

CURRICULUM VITA

NAME: William G. Hubbard

DEPARTMENT: Extension Administration, The University of Georgia

CURRENT TITLE: Southern Regional Extension Forester

CURRENT RANK: Senior Public Service Associate

DATE RANK EFFECTIVE: July 1, 2005

CONTACT INFORMATION:

Home: 250 Riverbottom Road, Athens, GA 30606,

hubbard250@charter.net, phone: (706) 548-8947.

Business: 4-402 Forest Resources Building, The University of Georgia,
Athens, GA 30602, whubbard@uga.edu, (706) 542-7813.

1. EDUCATION:

Doctor of Philosophy (in process – 42/58 credit hours earned, 4.0 GPA)

The University of Georgia, Department of Adult Education, College of Education.

Accepted into Program: Fall 2002. Expected completion: Summer 2006.

Proposed Dissertation Topic: *Factors Affecting Forest Landowners' Motivations to Learn and Practice Sustainable Forestry.*

Master of Science

The University of Florida, School of Forest Resources & Conservation - 1987

Forest Economics Emphasis

Thesis: *Estimating the Profitability of Returns to Private Forest Landowners Receiving Professional Forestry Assistance in Northeast Florida.*

Bachelor of Science

The University of Florida, School of Forest Resources & Conservation - 1985

Forest Management

2. PROFESSIONAL DEVELOPMENT:

2002 FORPLAN – Forestry Planning Computer Programming, Athens, GA

2000 Introduction to Geographic Information Systems, Athens, GA

1997 The Forest-Based Economic Development Academy, Birmingham, AL

1996 Management Policy Seminar, Washington, DC (Delegate selected by the USDA FS)

1995 The Power of Collaboration Facilitation Training, Greensboro, NC

1994 Education and Communication Applications in Natural Resources, Athens, GA

3. PROFESSIONAL APPOINTMENTS:

August 1993 – Present

Southern Regional Extension Forester (SREF)

Cooperative Extension Service - Southern Region

The University of Georgia

Athens, GA

Liaison to 13 Southern 1862 University Land Grant Universities and the USDA Forest Service – Southern Region. Responsibilities include regional educational programming and enhanced communication and coordination of information and activities across states and agencies in the areas of forestry and natural resource management.

July 1988 – July 1993

Extension Specialist and Instructor – Forest Management

School of Forest Resources and Conservation

The University of Florida

Gainesville, FL

Extension responsibilities included state-level programming leadership in the areas of forest management, taxation, forest stewardship, and urban and community forestry. Teaching responsibilities included courses in forest management, forest economics and computer applications in natural resource management.

December 1987 – June 1988

Staff Forest Economist

School of Forest Resources and Conservation

The University of Florida

Gainesville, FL

Research responsibilities included working with forest economics faculty on timber supply and demand models, private forest management policy and public lands issues.

4. ACADEMIC SERVICE:

Service to the College of Agriculture and Environmental Sciences, The University of Georgia

2004 – Member, Urban Agriculture Advisory Committee

2000 Facilitator, District ANR Program Leaders Planning Effort

2000-present Liaison to the Forest Landowners Association

2000-present Liaison to the Georgia Forestry Association

2003-2004 Member, Extension Delivery Task Force

1993-2003 State 4-H Contest Forestry and Wood Products Judge

Service to the Daniel B. Warnell School of Forest Resources, The University of Georgia

2000-present Member, Forestry/Wildlife Outreach Committee
2000 Facilitator – Georgia Prescribed Burning Council
1996 Search Committee Member, Public Service Faculty Member

5. PROFESSIONAL SERVICE:

International Service:

2005 Chinese delegation host partner (organized by Dr. Ben Jackson). Athens, GA.
2004 Afghanistan forestry and natural resources field day and conference, Athens, GA (conference organizer).
1998 Internet Tools Café Coordinator, International Society of Arboriculture, Birmingham, England (August, 1998)
1991 Member, USAID Contractor, Zaire, Africa (March/April, 1991)

National Service:

2003-2005 Member – National Operating Committee – National Tree Farm System
2003 Book Reviewer – Positive Impact Forestry, Island Press (2004)
2002-2004 Member – Renewable Resources Extension Act Strategic Planning Committee
2001-2003 Member – Strategic Planning Council of the Extension Committee on Organization and Policy
1998-2004 Member – Association of Natural Resources Extension Professionals (ANREP) Board of Directors and Conference Planning Committees
2002 - 2004 Member – Advisory Committee – National Web-based Center for Nonfederal Forest and Rangelands (Marketing and Strategic Planning Subcommittees)
2000-present Member – Communications Committee – National Society of American Foresters
2001 Past-President, Association of Natural Resource Extension Professionals
2000 President, Association of Natural Resource Extension Professionals
1999 President-Elect, Association of Natural Resource Extension Professionals
1995 Member - American Forest and Paper Association Landowner Assistance Program Subcommittee
1994-2004 Member – National SAF/Extension Foresters Annual Meeting Planning Committee
1994-2002 Member, National Support Team - Natural Resources & Environmental Management Base Program
2000 Communications and Publicity Chair, Southern Forest Science Conference
2000-2001 Extension Committee Member - Coalition for Sustaining America's Nonfederal Forests – National NAPFSC Committee
1998,1999 Chairman, Board of Directors, Forest Resources Systems Institute (FORS)
1997,1998 Southern Chair – Association of Natural Resource Extension Professionals

1995-2000 Chair, Communications Committee, Assoc. Nat. Res. Ext. Prof.
 1995-2000 Member, Board of Directors, Forest Resources Systems Institute
 1995-1997 Southern Regional Editor – The Forest Steward Newsletter
 1993-present Regional Editor – National Woodlands Magazine
 1993-1998 Member, Forest Industry Training and Education Council (FITEC)
 1998 Member - Scoping Committee - Barriers and Needs in Forest Certification Outreach
 1997,1998 Member - Program Committee - 1st National Extension Natural Resource Professionals Meeting
 1997 Member - Planning Committee, Program Committee - 8th National Urban Forestry Conference
 1997 Member - Program Committee - Nonindustrial Private Forest Landowner Conference
 1996-1998 Member - Awards Committee - NREM Flagship Programs of the Extension Service
 1996 Member - Planning Committee - SAF Ecosystem Management Videoconference and Sustainable Forestry Videoconference

