CURRICULUM VITAE

University of Idaho

NAME: O'Laughlin, Jay

DATE: August 23, 2012

RANK OR TITLE: Professor and Director, Policy Analysis Group, College of Natural Resources Experiment Station

DEPARTMENT: Conservation Social Sciences

OFFICE LOCATION AND CAMPUS ZIP: Phinney Hall 410, 1134

OFFICE PHONE: 208-885-5776
FAX: 208-885-6226
EMAIL: jayo@uidaho.edu
WEB: www.cnrhome.uidaho.edu/pag

DATE OF FIRST EMPLOYMENT AT UI: December 1989

DATE OF TENURE: University of Idaho, 1996; Texas A&M University, 1987

DATE OF PRESENT RANK OR TITLE: Professor, 1994; Adjunct Professor, 1989; Director, 1989

EDUCATION BEYOND HIGH SCHOOL:

Degrees:

Ph.D., University of Minnesota, St. Paul, Minnesota, 1980, Forest Policy and Economics
M.S., University of Minnesota, St. Paul, Minnesota, 1977, Forestry
B.S.B.A., University of Denver, Denver, Colorado, 1971, Business Administration – Finance

EXPERIENCE:

Teaching, Extension and Research Appointments:

1994-present, Professor (tenured in 1996 in Department of Forest Resources), and Director, Idaho Forest, Wildlife and Range Policy Analysis Group, College of Natural Resources, University of Idaho (source of funds: 100% Forest Utilization Research special program appropriation).
1989-94, Director, Idaho Forest, Wildlife and Range Policy Analysis Group, College of Natural Resources, and Adjunct Professor, Departments of Forest Resources and Forest Products, University of Idaho (source of funds: 100% Forest Utilization Research special program appropriation).
1987-89, Associate Professor (tenured in 1987), Department of Forest Science, Texas A&M University (source of budgeted funds: 75% teaching, 25% research).
1981-87, Assistant Professor, Department of Forest Science, Texas A&M University (source of budgeted funds: 75% teaching, 25% research).
1974-80, Graduate student, Graduate Research Assistant, and Teaching Assistant, Department of Forest Resources, University of Minnesota.

Academic Administrative Appointments:

1989-present, Director, Policy Analysis Group, College of Natural Resources Experiment Station, University of Idaho.

Non-Academic Employment including Armed Forces:

Administrative Analyst, Minneapolis Public Schools. Redesign and implement computer-based accounting system for in-plant printing department. Determine pricing policies for break-even operation (1977-78).
Administrative Assistant, Hennepin County Park Reserve District, Minnesota. Assist with coordination and supervision of park maintenance and recreation operations. Hire and train seasonal personnel. Collect and analyze survey interview data (1976).

Non-Academic Employment including Armed Forces (cont.):

Purchasing Agent, Chicago Tent & Textile Co., Chicago, Illinois. Cost accounting, inventory control, and corporate secretary responsibilities (1972-74).
Administrative Trainee, A.C. Nielsen Co., Chicago, Illinois. Market research training to supervise production of television ratings reports from raw data (1971).
U.S. Army Field Artillery, First Lieutenant, Vietnam service, awarded Bronze Star medal (1966-69).

Consulting:

ADAGE (joint venture of AREVA and Duke Power), "Economic Impacts of a 50 Megawatt Wood-fired Biopower Plant in Mason County, Washington" consultants' report (June 2010).
Idaho State Tax Commission, timberland valuation methods consultant (2007, unpaid).
Forest Capital Partners, LLC, workshop instructor, "Financial Analysis Applied to Forestry" (2003).
Idaho State Board of Land Commissioners, Federal Lands Task Force Working Group, research and editorial consultant to Coordinator of "Breaking the Gridlock: Federal Land Pilot Projects in Idaho" report (1999-2000, unpaid).
Idaho Department of Lands, workshop instructor, "Financial Analysis Applied to Forestry" (1999).
USDA Forest Service, economics consultant, "Assess Pest-related Risk of Importing Siberian Logs" (1991).
Private family forest landowners in Texas, timberland investment analysis consultant (1982-88).
University of Minnesota, College of Forestry, consultant to Dean on timber policy analysis (1980-81).

TEACHING ACCOMPLISHMENTS:

Areas of Specialization:

Forest Policy, Natural Resource Policy Analysis, Policy Sciences, Forest Resource Economics

Courses Taught:

University of Idaho:
- Seminar: Forestry, Bioenergy and Carbon, FOR 501 (Spring 2010, with Dr. Mark Coleman)
- Natural Resources Policy Analysis, FOR 585 (Fall 1997, 1999, 2001; Spring 2004, 2006, 2008, 2010, 2012).
- Conflict Management Colloquium, RRT 504 (Fall 1999, co-instructor).
- Orientation to Natural Resources. FOR 299 (Fall 1998).
- Seminar: Natural Resource Policy Analysis, FOR 501 (Fall 1996, 1997).
- World Resource Sustainability, FOR 404H Honors Program Seminar (Fall 1993, 1994, 1995, with Dr. Lee Medema).
- Directed Study: Natural Resource Policy Analysis, FOR 502 (various, 1994-96).
- Directed Study: Endangered Species Policy, FOR 502 (various, 1994-97).
- Natural Resource Policy Issues, FWR 404/504 (Spring 1993, UI Boise Center).
- Advanced Forest Management, FOR 575 (Spring 1992, co-instructor).

Texas A&M University:
- Forest Policy (undergraduate, 9 semesters. 1981-89).
- Forest Economics & Valuation (undergraduate, 7 semesters, 1981-89).
- Quantitative Methods in Forest Management (undergraduate, 5 semesters, 1982-89).
- Economic Analysis for Forest Resource Decisions (graduate, 4 semesters, 1985-89).

University of Minnesota:
- Forest Economics and Policy (teaching assistant, one quarter, 1979).

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Students Advised:

Undergraduate Students:

Texas A&M University: 45-80 per year, 1986-89 (all forestry undergraduate students); 10-15 per year, 1981-1985 (assigned forestry students).

Graduate Students:

Current Master of Natural Resources (M.N.R.) advisees (8):

Camp, Benjamin; Fitzgerald, Megan; Lockie, Valda; Reinke, Drew; Wansgard, Samantha; Fisher, Dan; Mink, Katherine; Poling, Megan

Advised to completion of degree – major professor (7 Ph.D.*, 8 M.S., 9 M.N.R.):

Johnson, Zachary, Palouse prairie restoration. M.N.R. 2012
Capurso, James, Instream flow case studies in Idaho, Water Resources, Ph.D. 2011.
Wiles, Doug, Post-wildfire rehabilitation in the Black Hills. M.N.R. 2011.
Burgard, Hannah, Wildland Fire Decision Support System (WFDSS), M.N.R. 2011.
LeRoy, Matt, British Columbia seed use rules and climate change, M.N.R. 2010.
Winningham, Wm. Jarrett, U.S. Forest Service timber sale process, M.N.R. 2010.
Tily, Coral, Whitebark pine restoration case study, Payette Nat'l. Forest, M.N.R., 2010.
Preston, Jeremy, Wild swine ecology and management, Eglin AFB. M.N.R., 2009
Boldman, Chris, Ecotourism case study in Guatemala, M.N.R., 2009.
Dunphy, Michael, New Jersey Pine Barrens management issues. M.N.R., 2008.
Feldman, Gabrielle, Protecting old growth and other non-timber forest values in Idaho's state forests: a policy sciences approach. Ph.D., 2007.
Maximillian, Jacqueline, Sustainability and profitability of *Prunus africana*: a case of harvesters in Tanazania. Ph.D., 2007.
Doane, Dustin, Barriers to wildland fire use (WFU) in USDA Forest Service wilderness areas as perceived by wilderness fire managers. M.S., 2005.
Lukman, Almudi G., Community involvement in biodiversity protection in the Philippines: a policy analysis. M.S., 2004.
Botto, Richard A., Change in Idaho's Floodwood State Forest from white pine to fir: an analysis of forest practices from 1940 to 2001. M.S., 2004.
Hacker, Steven K., Public land exchanges: benefits, barriers and potential in Idaho. M.S., 2004.
Schumaker, J.R., Alternative dispute resolution: employee knowledge and attitudes in six federal natural resource management agencies. University of Idaho. Ph.D., 1995.
Williams, R.A., Texas A&M University, Ph.D., 1990.
Carter, D.R., Texas A&M University, M.S., 1989.
Rule, L.C., Texas A&M University, Ph.D., 1988.
Cleaves, D.A., Texas A&M University, Ph.D., 1985.
Velasquez, F., Texas A&M University, M.S., 1985.
Quezada, G., Texas A&M University, M.S., 1984.
Ramirez, R., Texas A&M University, M.S., 1984.

Served on graduate committee (University of Idaho only):

DeMay, Stephanie, Environmental Science, M.S., expected 2013
Wallace, John M., Environmental Science, Ph.D., expected 2012.
Reeves, Derrick, Environmental Science, M.S., 2011.
Hagen, Chet, Water Resources, M.S., 2011.
Coulter, Keith M., Forest Products, Ph.D., 2010.
Mansaray, Abubakarr, Environmental Science, M.S., 2010.

