Presented at Gaston County Elected Officials Seminar, Dallas, NC, March 1993,

Smutko, L.S. "Mediation and Conflict Management in Public Policy Issues." Presented at the Philip Morris Agricultural Leadership Development Program, Raleigh, NC, January 1993.

Smutko, L.S. "The North Carolina Wellhead Protection Program: Implications for Irrigators." Presented at NC Irrigators Annual Conference, Raleigh, NC, December 1992.

Smutko, L.S. "The Water Supply Watershed Protection Act: Putting the Rules to Law." Presented at NC Cooperative Extension Service Annual Conference, November 1992.

Smutko, L.S. "Public Issues and Methods." Presented at Philip Morris Agricultural Leadership Development Program, North Myrtle Beach, SC, January 1992.

Smutko, L.S. "Land Use Planning for Groundwater Protection." Presented at Groundwater and Associated Environmental Concerns, NC Cooperative Extension Service, February 19-20 1991, Raleigh, NC.

Smutko, L.S. and N.R. Martin "Teaching Microcomputer Applications in Agriculture", presented at the Conference of Southern Deans and Directors of Resident Instruction, Auburn, AL, April 1989.

Smutko, L.S. and H.A. Clonts "Application of Recreational User Fees as a Marketing Strategy", presented at the Southeastern Recreation Researchers Annual Conference, Asheville NC, February 1989.

Smutko, L.S. and H.A. Clonts "Segmentation of the Potential State Park Visitor Market in Alabama," presented at the Tenth Annual National Recreation and Park Association Leisure Research Symposium, September 1987.

L.S. Smutko and H.A. Clonts "The Effects of Media Advertising on Park Visitation", presented at the First National Symposium on Social Science in Natural Resources, Corvallis, Oregon, May 1986.

L.S. Smutko "Park User Fee Analysis: A Guide for Self Evaluation" presented at the Alabama Recreation and Park Society Annual Convention, January 1986.

G.L. Brothers and L.S. Smutko "Developing Alabama's Data Base for the 1985 SCORP", presented at the Alabama Recreation and Park Society Annual Convention, January 1985.

R.R. Rathge, F.L. Leistritz, R.A. Chase, and L.S. Smutko "Demographic Changes Associated with Energy Development Projects," presented at the 1982 meeting of the Population Association of America, San Diego.

Contract and Grant Awards

L.S. Smutko, \$17,500, WY Dept. of Enviro. Quality, UGRB Air Quality Citizens Advisory Task Force. December 2011.

L.S. Smutko, and S. Torbit, \$10,000, Turner Foundation for Greater Yellowstone Area Brucellosis and Bison Management Interagency Dialogue. May, 2011

L. S. Smutko and S. Torbit, \$15,000, Ladd Family Foundation for Greater Yellowstone Area Brucellosis and Bison Management Interagency Dialogue. August, 2011

L.S. Smutko, M.L. Addor. \$18,021, NC DENR, Ecosystem Enhancement Program. Transitioning to an Actual Cost Method for the EEP Nutrient Offset Program: A program for Engaging Stakeholders. December 2008.

L.S. Smutko, \$4,608, US Institute for Conflict Resolution. Situation Assessment for Facilitation Services for an Apalachicola-Chattahoochee-Flint River Basin Stakeholder Group. September 2008.

L.O. Taylor and L.S. Smutko, \$10,000. NCSU Office of Extension, Engagement, and Economic Development. Documenting Landscape Change in North Carolina: A Tool for Decision-Makers. July 2008.

L.S. Smutko and M.L. Addor, \$20,804, City of Raleigh, NC. Evaluation of the City of Raleigh's Park Master Planning Process. June 2008.

L.S. Smutko, S. Jakes. \$75,757. USDA-CSREES Southern Sustainable Agriculture Research and Extension Grant. Sustainable Agriculture in Virginia and North Carolina: A Multi-State Assessment of the Economic, Social, and Political Context. April, 2008.

M.L. Addor and L.S. Smutko. \$33,801. US Forest Service. Chattooga River Situation Assessment and Pre-NEPA Workshops. March 2007.

Perrin, CA, L.S. Smutko and L. Spzir. \$103,990. US EPA 319 Water Quality Grant, NC Division of Water Quality. Protecting Transylvania County Watersheds Through Education about Land Use Change Impacts on Water Quality, and Low-Impact Development. January 2006.

M.L. Addor and L.S. Smutko. \$12,572. Streamlining the Environmental Permitting Process for Local Roads: Designing and Facilitating a Collaborative Decision Process. NC Division of Water Quality. June, 2006.