Regional Service

2004 Forum Facilitator – Southern USDA Forest Service Centennial Forum on Forest Management and Research
 2004-2005 Board Member – Southern Alliance for the Utilization of Biomass Resources
 2003-present Member – Steering Committee – Southern Roundtable on Sustainable Forests
 2000–present Member, Southern Wildland-Urban Interface Council
 2004 Guest Editor – Southern Journal of Applied Forestry
 2004 Editor – Southern Regional Extension Forestry Publication Series
 2002 Guest Editor – Southern Journal of Applied Forestry
 1998 Member - Program Committee - Southern Forest Sustainability Conference
 1998 Member - Program Committee - Southern Forest Landowner Conference
 1997,1998 Member - Program Committee - Longleaf Pine Alliance Conference
 1993-present Chair, Southern Regional Extension Forestry Awards Program
 1993-1997 Rural Development Proposal Reviewer (USDA Forest Service)
 1996 Co-chair - Planning Committee - Southern Forestry GIS Conference
 1994 Chair - Planning Committee - Education and Communication Applications in Natural Resource Management
 1989-1993 Vice Chair - Southern Extension Forest Resource Specialists

State Service:

2002 Southeastern (Georgia) Society of American Foresters – Symposium Chair
 2000-present Member, Georgia Master Tree Farmer/Master Wildlifer Planning Committee
 1998 Facilitator Texas Forest Service - Texas Forest Summit
 1993-1997 Member - Georgia Center for Continuing Education Forestry Committee, The University of Georgia
 1992,1993 Chair, Florida SAF Policy and Legislation Committee

- 1992 Member - Search and Screen Committee - Assistant Professor - Forest Management, University of Florida
- 1990-1992 Member - University of Florida/Florida A&M University Matriculation Committee
- 1991, 1992 Florida Section Society of American Foresters Secretary/Treasurer
- 1990 Chair, Annual Florida SAF Conference
- 1990-1993 Florida Continuing Education (CFE) Contact, Society of American Foresters
- 1989, 1990 Florida Society of American Foresters Student Chapter Advisor
- 1988-1993 Urban Forestry Grant Proposal Reviewer (Florida Division of Forestry)

6. COMMUNITY SERVICE

- 2003-2005 Cub Scout Leader, Pack 326, St. Joseph Catholic Church
- 1996-2002 Athens-Clarke County Urban Tree Advisory Committee
- 1996-present Athens-Clarke County Urban Forestry Education Council (Lunch Bunch)
- 1993-present Active member, St. Joseph Catholic Church Parish (Sunday School teacher, committee membership, etc).

7. CONFERENCE/SHORTCOURSE LEADERSHIP:

- 2004-05 Forestry for Non Foresters Shortcourse (offered twice) (Program Co-Director)
- 2000-05 Regional Master Tree Farmer/Master Wildlifer Program Regional Satellite videoconference shortcourses (Co-Coordinator)
- 2003 Southern Extension Natural Resources Triennial Conference (Program Chair)
- 2002 New Dimensions for the New Millennium – Urban & Community Forestry Satellite Shortcourse for Professionals (Co-Coordinator)
- 2002 Slash Pine Symposium – Florida-Georgia SAF Symposium (Conference Chair)
- 2002 Southern Forestry Geographical Information Systems Conferences (Conference Co-Chair)
- 2002 Coordinator – Forest Certification – A Forest Landowner Update – Regional satellite broadcast for forest landowners.
- 2002 FORPLAN Training for Forestry Professionals (Coordinator)
- 1991-99 Urban Forestry Institute – University of Florida – (Co-Director)
- 1998 GIS Training for Forestry Professionals (Coordinator)
- 1998 Southern Forestry Geographical Information Systems Conferences (Conference Co-Chair)
- 1997 Southern Forest-Based Economic Development Academy. (Conference Chair)
- 1996 Southern Forestry Geographical Information Systems Conferences (Conference Co-Chair)
- 1996 Southern Extension Natural Resources Triennial Conference (Program Chair)
- 1995 Education and Communication Applications in Natural Resource Management Conferences (Conference Chair).

8. PUBLICATIONS

a. Papers in Refereed Journals

Jackson, B., B. Hubbard, M. Habecker, M. Kroenke, S. Traaholt, V.S. Brown., (2004). Members Evaluate their Association of Natural Resource Extension Professionals (ANREP). *Journal of Extension* December 2004. 42(6).

Kennard, D.K., Rauscher, H.M., Flebbe, P.A., Schmoltdt, D.L., Hubbard, W.G., Jordin, B., Milnor, W. H. (2005). Using Hyperdocuments to manage scientific knowledge: the prototype Encyclopedia of Southern Appalachian Forest Ecosystems. *Forest Ecology and Management* 207(1-2): 201-213.

Duryea, Mary L., W.G. Hubbard, G.M. Blakeslee and R.S. Vasquez. (1996). Wind and Trees: A Survey of Homeowners After Hurricane Andrew. *Journal of Arboriculture*. (22)1:44-49.

Hubbard, W.G. and R.C. Abt. (1989). The Effect of Timber Sale Assistance on Returns to Landowners. *Resource Management and Optimization* (Volume 6(3)), pp. 225-234. Harwood Academic Publishers.

b. Refereed Monographs

Hubbard, W.G. (2001). Forest-Based Economic Development Opportunities in the South. Southern Perspectives Series – Southern Rural Development Center. Number 20, July 2001.

c. Peer Reviewed Book Chapters

Hubbard, W.G. and D. Hoge. (2004). Managing Nonindustrial Private Forests at the Interface. In S. W. Vince, M. L. Duryea, E. A. Macie, and L. A. Hermansen (Eds.), *Forests at the Wildland-Urban Interface: Conservation and Management*. CRC Press.

Hubbard, W. G. (2000). Developing a Restoration Plan That Works in M.L. Duryea, E. Kampf Binelli, and L.V. Korhnak, (Eds.). *Restoring the Urban Forest Ecosystem*. School of Forest Resources and Conservation, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida. Publication SW-140. Please visit the EDIS Web site at <http://edis.ifas.ufl.edu>.

d. Proceedings Papers

Hubbard, W.G. and Jackson B. D. (2004) (in review) Minority Opportunities in Extension. Proceedings Paper. USDA Forest Service GTR.

Hubbard, B. and Sather, I. (2003). Regional Technology Transfer Opportunities in Urban and Community Forestry. In C. Kollins. (Ed.), *Engineering Green: 2003 National Urban Forest Conference*. Washington, DC: American Forests.

Jordin, J.B., Hubbard, W.G., Kennard, D.K., Milnor, W.H., Rauscher, H.M. and Veal, B.E. (2003). Using the Zope Web Application Framework to Build and Manage a Large Encyclopedia of Scientific Knowledge. In T. Innis (Ed.), *Natural Resource Information Management Forum: Putting Knowledge to Work*. Kamloops, BC: FORREX–Forest Research Extension Partnership.

Hubbard, W. G. and R. C. Abt. (1988). Timber Sale Characteristics and Their Influence on Stumpage Prices in Northeast Florida. In: Proceedings of the 1988 Southern Forest Economics Workshop. University of Florida, Gainesville. 10 p.

e. Popular Press, Trade, Association or Other Articles

Hubbard, W.G. A Timber Update for the South. Economic Overview & Agricultural Outlook 2004-2005. AgFirst Farm Credit Bank Publication.