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* In addition, 2 more Ph.D. student advisees at Texas A&M completed degrees after 1990.

Students Advised (cont.):

Served on graduate committee (University of Idaho only, cont.):

Morris, Brian, Forest Products, M.S., 2010.
Afatchao, Kodjotse (Romauld), Environmental Science, Ph.D. 2009.
Sjoquist, Erik, Forest Resources, M.S., 2007.
Lansprey, Katherine, Range Ecology and Management, M.S. 2005.
Firehammer, Jon, Fishery Resources, Ph.D., 2004.
Hogen, David, Fishery Resources, M.S., 2002.
Kubo, Teresa, Forest Resources, M.S., 2002.
Wollrab, Sherry, Master of Natural Resources, M.N.R., 2001.
Ogstrup-Pedersen, Julie, Environmental Science, M.S., 2001.
Henegan, Adele, Master of Natural Resources, M.N.R., 2000.
Welker, Timothy, Fishery Resources, Ph.D., 2000.
Conley, Dennis, Environmental Science, M.S., 2000.
Heady, Austin, Environmental Science, M.S., 1999.
Begich, Robert, Fishery Resources, M.S., 1999.
Tholen, Richard, Forest Resources, M.S., 1999.
Haminishi, Craig, Forest Products, M.S., 1994.
Gomben, Peter, Forest Products, M.S., 1993.
Marten, Leanne, Forest Resources, M.S., 1992.
Brown, Gregory, Resource Recreation & Tourism, Ph.D., 1992.
Vieto, Rodolfo.J., Forest Resources, M.S., 1991.
Ehrenreich, John, Jr., Forest Resources, M.S., 1990.

Served on graduate committee (Texas A&M University)
6 doctoral and 3 masters committees, 1981-89.

SCHOLARSHIP ACCOMPLISHMENTS:

Refereed/Adjudicated Publications:

Books:

Cubbage, F.W., J. O'Laughlin, and C.S. Bullock III. (1993). *Forest Resource Policy.* John Wiley & Sons, New York, New York, 562 p.

Refereed Journal Articles:

Maximillian, J., and J. O'Laughlin. (2009). Toward sustainable harvesting of Africa's largest medicinal plant export (*Prunus africana*): a case study in Tanzania. *Southern Forests: A Journal of Forest Science* 71(4): 303-309.

Doane, D., J. O'Laughlin, P. Morgan, and C. Miller. (2006). Barriers to wildland fire use: a preliminary problem analysis. *International Journal of Wilderness* 12(1):36-38. Available online at http://www.wilderness.net/library/documents/IJWApr06_Doane.pdf

O'Laughlin, J. (2005). Policy issues relevant to risk assessments, balancing risks, and the National Fire Plan: needs and opportunities. *Forest Ecology and Management* 211(1-2):3-14.

O'Laughlin, J. (2005). Policies for risk assessment in federal land and resource management decisions. *Forest Ecology and Management* 211(1-2):15-27.

O'Laughlin, J. (2005). Conceptual model for comparative ecological risk assessment of wildfire effects on fish, with and without fuel treatment. *Forest Ecology and Management* 211(1-2):59-72.

O'Laughlin, J. (2004). Policy analysis framework for sustainable forestry: national forest case study. *Journal of Forestry* 102(2):34-41.

Refereed Journal Articles (cont.):

O'Laughlin, J., and P.S. Cook. (2003). Inventory-based forest health indicators: implications for national forest management. *Journal of Forestry* 101(2):11-17.

O'Laughlin, J., and P.S. Cook. (2002). Resource management by epistle: the use of facts and values in policy-related communications. *Journal of Natural Resources and Life Sciences Education* 31: 25-30.

O'Laughlin, J., and J.C. Freemuth. (2000). Roadless area policy, politics and wilderness potential: toward understanding President Clinton's directive to the U.S. Forest Service. *International Journal of Wilderness* 6(1):9-12.

MacCracken, J.G., and J. O'Laughlin. (1998). Recovery policy on grizzly bears: an analysis of two positions. *Wildlife Society Bulletin* 26(4):899-907.

O'Laughlin, J., and J.R. Schumaker. (1998). Barriers to using alternative dispute resolution (ADR) in federal natural resource agencies. *Martin Journal of Conflict Resolution* 98-1, University of Idaho.

O'Laughlin, J., B. Maynard, S. Fitzgerald, A. Arneson, and D. Pittman. (1998). Seven suggestions for revising ICBEMP [Interior Columbia Basin Ecosystem Management Project]. *Journal of Forestry* 96(10):42-46.

O'Laughlin, J. (1997). Legislative mandates of the Endangered Species Act and a plea for consistent use of technical terms. *Endangered Species Update*, 14(5&6):3-6.

Schumaker, J.R., J. O'Laughlin, and J.C. Freemuth. (1997). Why don't federal agencies use alternative dispute resolution more often? *Journal of Forestry* 95(1):20-22.

MacCracken, J.G., and J. O'Laughlin. (1996). California cloud seeding and Idaho precipitation. *Journal of Weather Modification* 28:39-49.

O'Laughlin, J. (1996). Forest ecosystem health assessment: definition, measurement and management implications. *Ecosystem Health* 2(1):19-39.

Haminishi, C.M., F.G. Wagner, J. O'Laughlin, and T.M. Gorman. (1995). Idaho timber harvest projecttions by ownership to 2000: an issue-based survey of resource managers. *Western Journal of Applied Forestry* 10(3):109-113.

O'Laughlin, J., and G.H. Belt. (1995). Functional approaches to riparian buffer strip design. *Journal of Forestry* 93(2):29-32.

O'Laughlin, J. (1994). A definition of forest health (sidebar). *Journal of Forestry* 92(7):13.

O'Laughlin, J., R.L. Livingston, R. Thier, J. Thornton, D.E. Toweill, and L. Morelan. (1994). Defining and measuring forest health. *Journal of Sustainable Forestry* 2:65-85. (Also book chapter in, *Assessing Forest Ecosystem Health in the Inland West*, R.N. Sampson and D.L. Adams, editors, Haworth Press, Binghamton, New York, pp. 65-85).

O'Laughlin, J. (1994). Assessing forest health conditions in Idaho with forest inventory data. *Journal of Sustainable Forestry* 2(1/2):221-247. (Also book chapter in, *Assessing Forest Ecosystem Health in the Inland West*, R.N. Sampson and D.L. Adams, editors, Haworth Press, Binghamton, New York, pp. 221-247).

Blatner, K.A., C.E. Keegan III, J. O'Laughlin, and D.L. Adams. (1994). Forest health management policy: a case study in southwestern Idaho. *Journal of Sustainable Forestry* 2(1/2):317-337. (Also book chapter in, *Assessing Forest Ecosystem Health in the Inland West*, R.N. Sampson and D.L. Adams, editors, Haworth Press, Binghamton, New York, pp. 317-337).

Refereed Journal Articles (cont.):

Belt, G.H., and J. O'Laughlin. (1994). Buffer strip design for protecting water quality and fish habitat (technical commentary). *Western Journal of Applied Forestry* 9(2):41-45.

Brown, G., J. O'Laughlin, and C.C. Harris. (1993). Allowable sale quantity (ASQ) of timber as a focal point in national forest management. *Natural Resources Journal* 33(3):569-594.

O'Laughlin, J. (1992). The Endangered Species Act: what the law is and what it might become. *Journal of Forestry* 90(8):6-12.

O'Laughlin, J., C.M. Whatley, and C.R. McKinley. (1991). Seed orchard replacement guidelines: a linear programming approach. *Southern Journal of Applied Forestry* 15(3):117-123.

Carter, D.R., J. O'Laughlin, and C. McKinney. (1991). Southern pine beetle impacts and control policy in the 1982-1986 Texas epidemic. *Southern Journal of Applied Forestry* 15(3):145-153.

O'Laughlin, J., and L.C. Rule. (1990). The future of Alaska's forest products industry: what do some of the experts foresee? *Journal of Forestry* 88(12):16-22.

O'Laughlin, J. (1990). Comment – König-Faustmannism: a critique. *Forest Science* 26(1):180-184.

Rule, L.C., and J. O'Laughlin. (1989). Expert opinions on the future production of five manufactured wood products in the Pacific Northwest. *Western Journal of Applied Forestry* 4(3):92-98.

O'Laughlin, J., and M.G. Messina. (1988). Swedish forestry and forest policy. *Journal of Forestry* 86(7):17-22.

Cleaves, D.A., and J. O'Laughlin. (1986). Analyzing structure in wood-based industry: part I – identifying competitive strategy. *Forest Products Journal* 36(4):9-14.

Cleaves, D.A., and J. O'Laughlin. (1986). Analyzing structure in wood-based industry: part II – categorizing strategic diversity. *Forest Products Journal* 36(5):11-17.

O'Laughlin, J. (1984). Forestry curricula by region and subject matter. *Journal of Forestry* 82(9):551-554.