L.S. Smutko. \$6,340. The Winston Salem Neighborhood Alliance: Development of a Tree Preservation Ordinance in Winston-Salem and Forth County, NC: Facilitating a Collaborative Decision. May 2006.

Milburn, L.A., D. Line, W. Hunt, J. Spooner, L. Smutko, C. Perrin. \$178,493. US EPA 319 Water Quality Grant, NC Division of Water Quality. Low Impact Development for Stormwater Management Guidance for North Carolina. January 2006.

L.S. Smutko. \$15,279. North Carolina Sea Grant Program: Testing the Use of Mediation in Managing User Conflicts in North Carolina Fisheries. March 2006

L.S. Smutko and M.L. Addor. \$43,290. NC Department of Transportation: Timely Delivery of Transportation Projects With Environmental Excellence: Federal/State Strategic Planning. August 2005.

L.S. Smutko. \$45,680. Charles Stewart Mott Foundation; Building Leadership for Hydropower Relicensing in the Carolinas. December 2002.

L. S. Smutko. \$10,604. NC DENR. Decision Making Assistance to the Tar-Pamlico Stormwater Rule Model Local Program Development Group. October 2002.

C.A. Perrin and L.S. Smutko. \$5,000. USDA Rural Resource Recovery Act funds; Collaborative Planning for Watershed Coalitions Training Video. June 2002.

L. S. Smutko, \$200,000. Ford Foundation; Building Community Leadership on Environmental Justice Issues in North Carolina. May 2002.

L. S. Smutko, \$41,580; Duke Power Company; Facilitation of FERC Relicensing Stakeholder

Teams in the Tuckasegee and Nantahala River Basins. May 2002.

L. S. Smutko and M.L. Addor. \$35,000. NC Rural Economic Development Center. Building the Infrastructure for the North Carolina Community Solutions Network. April. 2002.

L. S. Smutko, \$5,000. Farm Foundation. Public Issues Education Competency Task Force. June 2001.

L. S. Smutko, M. Dorsey, M. Culik, and S. Peters. \$20,000. Engaging Community and University Through Public Issues Education. USDA Innovations Fund. April 2001.

L. S. Smutko, \$25,282. NC DENR; Decision Making Process Design and Facilitation for Riparian Buffer Protection in the Catawba River Basin. November 2000.

L. S. Smutko, \$14,020; U.S. Dept. of the Interior, U.S. Fish and Wildlife Service; Public Participation Process Design and Facilitation for piping Plover Critical Habitat Designation in North Carolina. July 2000.

L. S. Smutko, \$3,000; Rural Resource Recovery Act funds; Delivery of in-service training on public issue dispute resolution and participatory decision-making. May 2000.

L. S. Smutko and N.M. White; \$13,000; Community Resource Development funds; Training and materials development for NC Extension Community Planning Assistance Team. May 2000.

L. S. Smutko, \$11,659; NC DENR; Facilitation of the Statewide Wetlands and Streams Management Strategy Advisory Committee. January 2000.

L.S. Smutko, \$6,118; NC DENR; Facilitation of Central Coastal Plain Capacity Use Area Rule Negotiations. November 1999.

L.S. Smutko, \$11,972; NC DENR; Undertaking Phase III of the North Carolina Stormwater Program Dialogue. November 1999.

M.L. Addor and L. S. Smutko, \$1,000; NC Division of Forest Resources, Facilitation of the Forest Legacy Strategic Plan. June 1999.

L. S. Smutko, M.L. White, and L.E. Danielson. \$3,000; Community Resource Development Funds; Steering Committee for an Extension Training Initiative in Land Use Issues. March 1999.

L.S. Smutko; \$4,000; Rural Resource Recovery Act Funds; Deliver Extension in-service training on public dispute resolution and participatory decision-making. March 1999.

L. S. Smutko, L.E. Danielson, M.L. Addor and N.M. White. \$15,390; US Army Corps of Engineers; Lockwoods Folly River Public Participation Scoping Process. October 1998.

L.S. Smutko and L.E. Danielson, \$5,503; USDA Community Resource Development funds; Estimation of Economic and Fiscal Impacts of Land Use Development Activities. February 1998.

L. S. Smutko and S.K. Garber, \$23,892; NC Division of Water Quality; A Negotiated Approach to Developing Draft Rules for the Reduction of Nitrogen Loading in the Tar-Pamlico Basin. October 1998.

L. S. Smutko, \$3,157; NC Division of Water Quality, Facilitation of the Neuse River Buffer Rule Negotiations. July 1998.

L. S. Smutko and M.L. Addor, \$15,280; NCSU Forestry Foundation; North Carolina Wood Chip Production Study Public Participation Component. July 1998.