Hubbard B., Glover, G., Johnson, J., Jenkins, D., Ross, W., Kessler, G., and Hughes, G. (2003). Forest Landowner Education Programs: These aren't just your Daddy's farm field days! *Forest Landowner*. (62)2. 10-15.

Jackson, B., Hubbard, B., Stringer, J., and Dillaway, D. (2003). A Look at County and Municipal Timber Harvesting Ordinances rules, regulations, and the landowner. *Forest Landowner*. (62)2. 42-45.

Hubbard, B. and B. Jackson. (2001). Extension Forestry: Knowledge at Work in the 21st century. *Forest Landowner*. Vol 6 (3):5-10.

Hubbard, William. (1997). Forest Landowners Plus Reforestation Equals Equation for Success! *Forest Landowner*. (56)5.

Hubbard, Bill. (1997). Extension Forestry Resources. *Forest Landowners Association Biannual Manual*.

Hubbard, W. G. (1997). Management Assistance for a Better Forestland Investment: A Review of Select Types of Assistance Available to the Forest Landowner. *Forest Landowner*. 56(1).

Hubbard, Bill and D. Hoge (1996). The 1996 Farm Bill Provisions. *Forest Landowner*. 55(5).

Hubbard, Bill. (1996). Extension Forestry: Putting Knowledge to Work into the 21st Century. *Forest Landowner*. 55(1):5-8.

Hooven, Lynn and Bill Hubbard. (1994). Reforestation Programs in the South. *Forest Farmers Magazine*, 54(5).

Hubbard, W.G. (1992). Getting into Forestry: Opportunities for Landowners to Utilize Marginal Cropland . *Florida Grower and Rancher*. Vol 85 (11): pp 11,12, 44.

f. Regional Publications

Lawrence, Allyson and W.G. Hubbard. (2004). Benefits of Forestry in the South. SREF Brochure SREF-GNRL-2004-1.

Hubbard, William. (1997). RREA Accomplishments and Impacts in the Southern Region. 2 page fact sheet.

Sather, Ingrid and William Hubbard. (1998). Directory of Urban Forest Researchers in the South. USDA Forest Service publication. 65 pages.

Hubbard, W.G. and Jordin, J.B. (1999). Directory of Natural Resource and Environmental Management Programs in the United States.

g. Proceedings Editor/Co-Editor

Bettinger, P. M. Wimberley, W. Hubbard. (2005). Proceedings of the 4th Southern Forestry Geographic Information Systems Conference (SOFORGIS). The University of Georgia. Athens.

Dickens, D., J. Barnett, G. Hernandez, E. Jokela and W.G. Hubbard (2004). USDA FS. GTR-XXX. Proceedings of the Slash Pine Symposium. (In press).

Rauscher, M., W.G. Hubbard and J. Bryant Jordin. (2002). Southern Forest Science Abstracts and Proceedings available in CD-ROM and online at www.soforgis.net/2000.

Jordin, J.B. and W. G. Hubbard (2000). Proceedings of the 3rd Southern Forestry Geographic Information Systems (SOFORGIS) Conference. The University of Georgia. Athens.

Whiffen, H. and B. Hubbard. (1998). Proceedings of the 2nd Southern Forestry Geographic Information Systems (SOFORGIS) Conference. The University of Georgia. Athens.

Arthaud G. and B. Hubbard. (1996). Proceedings of the Southern Forestry Geographic Information Systems (SOFORGIS) Conference. The University of Georgia. Athens.

Hubbard, B. (1995). Proceedings: Education and Communication Applications in Natural Resource Management. The University of Georgia, Athens.

h. Expanded (Peer-reviewed) Newsletters

Hubbard, W.G.. (1999). Linking Forest-Based Economic Development & the Rural Development: A Review of the Literature. Southern Perspectives. 3(2):2-5. Summer 1999.

i. Extension Publications

Hubbard, W.G. and J. Smith. (1989, 2000). Campus Tree Walk: A Guide to the Trees of the University of Florida. The University of Florida. FOR 46.

Hubbard, B., D. Faircloth & A. Long (1993, 1999). Recreation Options for Your Forestland. The University of Florida. SS-FOR-4.

Hubbard, W.G., Christopher Latt, Alan Long. (1999). Forest Terminology for Multiple-Use Management. University of Florida Extension Publication. SS-FOR-11.

Hubbard, W., R. Abt., M. Duryea, and M. Jacobson. (1998). Estimating the Profitability of your Non-Timber Forestland Enterprises (revised). University of Florida, Extension Circular 836.

Dangerfield Jr., CW., Moorhead, D.J., Beckwith, J.R., and Hubbard W.G. (1997). Quality Wood Products from Georgia Forestry. The University of Georgia Extension Publication.

Beckwith III, J. R. Coder, K. D., Dangerfield Jr., C.W., Hubbard, W.G., Irwin, K.M., Jackson, B.D., Lewis, G.W., Moorhead, D.J., and Newman, D.H. (1996) Forest Resource One-Liners with Georgia Highlights. The University of Georgia Extension Publication.

Dangerfield Jr., CW., Moorhead, D.J., Beckwith, J.R., and Hubbard W.G. (1996). Quality Wood Products from Georgia Forestry. The University of Georgia Extension Publication.

Hubbard, W.G., and Charlie Marcus. (1992). Timber Management in Your Stewardship Forest. In: The Florida Forest Stewardship Program: An Opportunity to Manage Your Forestland for Now and the Future. IFAS Circular 1020. 5 p.

Duryea, M.L., Hubbard W.G., MacGrath D., and C. Marcus (Editors). (1991). Florida's Forest Stewardship Program: An Opportunity to Manage Your Land for Now and for the Future. IFAS Circular 1020. 39 P.

Hubbard, W.G., and H. Umarwardia. (1991). FORINSY_PC The Forestry Information System for the P.C. Module 2: Forestry Management Assistance and Services (FMAS). IFAS Circular.

Hubbard, W.G., and H. Umarwardia. (1990). FORINSY_PC The Forestry Information System for the P.C. Module 1: Timber Products and Prices (TIMPRI). IFAS Circular 813. 10 p.

Abt, R.C., and W.G. Hubbard. (1989). DISCO _ A Computer Based Decision Tree for Financial Analysis (includes software and documentation) 3 p.