Cleaves, D.A., and J. O'Laughlin. (1983). Forest industry's management assistance programs for non-industrial private forests in Louisiana. *Southern Journal of Applied Forestry* 7(2):85-89.

O'Laughlin, J. (1983). Analyzing corporate annual reports in the forest economics classroom. *Journal of Forestry* 81(3):162.

O'Laughlin, J., and P.V. Ellefson. (1982). Strategies for corporate timberland ownership and management. *Journal of Forestry* 80(12):784-788, 791.

O'Laughlin, J., and P.V. Ellefson. (1981). U.S. wood-based industry structure: part I – top 40 companies. *Forest Products Journal* 31(10):55-62.

O'Laughlin, J., and P.V. Ellefson. (1981). U.S. wood-based industry structure: part II – new diversified en-trants. *Forest Products Journal* 31(11):26-33.

O'Laughlin, J., and P.V. Ellefson. (1981). U.S. wood-based industry structure: part III – strategic group analysis. *Forest Products Journal* 31(12):25-31.

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Peer Reviewed/Evaluated Publications:

Book Chapters:

O'Laughlin, J. (2008). Ecological risk assessment to support fuels treatment decisions. In, *Forest Environmental Threats Encyclopedia*, Lee, D.C., J. Beatty, C.G. Shaw, J.M. Pye, and Y. Sands, eds. Available online at http://www.forestencyclopedia.net/p/p3142

O'Laughlin, J. (1989). Economic structure and performance of forest-based industries. In, *Forest Economics and Policy Research: Strategic Directions for the Future*, P.V. Ellefson, editor, Westview Press, Boulder, Colorado, pp. 83-104.

O'Laughlin, J., D.A. Cleaves, and D.J. Skove. (1983). Forest industry programs for NIPFs: management assistance and privately funded cost-sharing. In, *Nonindustrial Private Forests: A Review of Economic and Policy Studies*, J.P. Royer and C.D. Risbrudt, editors, School of Forestry and Environmental Studies, Duke University, Durham, North Carolina, pp. 241-251.

Peer Reviewed Journal Articles:

O'Laughlin, J., and K. McElligott. (2009). Book review – *Biochar for Environmental Management: Science and Technology*, J. Lehmann and S. Joseph, eds, Earthscan Ltd. (2009). *Forest Policy and Economics* 11:535-536.

O'Laughlin, J. (2008). Book review – *Sustainable Forestry*: *From Monitoring and Modelling to Knowledge Management & Policy Science*, K.M. Reynolds, A.J. Thompson, M. Köhl, M.A. Shannon, D. Ray and K. Rennolls, eds., published by CAB International (2007). *Forest Policy and Economics* 10:426-427.

Lukman, A., and J. O'Laughlin (2008). Policy case analysis of the community involvement in biodiversity conservation decisions in the Phillipines. *Research Journal* 27(1): 54-63 (Western Mindanao State University).

Buck, M., J. O'Laughlin, and A. Robbins. (2006). Are our forests sustainable? Multiple perspectives on the National Report on Sustainable Forests - 2003. *National Forestry* 1(1):9-10.

O'Laughlin, J., and P.S. Cook. (2006). Book review – *George W. Bush's Healthy Forests: Reframing the Environmental Debate*, by J. Vaughn and H.J. Cortner, University Press of Colorado (2005). *Journal of Forestry* 104(8):438.

O'Laughlin, J. (1998). The political economy of endangered species conservation. *Electronic Green Journal* Special Issue 9, University of Idaho, Borah Conference on Planetary Stewardship. Available online at http://escholarship.org/uc/item/7pg0t01j

O'Laughlin, J. (1998). Book review – *Purple Hearts and Ancient Trees: A Forester's Life Adventures in Business, Wilderness, and War*, by J. Gruenfeld, Peanut Butter Publishing, Seattle, Washington, 1997. *International Journal of Wilderness* 4(2):47-48.

O'Laughlin, J. (1995). Book review – *The Dying of the Trees: The Pandemic in America's Forests*, by Charles E. Little, Viking Press, New York, New York, 1995. *Journal of Forestry* 93(10):55.

O'Laughlin, J. (1995). Book review – *Wild Forests: Conservation Biology and Public Policy*, by W.S. Alverson, W. Kuhlmann, and D.M. Waller, Island Press, Washington, DC, 1994. *Forest Science* 41(2):388-390.

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Policy Analysis Group Report Series (legislatively mandated and peer reviewed; 15 of these reports are in the Library of Congress online catalog)**:**

Cook, P.S., and J. O'Laughlin. (2011). Fuel treatments on rangelands. PAG Report 32, University of Idaho, Moscow, 53 p.

O'Laughlin, J., S.F. Hamilton, and P.S. Cook. (2011). Idaho's endowment lands: a matter of sacred trust. PAG Report 1, 2nd Edition, University of Idaho, Moscow, 35 p.

O'Laughlin, J. (2010). Accounting for greenhouse gas emissions from wood bioenergy: response to the U.S. Environmental Protection Agency's Call for Information, including partial review of the Manomet Center for Conservation Sciences' *Biomass Sustainability and Carbon Policy Study*. PAG Report 31, University of Idaho, Moscow. 58 p.

O'Laughlin, J. and P.S. Cook. (2010). Bighorn sheep and domestic sheep: analysis of the current situation in Idaho. PAG Report 30, University of Idaho, Moscow, 89 p.

Cook, P.S., S.K. Hacker, and J. O'Laughlin. (2009). Public land exchanges: benefits, barriers, and potential for Idaho. PAG Report 29, University of Idaho, Moscow, 56 p.

Cook, P.S., and J. O'Laughlin. (2008). Analysis of procedures for residential real estate (cottage site) leases on Idaho's endowment lands. PAG Report 28, University of Idaho, Moscow, 29 p.

Cook, P.S., and J. O'Laughlin. (2008). Off-highway vehicle and snowmobile management in Idaho. PAG Report 27, University of Idaho, Moscow, 35 p.

Cook, P.S., and J. O'Laughlin. (2006). Idaho's forest products business sector: contributions, challenges, and opportunities. PAG Report 26, University of Idaho, Moscow, 48 p.

McClure, M., P.S. Cook, and J. O'Laughlin. (2005). Delisting endangered species: process analysis and Idaho case studies. PAG Report 25, University of Idaho, Moscow, 73 p.

Cook, P.S., and J. O'Laughlin. (2004). Forest fire smoke management policy: can prescribed fire reduce subsequent wildfire emissions? PAG Report 24, University of Idaho, Moscow, 37 p.

Cook, P.S., and J. O'Laughlin. (2003). Comparison of two forest certification systems and Idaho's legal requirements. PAG Report 23, University of Idaho, Moscow, 48 p.

Harris, C., P.S. Cook, and J. O'Laughlin. (2003). Forest resource-based economic development in Idaho: analysis of concepts, resource management policies, and community effects. PAG Report 22, University of Idaho, Moscow, 74 p.

O'Laughlin, J., and P.S. Cook. (2001). Endowment fund reform and Idaho's state lands: evaluating financial performance of forest and rangeland assets. PAG Report 21, University of Idaho, Moscow, 117 p.

Cook, P.S., and J. O'Laughlin. (2001). Taxing forest property: analysis of alternative methods and impacts in Idaho. PAG Report 20, University of Idaho, Moscow, 35 p.

Cook, P.S, and J. O'Laughlin. (2000). Toward sustainable forest management: part II – the role and effects of timber harvesting in Idaho. PAG Report 19, University of Idaho, Moscow, 174 p.; Executive Summary separately available, 37 p.

Cook, P.S., and J. O'Laughlin. (1999). Toward sustainable forest management: part I – certification programs. PAG Report 18, University of Idaho, Moscow, 85 p.

O'Laughlin, J., K. McGuire, and J. Carlson. (1998). Public opinion of water quality issues and funding options in Idaho. PAG Report 17, University of Idaho, Moscow, 76 p.

Policy Analysis Group Report Series (legislatively mandated and peer reviewed; 15 of these reports are in the Library of Congress online catalog) (cont.)**:**

O'Laughlin, J., W.R. Hundrup, and P.S. Cook. (1998). History and analysis of federally administered lands in Idaho. PAG Report 16, University of Idaho, Moscow, 125 p.

Mosley, J.C., P.S. Cook, A.J. Griffis, and J. O'Laughlin. (1997). Guidelines for managing cattle grazing in riparian areas to protect water quality: review of research and best management practices policy. PAG Report 15, University of Idaho, Moscow, 67 p.

O'Laughlin, J. (1996). Idaho water quality policy for nonpoint source pollution: a manual for decision makers. PAG Report 14, University of Idaho, Moscow, 117 p.; Executive Summary separately available, 32 p.

O'Laughlin, J., and P.S. Cook, with contributions by K. Rogers and T. Merrill. (1995). Endangered Species Act at the crossroads: new directions from Idaho case studies. PAG Report 13, University of Idaho, Moscow, 307 p.; Executive Summary separately available, 24 p.