L.S. Smutko, \$150,000; NC Cooperative Extension Service Program Enhancement Funds;

Develop an Extension program in public issues dispute resolution and participatory decision-making, and continuation of the Natural Resources Leadership Institute. July 1997.

L. S. Smutko, L.E. Danielson, N.M. White, T. Vukina, and D. Line, \$24,500; NC Department of Environment and Natural Resources; Concept Paper on Methodologies to Estimate the Benefits of Sediment and Erosion Control.

L.S. Smutko and L.E. Danielson, \$5,503; Community Resource Development Funds; Estimation of Economic & Fiscal Impacts of Land Use Development Activities.

N.M. White, L.E. Danielson, and L.S. Smutko, \$12,825 from Rural Resource Extension Act Funds; Evaluation of Policy Options

L. S. Smutko and L.E. Danielson, \$9,500; Gaston County Quality of Natural Resources Commission; Natural Resource Quality in Gaston County: Education Program Planning and Policy Development (Phase 7).

L.S. Smutko \$4,950 from Rural Resources Extension Act funds; to fund the participation of three county Extension personnel in the Natural Resources Leadership Institute.

L.S. Smutko and J. Platt, \$9,111 from SMP Project Fund; Fiscal Impact Analysis of Land Use Types in the White Oak River Watershed.

R.J. Hustedde (University of KY) and L.S. Smutko, \$13,700 from the Southern Rural Development Center; Strengthening Rural Community Leadership: An Extension Program for Public Conflict Resolution.

L. S. Smutko and L.E. Danielson, \$11,500; Gaston County Quality of Natural Resources Commission; Natural Resource Quality in Gaston County: Education Program Planning and Policy Development (Phase 6).

S.K. Garber, L.E. Danielson, and L.S. Smutko \$3,000; Community Collaborative Problem Solving.

L. S. Smutko and L.E. Danielson, \$15,000; Gaston County Quality of Natural Resources Commission; Natural Resource Quality in Gaston County: Education Program Planning and Policy Development (Phase 5).

L. S. Smutko and L.E. Danielson, \$25,000; Gaston County Quality of Natural Resources Commission; Natural Resource Quality in Gaston County: Education Program Planning and Policy Development (Phase 4).

L. S. Smutko and L.E. Danielson, \$35,000; NC Department of Environment, Health and Natural Resources; Provision of Technical Assistance to Local Governments in Establishing Groundwater and Wellhead Protection Programs.

L. S. Smutko and L.E. Danielson, \$25,000; Gaston County Quality of Natural Resources Commission; Natural Resource Quality in Gaston County: Education Program Planning and Policy Development.

Teaching

ENR/AGEC 4700/5799 – Negotiation Analysis, 3Cr. UW. Fall Semester since 2010

ENR 3000 – Approaches to ENR Problem Solving, 3 Cr. UW. Fall Semester 2012

ENR 3900 – Environmental Conflict Resolution, 3 Cr. UW. Fall Semester 2011

ENR 5900 – ENR Assessment Practice, 3 Cr. UW Spring 2010 and 2011. Part of teaching team.

ECG 830 – Guided Independent Study, 3 Cr. NCSU. Fall 2007. Negotiation Analysis

ECG 630 – Guided Independent Study, 3 Cr. NCSU. Summer 2006. Negotiation Analysis

ECG 830 – Guided Independent Study, 3 Cr. NCSU. Fall 2005. Negotiation Analysis

ECG 630 – Guided Independent Study, 3 Cr. NCSU. Summer 2002. Collaborative Decision Making.

NR 400-500 – Natural Resource Management, NCSU. Spring 2002. Part of a teaching team.

Guest Lectures:

PRT 503 – Economics of Recreation. NCSU. (Economic impact modeling) Spring 1997-2001.

ENR 5000 – Approaches to ENR Problem-Solving, UW (Public Participation and NEPA) Fall 2010, 2011.

ECOL 5550 – Professions in Ecology (Intro to Principled Negotiation) Spring 2011, 2012

LAW 6915 – Natural Resources Law Practicum (Intro to Principled Negotiation) Spring 2011, 2012

ENR/AGEC 4500 – Risk Analysis (Application of Risk in Negotiation) Fall 2011

Extension Courses Developed

Multi-criteria Decision Analysis: Helping Stakeholders Solve Complex Problems. 2.5 contact hours. Taught since 2009.

Making Smart Decisions: Decision Making for Critical Choices. 4 contact hours. Taught since 2007.

Negotiation for Extension Professionals: Concepts and Exercises in Principled Negotiation. 7 contact hours. Taught since 2007.

Handling Scientific and Technical Information in Contentious Public Issues: A Public Issues Education Approach. 7 contact hours. Taught since 2004.