Abt, R. C., and W. G. Hubbard. (1988). An Evaluation of the Data and Linear Programming Formulation Used in the National Forests in Florida Management Plan. Final Report to the National Wildlife Federation. 15 p.

j. Annual Reports

- 2003 Southern Regional Extension Forestry Annual Report and Plan of Work: 2003-2004
- 2002 Southern Regional Extension Forestry Annual Report and Plan of Work: 2002-2003
- 2001 Southern Regional Extension Forestry Annual Report and Plan of Work: 2001-2002
- 2000 Southern Regional Extension Forestry Annual Report and Plan of Work: 2000-2001
- 1999 Southern Regional Extension Forestry Annual Report and Plan of Work: 1999-2000
- 1998 Southern Regional Extension Forestry Annual Report and Plan of Work: 1998-1999
- 1997 Southern Regional Extension Forestry Annual Report and Plan of Work: 1997-1998
- 1996 Southern Regional Extension Forestry Annual Report and Plan of Work: 1996-1997
- 1995 Southern Regional Extension Forestry Annual Report and Plan of Work: 1995-1996
- 1994 Southern Regional Extension Forestry Annual Report and Plan of Work: 1994-1995
- 1993 Southern Regional Extension Forestry Annual Report and Plan of Work: 1993-1994

h. Posters

2005

Hubbard, W.G. Forestry and Wildlife Programs for Farmers and Landowners. National Farm Bureau Conference. Charlotte, NC.

2004

Lawrence, A. and W.G. Hubbard. Spanish Language Tree Planting Training Video for the Southern Region. Working with Hispanics and Latinos in the United States. San. Juan, PR.

9. NATIONAL, REGIONAL, STATE AND LOCAL PRESENTATIONS

2005

Hubbard, W. G. 2005. Recovering from the impact of hurricanes on urban forests in Florida. University of Florida faculty Extension seminar. Gainesville, FL

Hubbard, W. G. 2005. Factors influencing the adoption of practice by participants in a South-wide distance education forestry shortcourse. University of Florida faculty research seminar. Gainesville, FL.

Hubbard, W.G. 2005. Forest Certification: History and Current Situation. Seminar presented to Chinese Forestry Delegation, The University of Georgia, Athens, GA.

2004

Hubbard, W.G. 2004. Private Landowner Implications of the Healthy Forest Restoration Act (HFRA) of 2003. East Texas Forestry Field Day. Overton, TX.

Hubbard, W. G. 2004. Forestry Services Available for Landowners. East Texas Forestry Field Day, Overton, TX.

Hubbard, W. G. 2004. Working Across Agency Boundaries to Develop Effective Forestry Education Programs in the Southern United States. IUFRO Extension Working Party Paper, Orvieto, Italy.

Hubbard, W.G. 2004. Regional Extension Forester Report. Association of Consulting Foresters, Chattanooga, TN.

Hubbard, W. G. 2004. Regional Extension Forester Report. Southern Group of State Foresters. Charlottesville, VA.

Hubbard, W.G. 2004 Regional Extension Forestry Report. Association of Extension Administrators, Greensboro, NC.

Hubbard, W. G. 2004. Natural Resource Based Economic Opportunities. Southern Rural Development Conference. Tampa, FL.

Hubbard, W.G. 2004. History and Importance of Forestry in the South. Forestry for Nonforesters Shortcourse. Athens, GA.

Hubbard, W.G. 2004. Introduction to Forest Finance for Landowners. Master Tree Farmer Program. Various sites throughout the South broadcast from Clemson, SC.

Hubbard, W.G. 2004. Urban Forestry Issues and Opportunities in the South. Forestry for Nonforesters Shortcourse, Athens, GA.

Hubbard, W. G. 2004. Wildland-Urban Interface: What is it? What are the Opportunities? Forestry for Nonforesters Shortcourse, Athens, GA.

Hubbard, W. G. 2004. Forestry Terms and Concepts. Forestry for Nonforesters Shortcourse, Athens, GA.

Hubbard, W. G. 2004. The Basics of Forestry Finance. Master Tree Farmer Program. Clemson, SC (broadcast live to over 1800 landowners across the region).

Hubbard, W.G. 2004. Opportunities for Small Diameter Wood in the South. Ark-La-Tex Forestry Forum, Shreveport, LA.

Hubbard, W.G. 2004. Southern Regional Extension Forestry Activities and Accomplishments (Southern Forestry School Deans and Directors, Southern Extension Directors). Savannah, GA and Mobile, AL.

2003

Hubbard, W. G. 2003. A vision for knowledge management in forestry. Presentation to the staff at the USDA Forest Service Rocky Mountain Research Station, Denver CO.

Hubbard, W. G. 2003. Status and trends of southern forestlands Farm and Forestland Protection Workshop. Atlanta, GA.

Hubbard, W. G. and E. Norland. 2003. RREA Opportunities with 1890 Specialists 1890's Administrators Meeting. Atlanta, GA.

Hubbard, W. G. 2003. Southern region Extension forestry programs Virginia Extension Forestry Retreat. Blacksburg, VA.

Hubbard, W. G. 2003. Reaching people where they live, work and play: Opportunities with the Cooperative Extension Service. Presentation to the National Urban and Community Forestry Technology Transfer Committee. Reno, NV.

Hubbard, W. G. 2003. The case for multi-state and regional forestry programs Oklahoma Department of Forestry Seminar. Stillwater, OK

Hubbard, W. G. 2003. Benefits of professional forestry assistance Oklahoma Forest Utilization Conference. Wagoner, OK.

Hubbard, W. G. 2003. Trends of non-industrial forests. Oklahoma Forest Utilization Conference. Wagoner, OK.

Daniels, R. and W. G. Hubbard. 2003. Skating to where the puck will be: Extension programming for the new millennium Extension Foresters' Triennial Meeting. Asheville, NC.

Hubbard, W. G. 2003. Importance of urban and community forestry. Mississippi Society of American Foresters meeting. Tupelo, MS.

Hubbard, W. G. 2003. The encyclopedia of southern Appalachian forest ecosystems: A prototype of an online scientific knowledge management system. Southern Forest Insect Work Committee. Baton Rouge, LA.

Hubbard, W. G. 2003. What motivates landowners to practice forestry? Tennessee Division of Forestry Training. Pikeville, TN.

Hubbard, W. G. and I. Sather. 2003. Remember to do technology transfer!!! National Urban Forests Conference. San Antonio, TX.

Hubbard, W. G. 2003. The changing face of forestry Extension. Southeastern Society of American Foresters Meeting. Pensacola, FL.

Hubbard, W. G. and M. Rauscher. 2003. Understanding and overcoming barriers to effective bioenergy research technology transfer. International Energy Agency – Bioenergy/Biomass Working Group Conference. Flagstaff, AZ.

Rauscher, M. and W.G. Hubbard, 2003. The encyclopedia of southern forest science: scientific knowledge management in practice. International Energy Agency – Bioenergy/Biomass Working Group Conference. Flagstaff, AZ.

Hubbard, W. G. 2003. Educational technology: What's hot...what's not? National Extension Foresters Meeting. Buffalo, NY.

Hubbard, W. G. 2003. Successful approaches to sustainable forest management on small forestlands. National Society of American Foresters Conference. Buffalo, NY.

Hubbard, W. G. 2003. Using Internet technologies to bridge the gap between science and practice. National Society of American Foresters Conference. Buffalo, NY.

2002

Hubbard, W. G. 2002. Southern Forest Resource Assessment: What does it mean for forest landowners? Ark-La-Tex Forestry Forum, Shreveport, LA.