MacCracken, J.G., D. Goble, and J. O'Laughlin. (1994). Grizzly bear recovery in Idaho. PAG Report 12, University of Idaho, Moscow, 110 p.

O'Laughlin, J., J.G. MacCracken, D.L. Adams, S.C. Bunting, K.A. Blatner, and C.E. Keegan III. (1993). Forest health conditions in Idaho. PAG Report 11, University of Idaho, Moscow, 244 p.; Executive Summary separately available, 37 p.

MacCracken, J.G., J. O'Laughlin, and T. Merrill. (1993). Idaho roadless areas and wilderness proposals. PAG Report 10, University of Idaho, Moscow, 57 p.

Merrill, T., and J. O'Laughlin. (1993). Analysis of methods for determining minimum instream flows for recreation. PAG Report 9, University of Idaho, Moscow, 46 p.

Belt, G.H., J. O'Laughlin, and T. Merrill. (1992). Design of forest riparian buffer strips for the protection of water quality: analysis of scientific literature. PAG Report 8, University of Idaho, Moscow, 35 p.

MacCracken, J.G., and J. O'Laughlin. (1992). A national park in Idaho? Proposals and possibilities. PAG Report 7, University of Idaho, Moscow, 33 p.

MacCracken, J.G., and J. O'Laughlin, editors. (1991). Silver Valley resource analysis for pulp and paper mill feasibility. PAG Report 6, University of Idaho, Moscow, 28 p.

Turner, A.C., and J. O'Laughlin. (1991). State agency roles in Idaho's water quality policy. PAG Report 5, University of Idaho, Moscow, 212 p.; Executive Summary, 26 p., and Agency Self-Studies, 245 p. separately available.

Wise, C., J.J. Yeo, D. Goble, J.M. Peek, and J. O'Laughlin. (1991). Wolf recovery in central Idaho: alternative strategies and impacts. PAG Report 4, University of Idaho, Moscow, 36 p.

Wise, C., and J. O'Laughlin. (1990). Idaho Department of Fish and Game's land acquisition and land management program. PAG Report 3, University of Idaho, Moscow, 26 p.

Johnson, K.L., C. Mosley, J.C. Mosley, and J. O'Laughlin. (1990). BLM riparian policy in Idaho: analysis of public comment on a proposed policy statement. PAG Report 2, University of Idaho, Moscow, 28 p.

O'Laughlin, J. (1990). Idaho's endowment lands: a matter of sacred trust. PAG Report 1, University of Idaho, Moscow, 18 p.

Other Publications:

PAG Project Reports, Other than Legislatively Mandated Report Series—Issue Briefs:

O'Laughlin, J. (2011). Secure Rural Schools program reauthorization, U.S. Forest Service timber sale program, and trust land management. PAG Issue Brief 14, University of Idaho, Moscow, 16 p.

O'Laughlin, J. (2010). Wildfire risk reduction, fuels treatment, and federal land management planning: incorporating risk analysis into landscape- and project-level planning. Presentation to the Wildland Fire Leadership Council, Reno, Nevada. PAG Issue Brief 13, University of Idaho, Moscow, 6 p.

Lane, R., and J. O'Laughlin. (2010). Biomass Crop Assistance Program (BCAP): analysis of proposed options for "matching payments" for the collection, harvest, and transport of forest biomass payment options. PAG Issue Brief 12, University of Idaho, Moscow, 10 p.

O'Laughlin, J. (2008). Carbon sequestration strategies in the forestry sector. PAG Issue Brief 11, University of Idaho, Moscow, 17 p.

O'Laughlin, J. (2007). Timber harvests and receipts from National Forest System lands in Idaho. PAG Issue Brief 10, University of Idaho, Moscow, 13 p.

O'Laughlin, J. (2007). Fuel treatment and wildfire behavior. PAG Issue Brief 9, University of Idaho, Moscow (withdrawn and converted to PAG Report, in progress this date).

O'Laughlin, J., and J.A. Helms. (2006). Ecosystem services and environmental market potentials: Portland Katoomba conference notes. PAG Issue Brief 8, University of Idaho, Moscow, 8 p.

O'Laughlin, J. (2006). Forest health and biomass energy potential in Idaho: time for a "Renewable Portfolio Standard" policy? PAG Issue Brief 7, University of Idaho, Moscow (withdrawn and converted to Forestry Task Force report, Idaho Strategic Energy Alliance, Boise, Idaho).

O'Laughlin, J. (2005). Economic impact of salmon and steelhead fishing in Idaho: review of the Idaho Rivers United report. PAG Issue Brief 6, University of Idaho, Moscow, 20 p.

Cook, P.S., and J. O'Laughlin. (2004). Are prescribed burning projects feasible in Idaho's wilderness areas? PAG Issue Brief 5, University of Idaho, Moscow, 7 p.

O'Laughlin, J. (2004). Policies for risk assessment in federal land and resource management decisions. PAG Issue Brief 4, University of Idaho, Moscow, 12 p.

O'Laughlin, J. (2003). Superfund liability reform in 2002. PAG Issue Brief 3, University of Idaho, Moscow, 7 p.

O'Laughlin, J. (2003). The variable impact of dams on Columbia and Snake River salmon populations. PAG Issue Brief 2, University of Idaho, Moscow, 2 p.

O'Laughlin, J. (2001). Softwood lumber imports from Canada. PAG Issue Brief 1, University of Idaho, Moscow, 10 p.

PAG Project Reports, Other than Legislatively Mandated Report Series—Fact Sheets:

O'Laughlin, J. (2012). Idaho forest products industry – 2011 situation and near-term outlook. PAG Fact Sheet 9 prepared for the Idaho Legislature's Economic Outlook and Revenue Assessment Committee.

O'Laughlin, J. (2011). Federal land as a percentage of total state land area. PAG Fact Sheet 8, University of Idaho, Moscow, 1 p.

PAG Project Reports, Other than Legislatively Mandated Report Series—Fact Sheets (cont.)**:**

Wendland, Kelly, and J. O'Laughlin, J. (2012). Economic contribution of Idaho's natural resources. PAG Fact Sheet 7, revised, University of Idaho, Moscow, 1p.

O'Laughlin, J., and S. McMurray (2012). University of Idaho report measures pulse of Idaho's forest products industry. PAG Fact Sheet 6, revised, University of Idaho, Moscow, 2 p.

O'Laughlin, J. (2009). Environmental benefits of using biomass as an energy feedstock. PAG Fact Sheet 5, University of Idaho, Moscow, 1 p.

O'Laughlin, J. (2011). High forest mortality and low timber removal rates in the western states promise hazardous fuel accumulations and big fires. PAG Fact Sheet 4, revised, University of Idaho, Moscow, 2 p.

O'Laughlin, J. (2008). Trends in U.S. wildfires and Idaho forest fuel loading. PAG Fact Sheet 3, University of Idaho, Moscow, 1 p.

O'Laughlin, J. (2008). Idaho forest facts and forestry issues. PAG Fact Sheet 2, revised, University of Idaho, Moscow, 6 p.

O'Laughlin, J., and P.S. Cook. (2006). Idaho forest products business sector. PAG Fact Sheet 1, University of Idaho, Moscow, 2 p.

PAG Project Reports, Other than Legislatively Mandated Report Series—Miscellaneous:

O'Laughlin, J., compiler. (2012). Idaho Governor's Sage Grouse Task Force recommendations report. College of Natural Resources Policy Analysis Group, University of Idaho, Moscow. 34 p.

O'Laughlin, J., D. Kenops, D. New, and C. Slaughter. (2010). Climate change, bioenergy and sustaining the forests of Idaho and Montana, conference report, Boise, Idaho. College of Natural Resources Policy Analysis Group, University of Idaho, Moscow, 15 p.

O'Laughlin, J. (2002). Program Review of the Idaho Forest, Wildlife and Range Policy Analysis Group. Contribution no. 865, revised, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 36 p.

O'Laughlin, J., C. Mirecki, and Z.L. Wilkin. (1999). Risk analysis in natural resources management: annotated bibliography. Contribution no. 878, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 41 p.

O'Laughlin, J., and C.R. Hatch. (1999). Ten-year program review of the Idaho Forest, Wildlife and Range Policy Analysis Group. Review draft for the PAG Advisory Committee. Contribution no. 865, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 36 p.

O'Laughlin, J., P.S. Cook, and others. (1998). Review comments on "Forest Health" paper by Brian Ravenscroft, requested by Idaho State Board of Land Commissioners, Boise, Idaho.

O'Laughlin, J. (1997). Clean Water Act implementation in Idaho. Slide show with narrative text, and videotape presentation for CWA workshops. Contribution no. 845, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 19 p., 56 slides, 27 minute videotape.

Wagner, F.G., J. O'Laughlin, and T.M. Gorman. (1997). Idaho's 1996 timber harvest. Contribution no. 838, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow. 6 p.

O'Laughlin, J., and A. Griffis. (1995). Proposed U.S. Forest Service reorganization in Idaho: survey results. Contribution no. 760, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 38 p.