Handling the Hot Issues without Getting Burned: Extension's Role in Public Issues Education. 24 contact hours. Taught since 1997.

Editorial Boards

Journal of Community Engagement and Scholarship, July 2008 – July 2011.

Journal of Extension, March 2010 – present.

Other Journal Reviews, Research Reviews and Review Committees

- UW College of Agriculture and Natural Resources, AES Competitive Grants Review Panel. November 2011.
- *Policy Sciences, Environmental Management*
- NOAA Saltonstall-Kennedy Research Grant Program. (Served as reviewer for one proposal). December 2008.
- Social Sciences and Humanities Research Council of Canada. Standard Research Grants Program (Served as reviewer for one proposal). January 2008.
- National Association of Community Development Extension Professionals (NACDEP), 2005 Meeting Session Proposal Review. October 2005.
- USDA ERS Program of Research on the Economics of Invasive Species Management (PREISM) Proposal review panel. May 2005.
- USDA CSREES-NRE Integrated Research, Education and Extension Water Quality Project Proposal review panel. June 2001.
- National Community Resources and Economic Development (CRED) Conference. Proposal review panel for workshops, research roundtables, and poster sessions for “Land and Natural Resource Use.”

Honors and Awards

- Gold Award (1st place) in short publication category awarded by the Association of Natural Resources Extension Professionals for *Public Issues Education: Increasing Competence, Enabling Communities*. August 2003.
- 2000 North Carolina Association of Cooperative Extension Education Specialists Education Award in recognition of outstanding service and leadership for the Natural Resources Leadership Institute
- Outstanding Achievement in Public Issues Education Award, Farm Foundation and the National Public Policy Education Committee 1998.
- 1998 North Carolina Association of Cooperative Extension Education Specialists Education Award in recognition of outstanding service and leadership in the area of Public Policy Education

Professional Service on Campus

- Graduate Committee, UW Dept. of Agricultural and Applied Economics, appointed September 2011.
- Sheridan Research and Extension Center Planning Committee, UW College of Agriculture and Natural Resources, appointed October 2010.

- Faculty Advisory Committee, UW Haub School of Environment and Natural Resources, appointed February 2010.
- Co-Chair, NC State University Community and Economic Development Institute Task Force, appointed January 2009.
- Co-Chair, NC Cooperative Extension CRD Long Range Planning Committee, appointed July 2005.
- NC Cooperative Extension Change Management and Marketing Initiative, Program Action Team Co-Chair, appointed June 2005.
- Faculty Advisory Board, Watershed Education for Communities and Local Officials (WECO), NC State University since September 2004.
- Co-Leader, NC Cooperative Extension Community Planning Assistance Team. 1999 – 2000.
- Computer Committee, Dept. of Agricultural and Resource Economics, NC State University. 1999 – present.

Professional Service Off Campus

- Vice Chair, University Network for Collaborative Governance, appointed April 2011.
- UNC Coastal Studies Institute, NC State University Liaison, 2007 - 2009.
- UNC Coastal Studies Institute, Science Coordinating Committee, 2006 - 2009.
- Chair, National Association of Community Development Extension Professionals (NACDEP) Resolutions and Policy Committee. 2006 - 2009.
- National Association of Community Development Extension Professionals (NACDEP) Membership Services Committee. 2005.
- Albemarle-Pamlico National Estuary Program Science & Technical Advisory Committee, appointed 2004.
- Faculty member, Southern Rural Development Center, Community Development Institute, 2000-2002.
- Chair, National Public Policy Education Committee, Public Issues Education Competencies Task Force, 1999-2002.
- National Public Policy Education Committee, Public Issues Education Subcommittee, 2002 – 2005.
- Science and Technology Center for the Analysis and Prediction of River Basin Environmental Systems, External Advisory Board. Duke University, Columbia University, University of Georgia, University of North Carolina, Utah State University, North Carolina State University. 1999.
- North Carolina Forest Legacy Review Committee. 2000 – 2009.

Community Activities and Leadership

- Chair, Town of Cary Parks, Recreation, and Cultural Resources Advisory Board, Town of Cary, NC. 2006 – Present
- Town of Cary Environmental Advisory Board (Liaison with Parks Board), Cary, NC. 2008.
- Co-Chair, Cary Teen Advisory Committee, Cary Parks, Recreation, and Cultural Resources, Town of Cary, NC 2005 - 2007
- Committee member, BSA Crew 202, Occoneechee Council, Cary, NC. 2004-2005.
- Assistant Scout Master, Boy Scout Troop 202, Occoneechee Council, Cary, NC. 2001-2004.
- Committee member, Boy Scout Troop 202, Occoneechee Council, Cary, NC. 1999-2001.