Hubbard, W. G. 2002. A Review of the History and Relevance of the NREM Program. National Natural Resources Extension Professionals Conference. Naples, FL.

Hubbard, W. G. 2002. Distance Education Opportunities for Forest Landowners. National Natural Resources Extension Professionals Conference. Naples, FL.

Hubbard, W. G. 2002. Natural Resource & Environmental Management Programs of the Cooperative Extension Service. National NREM State Contacts Meeting. Naples, FL.

Hubbard, W. G. 2002. Agroforestry Opportunities with Southern Forestry Extension. Southern Agroforestry Workshop for 1890's Universities. Huntsville, AL.

Hubbard, W. G. 2002. Opportunities for Minority Involvement in Natural Resources Extension. Celebrating the Success of Minorities in Natural Resources. Tallahassee, FL.

Hubbard, W. G. 2002. Forestry Issues, Ark-La-Tex Forestry Forum, Shreveport, LA.

2001

Hubbard, W. G. 2001. Using Economics in Urban Forestry Decisionmaking, Arkansas Urban Forestry Conference, Hot Springs, AR.

Hubbard, W. G. 2001. Key Partners and Players in Urban Forestry. Urban Forestry for the New Millennium – A Satellite Video Program. Various sites broadcast live from Clemson, SC.

Hubbard, W. G. 2001. Fire Research Needs in the South – Southern Forest Fire Research Conference. Athens, GA.

Hubbard, W. G. 2001. NREM Update – Regional Joint Council of Extension Professionals Meeting (JCEP) meeting –Athens, GA.

Hubbard, W. G. 2001. ANREP Update – Region Joint Council of Extension Professionals (JCEP) meeting –Athens, GA.

Hubbard, W. G. 2001. Extension Forestry in the South – Auburn University forestry retreat. Auburn, AL.

Hubbard, W. G. 2001. Forestry Services for Forest Landowners – Master Tree Farmer Session 7. Various sites broadcast from Clemson, SC.

Hubbard, W. G. 2001. New computer technology for forest landowners – Southern Forestry Conference-Forest Landowners Association Annual Meeting. Alexandria, VA.

Hubbard, W. G. 2001. The Future of Forestry – Texas A & M University annual Spring Awards Banquet. College Station, TX.

Hubbard, W. G. 2001. Internet-based information sharing for Extension professionals – NE NREM meeting. Burlington, VT.

Hubbard, W. G. 2001. Private Nonindustrial Forest Management at the Interface –Wildland Urban Interface Conference. Gainesville, FL.

Hubbard, W. G. 2001. Forestry Situation in the South – Atlanta, Georgia. Presentation at the Southern Outlook Conference. Atlanta, GA.

2000

Hubbard, W. G. 2000. Public and Private Assistance to Forest Landowners in the South, NIPF Forestry Symposium, Washington D.C.

Hubbard, W. G. 2000. Forestry Issues, Ark-La-Tex Forestry Forum, Shreveport, LA.

Hubbard, W. G. 2000. Future Perspectives in Forestry SAF/SFRC Spring Symposium. Gainesville, FL.

Hubbard, W. G. 2000. Economics of Urban-Wildland Interface Issues, Georgia FASAT Program. Athens, GA.

Hubbard, W. G. 2000. Economics of Urban-Wildland Interface Issues The Urban Forestry Institute. Daytona Beach, FL.

Hubbard, W. G. 2000. Urban Forest Valuation, Urban Forestry Economics, and Urban Forest Planning/Policy Issues, Tennessee Urban Forestry Conference. Nashville, TN.

Hubbard, W. G. 2000. Forest Finance Issues, Rolling Hills RC&D Landowner Shortcourse. Carrollton, GA.

Hubbard, W. G. 2000. Financial Tools to Assist Forest Landowners, Forest Landowners Board of Directors Meeting, Lexington, KY.

1999

Hubbard, W. G. 1999. Southern Forestry Issues: Impacts for Forest Health Professionals. Forest Pest Workshop. Athens, GA.

Hubbard, W. G. 1999. Forestry Issues Affecting Georgia Forest Landowners. Jasper County Forest Landowners Meeting. Monticello, GA.

Hubbard, W. G. 1999. Extension Forestry Update. Southern Logger Training and Education Council. Atlanta, GA.

Hubbard, W. G. 1999. Update on Forestry Issues - Ark-La-Tex Forestry Forum. Shreveport, LA.

Hubbard, W. G. 1999. Regional Extension Forester Update - Southern Regional Extension Forestry Unit Leader's Meeting. Athens, GA.

Hubbard, W. G. 1999. Internet Tools for the Forestry Extension Agent. Georgia County Agent Training. Athens, GA.

Hubbard, W. G. 1999. Urban Forest Inventory and Valuation: Lecture and Lab. Undergraduate Course at the University of Florida. Gainesville, FL.

Hubbard, W. G. 1999. Regional Extension Forester Update - Association of Southern Region Extension Directors. Huntsville, AL.

Hubbard, W. G. 1999. Regional Extension Forester Update - American Forest and Paper Association Landowner Assistance Programs Subcommittee. Nashville, TN.

Hubbard, W. G. 1999. The Impact of Forestry Trends on Southern Seedling Supply and Demand. Southern Nursery Cooperative. Jackson, MS.

Hubbard, W. G. 1999. Extension Forestry in the South. Team Agriculture Meeting. Tifton, GA.

Hubbard, W. G. 1999. Regional Extension Forestry Update. USDA Forest Service Cooperative Forestry Unit Planning Retreat. Atlanta, GA.

Hubbard, W. G. 1999. Regional Extension Forestry Update. Southern Program Leaders Committee. Biloxi, MS.

Hubbard, W. G. 1999. Association of Natural Resources Extension Specialists Update. National Extension Forester's Meeting. Portland, OR.

Hubbard, W. G. 1999. Regional Extension Forestry Update. Regional Conservation Education Retreat. Amicalola Falls, GA.

Hubbard, W. G. 1999. The Importance of Forestry in the South. SAF Walk in the Woods. Gainesville, GA.

Hubbard, W. G. 1999. New Technologies for Urban and Community Forest Management. Alabama Urban Forestry Conference. Mobile, AL.

Hubbard, W. G. 1999. Regional Extension Forestry Update. Texas A&M Strategic Planning Session. College Station, TX.

Hubbard, W. G. 1999. Regional Extension Forestry Update. Multi-state Programming Meeting. Atlanta, GA.

1998

Hubbard, W.G. 1998. Overcoming Technology Transfer Barriers in Forestry and Natural Resource Management - 3rd International Union of Forestry Research Organizations (IUFRO) Extension Working Party. Blacksburg, VA.

Hubbard, W.G. 1998. Building With Trees: The Value of Maintaining Trees and Greenspaces in New Developments - Mississippi Urban Forestry Conference. Jackson, MS.