PAG Project Reports, Other than Legislatively Mandated Report Series—Miscellaneous (cont.)**:**

MacCracken, J.G., and J. O'Laughlin. (1995). Does California cloud seeding affect Idaho precipitation? Contribution no. 744, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 13 p.

O'Laughlin, J., J.G. MacCracken, D.L. Adams, S.C. Bunting, K.A. Blatner, and C.E. Keegan, III. (1994). Salvage logging and forest health. Wilderness Issues Colloquium, College of Forestry, Wildlife and Range Sciences. Contribution no. 739, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 31 p.

Wagner, F.G., and J. O'Laughlin. (1994). Idaho's 1993 timber harvest. Contribution no. 740, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 6 p.

Wagner, F.G., and J. O'Laughlin. (1993). Idaho's 1992 timber harvest. Contribution no. 708, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 6 p.

Hendee, J.C., and J. O'Laughlin. (1993). PAG client evaluation survey questionnaire and results: phase three of the program review of the Idaho Forest, Wildlife and Range Policy Analysis Group. Contribution no. 673, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 32 p.

Hendee, J.C., and J. O'Laughlin. (1993). Program review of the Idaho Forest, Wildlife and Range Policy Analysis Group. Contribution no. 672, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 14 p.

Merrill, T., and J. O'Laughlin. (1992). Determining instream flow for recreation: results from a survey of experts. Contribution no. 667, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 38 p.

O'Laughlin, J., editor. (1991). Silver Valley pulp and paper mill feasibility study. Contrib. no. 601, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 145 p.

Experiment Station Report Series:

Morgan, T.A., C.E. Keegan III, S.W. Hayes, C.B. Sorenson, J. O'Laughlin, R.G. Taylor, P. Watson, T.M. Gorman, and S.R. Shook (2011). Idaho's forest products industry current conditions and 2012 forecast. Station Bulletin 98, Contribution No. 1066, Idaho Forest, Wildlife, and Range Experiment Station, College of Natural Resources, University of Idaho, Moscow, 4 p.

Morgan, T.A., C.E. Keegan III, S.W. Hayes, C.B. Sorenson, S.R. Shook, F.G. Wagner, and J. O'Laughlin (2011). Idaho's forest products industry current conditions and 2011 forecast. Station Bulletin 97, Contribution No. 1057, Idaho Forest, Wildlife, and Range Experiment Station, College of Natural Resources, University of Idaho, Moscow, 4 p.

O'Laughlin, J., and R.A. Williams. (1988). Forests and the Texas economy. Bulletin B-1596, Texas Agricultural Experiment Station, Texas A&M University, College Station, 65 p.

O'Laughlin, J. and P.V. Ellefson. (1982). New diversified entrants among U.S. wood-based companies: a study of economic structure and corporate strategy. Bulletin 541-1982, Forestry Series 37, University of Minnesota Agricultural Experiment Station, St. Paul, 63 p.

Ellefson, P.V., J. O'Laughlin, and R.A. Skok. (1981). Minnesota timber policy options: a classification of alternatives contained in the Legislative Commission on Minnesota Resources Timber Development Study. Bulletin 543-1981, Forestry Series 38, University of Minnesota Agricultural Experiment Station, St. Paul, 46 p.

Proceedings of Professional Meetings:

O'Laughlin, J., D. Solan, and L. Wennstrom. (2012). Identifying barriers and potential solutions to facilitate woody biomass to energy projects in Idaho: Roundtable report. Energy Policy Institute, Center for Advanced Energy Studies, Boise, Idaho. 31 p. Available online at http://epi.boisestate.edu/media/10210/final cda report & briefing document.pdf

O'Laughlin, J. (2011). Presentation abstract: policy analysis of fuel treatment effectiveness on forests and rangelands. Proceedings of the 2011 Society of American Foresters National Convention. *Journal of Forestry* 109(8): 515.

O'Laughlin, J. (2011). Policy developments supporting western forest-based economies in Idaho and the Interior West. Western Forest Economists 46th Annual Meeting, Welches, Oregon. Available online at http://www.masonbruce.com/wfe/2011Program/Presentations/JayO%27L_WFE_05-11-11-compressed.pdf

O'Laughlin, J. (2010). Ecological risk assessment to support fuel treatment project decisions. In, *Advances in Threat Assessment and Their Application to Forest and Rangeland Management*, J.M. Pye, H.M. Rauscher, Y. Sands, D.C. Lee, and J.S. Beatty, eds. General Technical Report PNW-802, U.S. Dept. of Agriculture, Forest Service, Portland, Oregon. Vol. 2, pp. 249-270. Available online at http://www.treesearch.fs.fed.us/pubs/36995

O'Laughlin, J. (2010). The forest-bioenergy-carbon connection. In, *Integrated Management of Carbon Sequestration and Biomass Utilization Opportunities in a Changing Climate.* Proceedings, National Silviculture Workshop, Boise, Idaho (June 16-19, 2009). Proceedings RMRS-P-61. U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Research Station, Ft. Collins, Colorado, p. 129-134. Available online at http://www.treesearch.fs.fed.us/pubs/36839

O'Laughlin, J. (2010). Biomass Crop Assistance Program (BCAP) payment options, analysis & key program updates. PowerPoint presentation and script for Audio Conference, Biowood Energy (ThermQuest LLC), Hatfield, Massachusetts (May 11 and subsequent repeat conferences).

O'Laughlin, J. (2008). Terrestrial carbon sequestration. Presentation, Big Sky Carbon Sequestration Partnership annual meeting, Spokane, Washington (October 2008). Available online at http://www.bigskyco2.org/files/presentations/O_Laughlin_BSCSP_10-28-08.pdf

O'Laughlin, J. (2008). Risk analysis and natural resources management: uncharacteristic wildfire, air and water quality, and federal land management policy. Abstracts of author's works prepared for the Joint Fire Sciences Program Risk Roundtable, San Diego, California (December 2007); updated for the Joint Fire Sciences Program Board, Seattle, Washington (May 2008). 16 p. Available online at http://www.cnrhome.uidaho.edu/default.aspx?pid=118275

O'Laughlin, J. (2007). Planning approach for reducing wildfire risks on federal lands. Briefing paper for the Wildland Fire Leadership Council, Red Lodge, Montana (June 2007). Available online at http//www.cnrhome.uidaho.edu/default.aspx?pid=101286

O'Laughlin, J. (2007). Idaho state lands: establishing an asset value. Western Forest Economists 42nd annual meeting, Welches, Oregon. Available online at http://www.masonbruce.com/wfe/2007Program/jay-o.pdf

O'Laughlin, J., and N. Jensen (2007). Applying the EPA's ecological risk assessment framework to support fuels treatment project decisions. 17th Annual Nonpoint Source Water Quality Monitoring Results Workshop, Idaho Department of Environmentral Quality, Boise, Idaho. Available online at http://www.cnrhome.uidaho.edu/default.aspx?pid=99756

O'Laughlin, J. (2006). Forest health, risk assessment, and the National Fire Plan. In, *Perspectives on America's Forests: Multiple Perspectives on the National Report on Sustainable Forests—2003*, Society of American Foresters, Bethesda, Maryland, pp. 41-52, available online at http://www.safnet.org/fp/documents/PerspectivesOnAmericasForests.pdf

Proceedings of Professional Meetings (cont.)**:**

O'Laughlin, J. (2006). Forest health and woody biomass potential in the Northern Rockies. Woody Biomass Energy Meeting, Adams County Biomass Working Group, Boise, Idaho. Available online at http://www.cnrhome.uidaho.edu/default.aspx?pid=92878

O'Laughlin, J. (2004). The economic role of forest products in Idaho. Western Forest Economists 39th annual meeting, Welches, Oregon. Available online at http://www.masonbruce.com/wfe/2004Program/GS21_Jay_OLaughlin.pdf

O'Laughlin, J. (2004) What discount rate is appropriate for evaluating sustainable resource management? How about zero? Western Forest Economists 39th annual meeting, Welches, Oregon. At http://www.masonbruce.com/wfe/2004Program/3A2_Jay_OLaughlin.pdf

O'Laughlin, J. (2004). Forest restoration needs in the Northern Rockies. Healthy Forests and Thriving Communities: Biomass Energy and Wood Products Conference, Denver, Colorado. Available online at http://www.healthyforests.gov/initiative/biomass_conference/presentations/olaughlin.ppt

O'Laughlin, J. (2003). Managing fish habitat and wildfire risks in national forests: problem formulation for comparative ecological risk assessment. Presented at Conference on Risk Assessment for Decision-Making Related to Uncharacteristic Wildfires, Oregon State University Forestry Outreach Education. November 17-19, Portland, Oregon. Available online at http://outreach.cof.orst.edu/riskassessment/presentations/olaughlinj_files/v3_document.htm

O'Laughlin, J. (2000). Resource management by epistle: a classroom exercise on the use of facts and values in "truth to power" (scientist to policymaker) communications. In, Book of Abstracts: 8th International Symposium on Society and Natural Resource Management, General Technical Report PNW-GTR-497, U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station, Portland, Oregon, p. 236. (Paper presented is Contribution no. 912, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 14 p. + 4 p. handout.)