Hubbard, W.G. 1998. Building Ecologically Sound Communities: An Economic Perspective - Mississippi Urban Forestry Conference. Jackson, MS. January 27, 1998.

Hubbard, W.G. 1998. Extension/NAPFSC Partnership Opportunities . Presentation to the National Association of Professional Forestry Schools and Colleges. Washington, DC

Hubbard, W.G. 1998. Extension Forestry Update . Presentations to Southern Region ANR Leaders, Forestry School Deans, AFPA LAP Foresters and Extension Specialists. Various meeting locations and dates.

Hubbard, W.G. 1998. Restoration and Management of Urban Forest Ecosystems: Developing a Management Plan . Urban Forestry Institute. Fort Lauderdale, FL, June 15, 1998.

1997

Hubbard, W.G. 1997. Internet Materials Available for Forest Landowners - 1997 Southeastern Forest Landowner Information Fair: Exploring your Forestland Management Plan. Waycross, GA.

Hubbard, W.G. 1997. Urban-Wildland Interface Issues. Wildland Urban Institute - Athens, GA

Hubbard, W.G. 1997. Internet Opportunities for County Extension Agents - New Agent Training Workshop, Tifton, GA.

Hubbard, W.G. 1997. Southern Forestry Issues - Forest Landowner's Banquet. Tuskegee, AL.

Hubbard, W.G. 1997. Pulpwood Economics in the Southeast - East Texas Forestry Field Day. Overton, TX.

Hubbard, W.G. 1997. Creating Educational Programs to Meet Educational Demands Appalachian SAF meeting. Clemson, SC, June 13, 1997.

Hubbard, W.G. 1997. Hardwood Management Materials Available Today - Central Hardwoods Extension Working Group. Nashville, IN.

Hubbard, W.G. 1997. Restoration and Management of Urban Forest Ecosystems: Developing a Management Plan . Urban Forestry Institute. Fort Lauderdale, FL, June 24, 1997.

Hubbard, W.G. 1997. Using the World Wide Web to Your Advantage - Florida Forestry Association Annual Meeting. Panama City, FL. September 4, 1997.

Hubbard, W.G. 1997. Research and Extension Responses to Programs for the Underserved Farmer, Rancher and Forest Landowner . Summit of the South, Richmond, VA.

1996

Hubbard, W.G. 1996. County-Based Urban and Community Forestry Programs - NACAA annual meeting, Nashville, TN.

Hubbard, W.G. 1996. Extension Forestry Programs in the Southern United States - AFPA Landowner Assistance Program Meeting, Charlotte, NC.

Hubbard, W.G. 1996. The Use of CD-ROM Technology in Urban & Community Forestry Programs - Florida Urban Forestry Conference, Tallahassee, FL.

Hubbard, W.G. 1996. Utilizing Internet Technology for Cost-Effective Extension Programming - First Puerto Rican Forestry Conference, San Juan, PR.

Hubbard, W.G. 1996. Major Issues Affecting Nonfederal Lands , Atlanta GA June 14, 1996. Testimony to the National Research Council's Committee on Prospects and Opportunities for Sustainable Management of America's Nonfederal Forests. .

1995

Hubbard, W.G. 1995. Partnership Opportunities with Extension . USDA Forest Service Management Team Meeting. Atlanta, GA.

Hubbard, W.G. 1995. Economics of Urban Forestry Projects and Programs . The Urban Forestry Institute. Marco Island, FL.

1994

Hubbard, W.G. 1994. Extension Forest Resources in the Southern United States . National Association of Professional Forestry Schools and Colleges - Southern Region. Charleston, SC.

Hubbard, W.G. 1994. Using Urban Forestry Inventory Data to Determine Biodiversity Characteristics . Florida Urban Forestry Conference. Gainesville, FL.

1993

Hubbard, W.G. 1993. Financial and Economic Characteristics of Urban Forestry Programs . The Urban Forestry Institute. Jupiter Island, FL.

1992

Hubbard, W.G. 1992. The Economics of Grazing Cattle in Florida's Woodlands . Landowner workshop, Union County. Starke, FL.

Hubbard, W.G. 1992. The Florida Forest Stewardship Program . Alachua County forest landowners. Gainesville. FL.

Hubbard, W.G. 1992. The Florida Forest Stewardship Program . Duval County forest landowners. Jacksonville, FL.

Hubbard, W.G. 1992. Economics of Urban Forest Management . Florida Division of Forestry and the Cooperative Extension Service, Brooksville, FL.

Hubbard, W.G. 1992. Project Learning Tree . Elementary school teachers. June 11, 1992, Palatka, FL. Miami, FL.

Hubbard, W.G. 1992. The Benefits and Values of the Urban Forest . Florida Urban Forestry Conference. Orlando, FL.

Hubbard, W.G. 1992. Forest Recreation on Your Stewardship Forest . Florida forestland owners; Palatka, FL, August 10, 1992; Lake City, FL, August 11, 1992; Marianna, FL. Tallahassee, FL, September 15, 1992.

Hubbard, W.G. 1992. Forest Stewardship and Urban & Community Forestry Extension Activities in Florida . Department of Forestry Seminar. Gainesville, FL.

Hubbard, W.G. 1992. Forest Management & Economics . Florida A&M University. Tallahassee. FL.

1991

Hubbard, W.G. 1991. Financial and Technical Assistance Available to Small Landowners . Florida-Georgia Forest Landowner Seminar. Fort Valley, GA.

Hubbard, W.G. 1991. Your Forestland and the Tax Laws . Florida-Georgia Forest Landowner Seminar. Fort Valley, GA.

Hubbard, W.G. 1991. Computers in Forestry . Florida Division of Forestry. Gainesville, FL.

Hubbard, W.G. 1991. The Florida Forest Stewardship Program . Landowner workshop, Columbia County. Lake City, FL.

Hubbard, W.G. 1991. Forest Management in Florida . Florida Association of Property Appraisers and Land Managers. Waldo. FL.

Hubbard, W.G. 1991. The Economics of Urban Forestry and Urban Forestry Programming. Urban Forestry Institute. Clearwater, FL.

Hubbard, W.G. 1991. Florida's Forest Stewardship Program . U.S. Fish and Wildlife Cooperative at monthly meeting. Gainesville, FL.

1990

Hubbard, W.G. 1990. Forest Management and Taxation . Jackson County Landowner Seminar. Marianna, FL.

Hubbard, W.G. 1990. Tax Issues Impacting the Forestry Budget - Florida Issues . Florida-Georgia Forest Landowner Seminar General Session. Jacksonville, FL.

Hubbard, W.G. 1990. Marketing Timber for Top Dollar . Florida-Georgia Forest Landowner Seminar Break-out Session (offered twice). Jacksonville, FL.

Hubbard, W.G. 1990. Tax Issues Affecting Forestry . Putnam County Landowner's Clinic. Palatka, FL.

Hubbard, W.G. 1990. Economics of Pine Straw Production . Quad County Landowner Clinic on Pine Straw. Lake City, FL.

Hubbard, W.G. 1990. Economics of Alternative Enterprises . Gadsden County Landowner's Workshop. Quincy, FL.

Hubbard, W.G. 1990. Forestry in Florida . Vocational Agriculture In-Service Training. Gainesville, FL.

1989

Hubbard, W.G. 1989. Alternative Enterprises . Madison County Landowner's Conference. Madison, FL.

Hubbard, W.G. 1989. Update on Federal Taxation Issues . Florida Forestry Association Annual Meeting. Panama City, FL.

Hubbard, W.G. 1989. Economic Aspects of Public Land Management . Florida Society of American Foresters Annual Meeting. Panama City, FL.

Hubbard, W.G. 1989. Taxation for Florida Landowners . Florida Landowner Conference. Tallahassee, FL.

Hubbard, W.G. 1989. Economics of Alternative Enterprises . Florida Landowner Conference. Tallahassee, FL.

Hubbard, W.G. 1989. FORINSY: The Forestry Information System . Florida Division of Forestry Forester Training Session. Brooksville, FL.

Hubbard, W.G. 1989. Alternative Enterprises: Christmas Trees, Wildlife Management, Shiitake Mushrooms, and Grazing. In-Service Training Session. Gainesville, FL.

1988

Hubbard, W.G. 1988. Traditional Forest Management in Florida . Northwest Florida Resource Conservation and Development Committee. Marianna, FL.

Hubbard, W.G. 1988. Trees of the University of Florida Campus . Florida 4-H Congress. Gainesville, FL.

Hubbard, W.G. 1988. Economics of your forestry enterprise . Florida Forestry Association Annual Meeting. Haines City, FL.

10. CONTRACTS AND GRANTS (1999-2004):

| Year of Award | Title | Source | Investigators (PI, Co-PI) | Amount |
|---------------|---|---|---|-------------|
| 2004 | Sustainable Forestry for Bioenergy And Bio-based Products | USDA and DOE | L. Biles, W. Hubbard T. Smith, B. Jackson, M. Rauscher, J. Gan, W. Smith and D. Foster (PI/Co-PI TBA) | \$1,000,000 |
| 2004 | The Use of Visualization Tools in Forest Policy Fragmentation Decisionmaking | USDA CSREES | M. Wimberly, P. Bettinger and W. Hubbard | \$90,000 |
| 2004 | Forest Encyclopedia Infrastructure Development | USDA Forest Service – Southern Research Station | W. G. Hubbard | \$100,000 |
| 2004 | Development of an Off-Line Authoring System for the Forest Encyclopedia Network (FEN) | USDA Forest Service | W.G. Hubbard | \$84,000 |
| 2004 | Master Tree Farmer Program | USDA Forest Service | George Kessler (PI) and W.G. Hubbard (Co-PI) | \$25,000 |
| 2004 | Developing an Online Website for Forest Productivity Resources | Potash and Phosphate Institute | W.G. Hubbard (PI) and D.Dickens (Co-PI) | \$5,000 |
| 2004 | Reforestation, Nurseries and Genetics Resources Website Development | USDA Forest Service | W.G. Hubbard | \$55,000 |
| 2003 | Developing a Website to Highlight Benefits and Costs of Urban Forestry | USDA Forest Service | W.G. Hubbard (PI) K. Coder (Co-PI) | \$18,500 |
| 2003 | Renewable Resources Extension Act Strategic Planning | USDA CSREES | W.G. Hubbard | \$38,000 |
| 2003 | Southern Regional Extension Forestry Programs | Various States | W.G. Hubbard | \$112,000 |
| 2003 | Master Wildlifer Program | USDA Forest Service | George Kessler, Greg Yarrow and W.G. Hubbard | \$22,000 |

| Year of Award | Title | Source | Investigators (PI, Co-PI) | Amount |
|----------------------|---|---------------------|--|---------------|
| 2003 | Southern Regional Extension Forestry Programs | USDA Forest Service | W.G. Hubbard | \$40,000 |
| 2003 | Reforestation, Nurseries and Genetics Resources Website Development | USDA Forest Service | W.G. Hubbard | \$45,000 |
| 2003 | Internet Framework for the Online Forest Encyclopedia Network | USDA Forest Service | W.G. Hubbard | \$93,000 |
| 2002 | Slash Pine Symposium Sponsorship | USDA Forest Service | D. Dickens (PI) and W.G. Hubbard (Co-PI) | \$10,000 |
| 2002 | Development of a Spanish Language Tree Planting Video | USDA Forest Service | W.G. Hubbard | \$40,000 |
| 2002 | Master Tree Farmer Level II Program | USDA Forest Service | George Kessler (PI) and W.G. Hubbard (Co-PI) | \$25,000 |
| 2002 | Urban and Community Forestry Internet Development | USDA Forest Service | W.G. Hubbard (PI) Kim Coder (Co-PI) | \$40,000 |
| 2002 | Internet Framework for the Online Forest Encyclopedia Network | USDA Forest Service | W.G. Hubbard | \$60,000 |
| 2002 | NREM Base Program Activities of the USDA | USDA CSREES | W.G. Hubbard | \$11,000 |
| 2002 | Reforestation, Nurseries and Genetics Resources Website Development | USDA Forest Service | W.G. Hubbard | \$45,000 |
| 2002 | NED Fire Mitigation Planning | USDA Forest Service | W.G. Hubbard | \$37,000 |
| 2002 | Southern Regional Extension Forestry Programs | Various States | W.G. Hubbard | \$112,000 |
| 2002 | Southern Regional Extension Forestry Programs | USDA Forest Service | W.G. Hubbard | \$40,000 |
| 2001 | Development of an Online Forest Encyclopedia | USDA Forest Service | W. G. Hubbard | 11,000 |

| Year of Award | Title | Source | Investigators (PI, Co-PI) | Amount |
|----------------------|---|---------------------------|--|---------------|
| 2001 | Reforestation, Nurseries and Genetics Resources Website Development | USDA Forest Service | W.G. Hubbard | \$45,000 |
| 2001 | Southern Regional Extension Forestry Programs | Various States | W.G. Hubbard | \$112,000 |
| 2001 | Southern Regional Extension Forestry Programs | USDA Forest Service | W.G. Hubbard | \$40,000 |
| 2001 | Master Tree Farmer Level I | USDA Forest Service | George Kessler (PI) and W.G. Hubbard (Co-PI) | \$25,000 |
| 2001 | Wildfire Programs Internet Database | USDA Forest Service | W.G. Hubbard | \$8,000 |
| 2000 | Southern Regional Extension Forestry Programs | Various States | W.G. Hubbard | \$112,000 |
| 2000 | Southern Regional Extension Forestry Programs | USDA Forest Service | W.G. Hubbard | \$40,000 |
| 2000 | NREM Programs of the USDA CSREES | USDA CSREES | W.G. Hubbard | \$15,000 |
| 2000 | Reforestation, Nurseries and Genetics Resources Website Development | USDA Forest Service | W.G. Hubbard | \$40,000 |
| 2000 | Wildland-Urban Interface Internet Development | USDA Forest Service | W.G. Hubbard | \$20,000 |
| 1999 | Southern Regional Extension Forestry Programs in the South | CES Various States | W.G. Hubbard | \$105,000 |
| 1998 | Southern Regional Extension Forestry Programs in the South | CES Various States | W.G. Hubbard | \$105,000 |
| 1997 | Natural Resources and Environmental Management in the United States | USDA – CSREES | W.G. Hubbard | \$30,000 |
| 1997 | Forest Based Economic Development Academy | USDA Forest Service, USDA | W.G. Hubbard | \$30,000 |