O'Laughlin, J., and P.S. Cook. (2000). Initiatives for new approaches to managing federal "multiple-use" lands. In, Book of Abstracts: 8th International Symposium on Society and Natural Resource Management, General Technical Report PNW-GTR-497, U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station, Portland, Oregon, p. 236-237.

O'Laughlin, J. (1998). Forest health and fire in Idaho. In, Fire Management Under Fire (Adapting to Change), Proceedings of the 1994 Interior West Fire Council Meeting and Program, K. Close and R.A. Bartlette, editors, International Association of Wildland Fire, Fairfield, Washington, p. 15-24.

Schumaker, J., and J. O'Laughlin. (1997). Challenges for federal agencies in using environmental conflict resolution: finding the right toolkit. In, Proceedings: Environmental Conflict Resolution in the West Conference, K. Emerson, R. Yarde, and T. Heikkila, compilers and editors, Udall Center for Studies in Public Policy, University of Arizona, Tucson, p. 65-74.

O'Laughlin, J. (1996). Who owns northern Idaho forests? How does that influence management? In, Dynamics of Northern Idaho Forests: A Symposium on Plants, Animals, and People, USDA Forest Service and other sponsors, Coeur d'Alene, Idaho, looseleaf, 3 p.

O'Laughlin, J. (1995). Biological and non-biological factors in ESA implementation. In, The Endangered Species Act: Reauthorization or Extinction? American Bar Association and Northwestern School of Law of Lewis & Clark College, Portland, Oregon, looseleaf, 8 p.

O'Laughlin, J. (1995). Connecting the species together: the critical importance of critical habitat. In, The Endangered Species Act. Law Seminars International, Seattle, Washington, looseleaf, 14 p.

Proceedings of Professional Meetings (cont.)**:**

O'Laughlin, J. (1995). Forest health concepts and forest resource management. In, Proceedings: Society of American Foresters 1994 National Convention, Anchorage, Alaska, Society of American Foresters, Bethesda, Maryland, p. 92-97.

O'Laughlin, J. (1995). Natural resource policy analysis and issue education in Idaho: five-year progress report on the Policy Analysis Group. In, Proceedings: Society of American Foresters 1994 National Convention, Anchorage, Alaska, Society of American Foresters, Bethesda, Maryland, p. 339-344.

O'Laughlin, J. (1995). Forest health in Idaho national forests. In, Proceedings: Forest Health and Fire Danger in Inland Western Forests Conference, American Forests and other sponsors, Washington, DC, p. 33-39.

O'Laughlin, J. (1995). Forest health concepts and their application to managing Idaho forests. In, Proceedings: Ecosystem Management in Western Interior Forests Symposium, R.L. Everett and D.M. Baumgartner, compilers, Cooperative Extension, Washington State University, Pullman, p. 25-39.

O'Laughlin, J. (1994). Endangered and threatened species related to riparian management. In, Diverse Values: Seeking Common Ground, Northwest Regional Riparian Symposium, Boise, Idaho, p. 19-30.

O'Laughlin, J. (1994). The role of tree improvement in forest health and sustainable forestry. In, Nimbyism, Genetic Improvement, and Plantation Forestry. Inland Empire Tree Improvement Cooperative annual meeting, Post Falls, Idaho, p. 11-18.

O'Laughlin, J. (1993). Exploring the definition of forest health. In, Proceedings: Forest Health in the Inland West Symposium. Department of Forest Resources, University of Idaho, and USDA Forest Service, Boise, Idaho, p. 9-14.

Carter, D.R., and J. O'Laughlin. (1989). Changing technology and the quantity demand for Texas pulpwood. Southern Forest Economics Workshop, San Antonio, Texas, p. 170-181.

Williams, R.A., and J. O'Laughlin. (1989). Relative magnitude of primary and secondary wood-based industries by state. Southern Forest Economics Workshop, San Antonio, Texas, p. 160-169.

O'Laughlin, J. (1986). Do forestry curricula meet employers' needs? Southern Forestry Symposium. National Association of Professional Forestry Schools and Colleges, Southern Region, Atlanta, Georgia, p. 19-27.

O'Laughlin, J. (1986). Financial analysis applied to forestry: input and output considerations. In, Data Management Issues in Forest Management. Forest Resources Systems Institute, Atlanta, Georgia, p. 63-77.

O'Laughlin, J., L.C. Rule, and C.D. Risbrudt. (1986). U.S. Forest Service research: what proportion sustains (vs. enhances) productivity? Southern Forest Economics Workshop, New Orleans, Louisiana, p. 117-127.

O'Laughlin, J. (1986). Forestry "futures" education: survey results. In, Proceedings: Society of American Foresters 1985 National Convention, Ft. Collins, Colorado. Society of American Foresters, Bethesda, Maryland, p. 356-359.

Cleaves, D.A., and J. O'Laughlin. (1985). Forest inventory, plant locations, and firm strategies in the southern plywood industry. Southern Forest Economics Workshop, Athens, Georgia, p. 35-42.

O'Laughlin, J. (1982). Timber demand and price—Will they be there? In, A New Era for Timberland Investment. Texas Agricultural Extension Service, College Station, Texas, p. 31-49.

Professional Publications (Society of American Foresters):

O'Laughlin, J. (2011). Forest biomass markets: economics and policy primer. *Western Forester* 56(1): 8-9. Available online at http://www.forestry.org/media/docs/westernforester/2011/jan11.pdf

Kenops, D., J. O'Laughlin, and D. Atkins. (2010). SAF and partners focus on sustaining Idaho and Montana forests. *Western Forester* 55(3):8-9. Available online at http://www.forestry.org/media/docs/westernforester/2010/june10.pdf

O'Laughlin, J., and D. Nalle. (2007). Carbon markets, wildfire, and air quality. *Western Forester* 52(2):16-17. At http://www.forestry.org/media/docs/westernforester/2007/march07.pdf

O'Laughlin, J. (2007). Ecosystem services: everything under the sun? *Western Forester* 52(2):4. Available online at http://www.forestry.org/media/docs/westernforester/2007/march07.pdf

O'Laughlin, J. (2005). The fire/fish risk management problem. *Western Forester* 50(2):12-13. Available online at http://www.forestry.org/media/docs/westernforester/2005/0405.pdf

O'Laughlin, J. (2003). Stewardship contracting: a brief overview. *Western Forester* 47(1):1. Available online at http://www.forestry.org/media/docs/westernforester/2003/wf_feb03.pdf

O'Laughlin, J. (2002). SAF and forest policy: a guide to position statement development. Available online at http://www.eforester.org/fp/policyprocess.cfm

O'Laughlin, J. (2000). SAF and the future of forestry. *Western Forester* 45(6):6-7.

O'Laughlin, J., S. Fitzgerald, and A. Arneson. (1998). Why are we involved in ICBEMP [Interior Columbia Basin Ecosystem Management Project]? *Western Forester* 43(3):2,4.

O'Laughlin, J. (1996). Opinion: Is there a forest health crisis in this country? *The Forestry Source* 1(6):7.

O'Laughlin, J. (1995). Identifying and resolving potential Endangered Species Act problems. *Western Forester* 40(3):6-7,21.

O'Laughlin, J., and G.H. Belt. (1994). Functional approaches to riparian buffer strip design. *Western Forester* 39(6):12-14.

Invited Papers:

O'Laughlin, J. (2012, uncredited section author). Idaho's resources: Bioenergy. Section 2.3.5, pages 44-46, in, 2012 Idaho Energy Plan, Idaho Legislative Council's Interim Committee on Energy, Environment and Technology with the assistance of the Idaho Strategic Energy Alliance, Boise, Idaho (January 2012). Available online at http://www.legislature.idaho.gov/sessioninfo/2012/interim/energyplan_2012.pdf

O'Laughlin, J. (2011, uncredited principal author). Using forest biomass for energy production. Policy Resolution 11-2, Western Governors' Association, Denver, Colorado. Available online at http://www.westgov.org/component/joomdoc/doc_download/1517-11-2

O'Laughlin, J., R. Mahoney, C. Schnepf, and B. Stewart. (2011). Payments for forest carbon sequestration. Climate, Forests and Woodlands eXtension Community of Practice (CoP) website. At http://www.extension.org/pages/Payments_for_Forest_Carbon_Sequestration

O'Laughlin, J. (2010). Economics and policy make or break forest biomass markets. *Northwest Woodlands* 26(3):18-19.

O'Laughlin, J., and L. Dukes. (2009). Burning wood for energy: back to the future solution for modern problems. *Couer d'Alene Press*, "A Salute to Timber" supplement, October 16, p. 5-6.

Invited Papers (cont.)**:**

O'Laughlin, J. (2009). Active forest conservation beats passive preservation: addressing accumulated forest fuels can yield a triple win. *California Forests* 13(1):10-11. Available online at http://www.foresthealth.org/magazine/Winter09.pdf

McMurray, S., with J. O'Laughlin. (2008). Knock on wood ─ rethinking our sources of energy. *Celebrating Natural Resources* 25(1):16-17. College of Natural Resources alumni magazine, University of Idaho, Moscow. Available online at http://www.uihome.uidaho.edu/documents/CNR_Fall08_final.pdf?pid=115110&doc=1

O'Laughlin, J., and R. Mahoney. (2008b). Payments for forest carbon sequestration. *Woodland Notes* 20(1):1, 4. Available online at http://www.uidaho.edu/extension/forestry/content/news/~/media/Files/Extension/Forestry/woodlandnotes/Vol.%2020_No.%201.ashx

O'Laughlin, J., and R. Mahoney. (2008a). Forests and carbon. *Woodland Notes* 19(2): unpaged. Available online at http://www.uidaho.edu/extension/forestry/content/news/~/media/Files/Extension/Forestry/woodlandnotes/Vol%2019%20No%202.ashx

McMurray, S., with J. O'Laughlin. (2007). How risky are forest fuel treatments? *Celebrating Natural Resources* 24(1):10-11. College of Natural Resources alumni magazine, University of Idaho, Moscow. At http://www.uidaho.edu/~/media/Files/CNR/College%20Publications/fall07.ashx

O'Laughlin, J. (2004). The evolution of public policy [and] national cooperative efforts [of CNR and the USDA Forest Service]. *Celebrating Natural Resources* 21(1):18-19. College of Natural Resources alumni magazine, University of Idaho, Moscow. Available online at http://www.uidaho.edu/~/media/Files/CNR/College%20Publications/CNR_Winter04.ashx

O'Laughlin, J. (2004). Risk assessment and natural resource management decisions: the "fire/fish" risk management problem. Handout to various audiences (see **Presentations** below). Available on-line at http://www.cnrhome.uidaho.edu/default.aspx?pid=75945

O'Laughlin, J. (2004). Ecological risk assessment and communication: a model comparing wildfire effects with and without hazardous fuel treatments. Colloquium on Sustainable Forest Management, USDA Forest Service, Washington, DC. Available online at http://www.cnrhome.uidaho.edu/default.aspx?pid=69477

Cook, P.S., and J. O'Laughlin. (2004). Understanding forest and forest product certification. Logger Education to Advance Professionalism (LEAP) update workshops, 6 northern Idaho locations. Available online at http://www.cnrhome.uidaho.edu/default.aspx?pid=69512

O'Laughlin, J. (2004). Idaho forest trends – industry & economy, forest health & policy. Presented at Information Luncheon for Legislators, Society of American Foresters, Boise, Idaho. Contribution no. 987, College of Natural Resources Experiment Station, University of Idaho, Moscow. Handout to various audiences (see **Presentations** below). Available online at http://www.cnrhome.uidaho.edu/default.aspx?pid=69488

O'Laughlin, J. (2003). Managing fish habitat and wildfire risks in national forests: problem formulation for comparative ecological risk assessment. Conference on Risk Assessment for Decision-Making Related to Uncharacteristic Wildfires, Oregon State University Forestry Outreach Education, Portland, OR. Available online at http://outreach.cof.orst.edu/riskassessment/presentations/olaughlinj_files/v3_document.htm

O'Laughlin, J., and P.S. Cook. (2003). Western national forests: softwood resource conditions and management implications. In, *Evergreen Magazine* (Spring), "The Truth About America's Forests," 8th ed., p. 18-27.

O'Laughlin, J., and R. Neznek. (2003). Woodland owners will benefit from the President's Healthy Forests Initiative. *Northwest Woodlands* 19(4):18-19.

Invited Papers (cont.)**:**

O'Laughlin, J. (2003). The case for active management on public lands. Presented at Inland Empire Society of American Foresters and Montana Society of American Foresters joint annual meeting, March 14, 2003, Missoula, MT. Contribution no. 972, College of Natural Resources Experiment Station, University of Idaho, Moscow. Available online at http://www.cnrhome.uidaho.edu/default.aspx?pid=69469

O'Laughlin, J. (2003). Endangered Species Act: What does it do? How does it work? Presented to undergraduate classes at University of Idaho, Washington State University, and University of Montana. Available online at http://www.cnrhome.uidaho.edu/default.aspx?pid=69489

O'Laughlin, J. (2003). Idaho forest facts and forestry issues. Presented at Informational Luncheon for Legislators, Society of American Foresters, February 17, Boise, Idaho. Originally published by Jay O'Laughlin and Philip S. Cook, Contribution no. 969 (revised), College of Natural Resources Experiment Station, University of Idaho, Moscow. Handout with slide and/or overhead transparency presentations to various audiences (see **Presentations** below), 10 p.

O'Laughlin, J., P.S. Cook, J.E. Force, P. Brown, and C.E. Keegan. (2003). Implementing sustainable forest management in the Inland Northwest: a guide to research information on the Internet. Presented at Inland Northwest Foresters Forum, February 13, Post Falls, Idaho. Contribution no. 955 (revised). Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow.

O'Laughlin, J. (2003). Forest conditions: Idaho national forests. Presented in the "Habitat" portion of the Clearwater Elk Summit, convened by Sen. Mike Crapo, January 25, 2003, Lewiston, Idaho. Contribution no. 968, College of Natural Resources Experiment Station, University of Idaho, Moscow.

O'Laughlin, J. (2002). Commentary: "[National] Forests need more, not less, active management." *Idaho Falls Post Register*, September 1, p. A9.

O'Laughlin, J. (2002). Idaho forest health conditions – 2002 update. Contribution no. 958, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 15 p. For Idaho Council on Industry and the Environment (statistics published in their newsletter) and the Idaho Forest Products Commission (published on their Internet site).

O'Laughlin, J. (2002). Reducing hazardous fuels: comprehensive silviculture and sustainable forestry. "Research Panel" presentation to Western Governors Association, Secretaries of Interior and Agriculture, and Chair, Council on Environmental Quality, at signing of the 10-year Implementation Plan for the National Fire Plan, May 23, Idaho City, Idaho. Contribution no. 957, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho.

O'Laughlin, J. (2002). Community-based land management and Charter Forests. Testimony for Society of American Foresters at Oversight Hearing, Subcommittee on Forests and Forest Health, Committee on Resources, U.S. House of Representatives, April 25, Washington, DC. Serial No. 107-108, p. 11-20. Aavailable online at http://www.gpo.gov/fdsys/pkg/CHRG-107hhrg78923/pdf/CHRG-107hhrg78923.pdf

O'Laughlin, J. (2001). What should forests sustain? Comprehensive forest policy analysis with a "policy sciences" framework. Policy Sciences Annual Institute, Yale University, New Haven, Connecticut.

Federal Lands Task Force Working Group, with contributions by Jay O'Laughlin (2000). Breaking the gridlock: federal land pilot projects in Idaho. Report of the Idaho Federal Lands Task Force Working Group to the Idaho State Board of Land Commissioners, Boise, Idaho, 181 p. Available online at http://www.idl.idaho.gov/LandBoard/flt/FedLandTaskForce2000ver02.pdf

Invited Papers (cont.)**:**

O'Laughlin, J. (2000). Federal land policy: programs to reduce wildfire risk and improve forest ecosystem health must overcome barriers to active management. Presentation to the Idaho State Board of Land Commissioners' Federal Lands Task Force Working Group, Boise, Idaho. Contribution no. 913, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 28 p.

O'Laughlin, J. (2000). Idaho forest facts, featuring Idaho national forests. Handout to accompany slide and/or overhead transparency presentations to various audiences (see **Presentations** below), 9 p.

O'Laughlin, J. (2000). Trust concepts applied to the federal public lands: a new approach for sustaining human communities and biological diversity. Presentation to the Idaho State Board of Land Commissioners' Federal Lands Task Force Working Group, Boise, Idaho, 10 p.

O'Laughlin, J. (1999). Conflict management: a policy orientation. Presented to RRT 504 Special Topics: Natural Resources Conflict Colloquium, University of Idaho, Moscow, 39 p.

O'Laughlin, J. (1999). New approaches and initiatives for managing federal lands. Presentation to the Conference of Western Attorneys General, Juneau, Alaska. Contribution no. 879, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 18 p.

Federal Lands Task Force, with uncredited contributions by Jay O'Laughlin (1998). New approaches for managing federally administered lands. Report of the Federal Lands Task Force to the Idaho State Board of Land Commissioners, Boise, Idaho, 62 p. Available online at http://www.idl.idaho.gov/LandBoard/flt/New-Approaches-for-Managing-Federally-Admin-Lands/new-approaches-for-managing-federally-administered-lands.pdf

O'Laughlin, J. (1998). Review comments, Report on Forest Health of the United States by the Forest Health Science Panel, Congress of the United States, House of Representatives. CINTRAFOR RE43B, Center for International Trade in Forest Products, Univ. of Washington, Seattle, 7 p.

O'Laughlin, J., M.H. Robison, F.G. Wagner, and W. Wiggins. (1998). Review comments, "The Idaho Forest: A Miracle at Work" pamphlet. Idaho Forest Products Commission, Boise, 8 p.