| Year of Award | Title | Source | Investigators (PI, Co-PI) | Amount |
|----------------------|--|---------------------------------------|----------------------------------|--------------------|
| 1997 | Southern Regional Extension Forestry Programs in the South | CES- Various States | W.G. Hubbard | \$105,000 |
| 1996 | NREM programs | USDA CSREES | W.G. Hubbard | \$18,000 |
| 1995 | Wood Recycling Handbook | American Forest and Paper Association | W.G. Hubbard | \$2,500 |
| 1994 | Ecosystem Management Education | USDA CSREES (Extension Service) | W.G. Hubbard | \$11,000 |
| 1992 | Street Tree Inventory | City of Gainesville, FL | W.G. Hubbard, L. Arvanitis | \$20,000 |
| 1991 | Urban Forestry Media | Florida Division of Forestry | W.G. Hubbard | \$15,000 |
| Total | All Sources | All Agencies | | \$3,060,000 |

11. PROFESSIONAL AFFILIATIONS:

Society of American Foresters (SAF)
Association of Natural Resource Extension Professionals (ANREP)
Xi Sigma Pi – National Forestry Honor Society (XSP)
International Union of Forest Research Organizations (IUFRO)

12. HONORS AND AWARDS:

2004 USDA Forest Service Chief's Southern Centennial Forum Award
2004 USDA Secretary of Agriculture Group Honor Award
2004 Outstanding Educational Program Award – American Distance Education Consortium (ADEC)
2004 Henry Hardtner Award for Landowner Education – Presented by the Southern Group of State Forestry agencies.
2003 USDA Forest Service Chief's National Award for Technology Transfer
2003 Southern Extension Forest Resource Specialists – Master Wildlifer
2002 President's Award – Association of Natural Resource Extension Professionals (ANREP)
2002 Southern Extension Forest Resource Specialists – 2 Multi-State or Regional Programming Awards for Master Tree Farmer and Urban Forestry Satellite Programs.
2001 USDA Forest Service Merit Award
2000 USDA Cooperative States Research, Education and Extension Service – Certificate of Merit for work on the NREM Base Program.
1995 Certificate of Commendation from the USDA - Natural Resource & Environmental Management
1992 Award for Excellence - Southern Extension Forest Resource Specialists - Regional Project
1992 Award for Excellence - Southern Extension Forest Resource Specialists - Extension Publication
Member, Xi Sigma Pi Honor Society (Forest Resources)
Member, Phi Kappa Phi Honor Society
Other Eagle Scout Award, Boy Scouts of America, 1976

13. CREATIVE WORKS: TECHNOLOGY WORKS

- 1. Southern Regional Extension Forestry Homepage (<http://www.sref.info>)**
 - a. Website designed using the ZOPE® and PLONE® open source content management system software for multiple authorship and remote access.
 - b. Expert and contact database: over 500 southern and national forestry community contacts are searchable by name, state, discipline, affiliation (i.e.

- SGSF, management chiefs, SNAPSC, Extension foresters, state association executives, etc).
- c. Tapes of the Master Tree Farmer and Wildlifer Programs from 2001, 2002 and 2003 are streamed via Real® Audio Networks.
 - d. Tapes of the Forest Certification Program from 2002 are streamed via Real® Audio Networks.
 - e. Updated news, events and new educational topics provided on a weekly basis.
 - f. Electronic newsletter generated automatically from website updates.
 - g. Slide show presentations, publications and other resources added online as they become available. Searchable and downloadable.
2. **The Forest Encyclopedia Network (FEN) (<http://www.forestencyclopedia.net>)** – This website house two encyclopedias; Southern Appalachian Ecosystems and Southern Fire Science. Evaluation stage one completed. Work progressing to move this to a national network.
 3. **Urban Forestry South Expo Website (<http://plone.urbanforestrysouth.org>)** – This multiauthoring system holds the South’s urban and community forestry information.
 4. **Reforestation, Nurseries and Genetics Website (<http://www.rngr.net>)** – This website is designed for use by those in the reforestation, nursery and genetics fields of forestry.
 5. **Best Management Practices of the United States (<http://www.usabmp.net/www.forestrybmp.net>)** - USDA Forest Service, NCASI and others are providing support and oversight into the development of this national website designed to assist the logging, forestry, environmental, conservation, decision-making and other communities with current information relating to water quality, best management practices and related materials. The current site: www.usabmp.net will be upgraded and enhanced to a new website www.forestrybmp.net.
 6. **Forestry Index (<http://www.forestryindex.net>)** – This website is an online searchable database of over 2,000 natural resources Extension and related educational links, publications and materials.
 7. **National Database of State and Local Wildfire Hazard Mitigation Programs (<http://www.wildfireprograms.net>)** – This website is an online searchable database of hundreds of national fire education and mitigation programs are databased and kept current on this website in collaboration with the USDA Forest Service.

14. MEDIA PRODUCTION

- | | |
|------|--|
| 2004 | Spanish Language Tree Planting Video – available on video and DVD (in both English and Spanish). (Project Director) |
| 1997 | NREM BASE – Software Program for the PC – Searchable database of natural resource and environmental management programs of the Cooperative Extension System (Project Director) |

- 1990 FORINSY-PC – Software Program for the PC – Forestry information software
(Project Director)
- 1990 DISCO – Forestry Investment Analysis Software (Co-Producer)

15. Undergraduate Teaching Activities -

Invited guest lecturer - Urban Forest Management - Conducting Street Tree Inventories - Valuation of the Urban Forest. Lecturer and lab instructor, University of Florida. 1994 - Present.

Invited guest lecturer - History and Nature of the Extension Service - Forest Policy Course, The University of Georgia 1996.

Invited guest lecturer - Developing Extension Materials from University Research - Senior Seminar Class, University of Florida, 1995 -1998.

Instructor, 1989-1993, Undergraduate courses in Forest Economics, Forest Management and Quantitative Methods in Natural Resource Management. Responsible for lectures and labs in three sixteen week courses. Utilized real world examples and school teaching forest.