O'Laughlin, J. (1998). The political economy of endangered species conservation (abstract). In, Planetary Stewardship: An Interdisciplinary Conference on the Environment, Program and Abstracts, D.M. Hanson, compiler and editor, Borah Foundation and the Martin Institute, University of Idaho, Moscow.

O'Laughlin, J. (1996). Forest health concepts and ecosystem management. Timber Harvesting and Ecosystem Management – The New Environment, Kalispell, Montana. Contribution no. 805, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 12 p.

O'Laughlin, J., and P.S. Cook. (1996). Collaborative learning workshop for the Clearwater, Nez Perce, and Idaho Panhandle National Forests: an evaluative summary. Contribution no. 811, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 4 p.

Peterson, J., with J. O'Laughlin and others. (1996). Idaho's forests at the crossroads, and "The water is gin clear." *Evergreen Magazine*, Evergreen Foundation, Medford, Oregon, March/April, p. 39-40,51.

Petersen, J., with J. O'Laughlin. (1995). Forest health in Idaho: concepts, conditions, causes, cures and concerns. *Evergreen Magazine*, Evergreen Foundation, Medford, Oregon, Winter, p. 40-44.

O'Laughlin, J. (1995). Reauthorization of the Endangered Species Act: Where do we go from here? Roundtable discussion at the Inland Empire Society of American Foresters annual meeting, Moscow, ID. Contribution no. 758, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 15 p.

Invited Papers (cont.)**:**

O'Laughlin, J. (1994). The role of public lands in local government financing. Idaho Women in Timber Forum on Timber Issues, Coeur d'Alene, Idaho. Contribution no. 721, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 4 p.

O'Laughlin, J. (1994). A comparison of timber resources in the inland and coastal regions of the Northwest. National Research Council, Committee on Environmental Issues in Pacific Northwest Forest Management, Post Falls, Idaho. Contribution no. 718, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 13 p.

O'Laughlin, J. (1994). The politics driving ecosystem management, or, the necessity of managing the forest component of ecosystems to promote forest health and sustainability. Keynote, Inland Empire Society of American Foresters annual meeting, Post Falls, Idaho. Contribution no. 715, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 16 p.

O'Laughlin, J. (1993). Determining national forest timber harvest levels in the Inland Northwest: past, present, and future. New Silviculture and Harvesting Technology for Supplying Tomorrow's Forest Products, Whitefish, Montana. Contribution no. 705, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 5 p.

O'Laughlin, J. (1993). Federal constraints on forestry—current and future. Inland Empire Society of American Foresters annual meeting, Post Falls, Idaho. Contribution no. 678, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 17 p.

O'Laughlin, J. (1992). Biological diversity and the Endangered Species Act: battle flags in the war for the West's natural resources (luncheon speaker). Idaho Women in Timber annual meeting, Moscow, Idaho. Contribution no. 664, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 22 p.

O'Laughlin, J. (1992). Salmon recovery and its impact on the region's cattle industry: the issue is water quality. North Idaho Cattlemen's Association annual meeting, Lewiston, Idaho. Contribution no. 663, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 8 p.

O'Laughlin, J. (1992). Key provisions of the Endangered Species Act. Western Region Joint Summer Meetings of College of Agriculture Deans, Directors of Experiment Stations, and Directors of Extension, Monterey, California. Contribution no.652, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 17 p.

O'Laughlin, J. (1992). Natural resource issues affecting the wood products industry. Northwest Wood Products Clinic, Spokane, Washington. Contribution no. 651, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 22 p.

O'Laughlin, J. (1992). Biodiversity issues in forest management: social, economic, and cultural trends. Inland Empire Society of American Foresters annual meeting, Spokane, Washington. Contribution no. 630, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 19 p.

O'Laughlin, J. (1992). Improved forestry and mining practices to reduce habitat damage. In, Alternative Actions for Restoring and Maintaining Salmonid Populations on the Columbia River System. Pacific Northwest Extension Publication 407, Oregon State University, Washington State University, University of Idaho, p. 7-8.

O'Laughlin, J. (1992). Modify flood control curves to allow greater storage of water in reservoirs for release during critical period. In, Alternative Actions for Restoring and Maintaining Salmonid Populations on the Columbia River System. Pacific Northwest Extension Publication 407, Oregon State University, Washington State University, University of Idaho, p. 24-25.

Invited Papers (cont.)**:**

O'Laughlin, J. (1992). Resolving endangered species conflicts. Martin Institute seminar, University of Idaho, Moscow. Discussion Paper no. 3, Martin Institute for Peace Studies and Conflict Resolution, University of Idaho, Moscow, 18 p.

Harris, C.C., and J. O'Laughlin. (1991). What are the effects on reservoir-related recreation of proposed reservoir drawdowns to enhance salmon migration in the Columbia River system? Tri-state University Task Force on Salmon and the Columbia River System, briefing for U.S. Congress and governor's office staff, Spokane, Washington, 6 p.

O'Laughlin, J. (1991). Preferred futures: a visionary look at natural resource policy and education. In, The Interest-based Approach to Resolving Natural Resource Conflicts in the Pacific Northwest: Beginning the Dialogue, J. O'Laughlin and W. Dunn, compilers, Martin Institute for Peace Studies and Conflict Resolution, University of Idaho, Moscow, p. 13-20.

O'Laughlin, J. (1991). Policy implications of endangered species issues. U.S. Department of Agriculture's National Extension Committee of the Joint Council on Food and Agricultural Sciences, Coeur d'Alene, Idaho. Contribution no. 602, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 17 p.

O'Laughlin, J. (1991). Competition and conflict in natural resources and agriculture: educating tomorrow's managers and citizens about conflict resolution. Resident Instruction Committee on Policy of the National Association of State Universities and Land Grant Colleges (RICOP/NASULGC) Academic Programs Summer Work Conference, Anchorage, Alaska. Contribution no. 597, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 24 p.

Hendee, J.C., and J. O'Laughlin. (1990). Origins of the Idaho Forest, Wildlife and Range Policy Analysis Group. Plenary address, Social Science in Resource Management national symposium, College Station, Texas. Contribution no. 596. Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 20 p.

O'Laughlin, J. (1986). The changing raw material base for forest products in the South—consequences and alternatives. Swedish Pulp and Paper Association seminar, Stockholm, Sweden. 26 p. + appendices.

O'Laughlin, J. (1984). A professional view: Teaching long-range planning and forecasting. Society of American Foresters, Technology Assessment and Future Analysis Working Group Newsletter 5:3.

O'Laughlin, J. (1982). Economics of alternatives to prescribed burning. Prescribed Burning in Forest Management Workshop. Forestry and Harvesting Training Center, Woodworth, Louisiana, 10 p.

O'Laughlin, J. (1981). Antitrust in the era of diversification: wood-based industry case examples. Problems in Forest and Land Economics, Southern Economic Association annual meeting, New Orleans, Louisiana, 155 p.

Popular or Non-Technical Articles:

O'Laughlin, J., and M. Carroll (2005). Opinion: American foresters committed to change, not the past. *Lewiston Tribune,* May 1, p. 4F.

O'Laughlin, J. (1994). Forest health conditions in Idaho. *Idaho Timberland* (October) 1:6.

O'Laughlin, J. (1993). Guest opinion: Analyzing Idaho's resources. *Idaho Council on Industry and the Environment* (newsletter) Fall:2.

Popular or Non-Technical Articles (cont.)**:**

O'Laughlin, J. (1993). Good policy needs good information – the PAG provides it. *Focus on Renewable Natural Resources* (College of Forestry, Wildlife and Range Sciences, University of Idaho, Moscow) 18:1-3.

O'Laughlin, J. (1991). Policy analysis reports make a difference. *Focus on Renewable Natural Resources* (UI-CFWR) 16:11-12.

O'Laughlin, J. (1990). Policy Analysis Group: an Idaho first. *Focus on Renewable Natural Resources* (UI-CFWR) 15:4-5.

O'Laughlin, J., and K. Bell, Jr. (1986). Industrial timberland ownership trends in Texas: the "bigs" get bigger—where will it end? *Texas Forest News* 64 (Summer):10-13.

Walterscheidt, M.J., and J. O'Laughlin. (1986). Conservation Reserve Program. *Texas Forestry* 27(2):4.

O'Laughlin, J. (1986). Income tax guidelines for timber growers. *Texas Forestry* 27(2):11.

O'Laughlin, J. (1985). Tax reform and timber: Round 3. *Texas Forestry* 26(12):4.

O'Laughlin, J. (1985). Treasury II [tax proposal] contains flawed logic. *Texas Forestry* 26(8):4.

O'Laughlin, J. (1982). Timber demand and price—will they be there? *Texas Forest News* 61 (Winter):14-17.

Dreesen, A.D., and J. O'Laughlin. (1982). Growing timber as an investment. Forest Resources Fact Sheet L-1850, Texas Agricultural Extension Service, 5 p.

Manuscripts and Technical Reports:

O'Laughlin, J., K. Launchbaugh, B. Austin, A. Davis, and P. Bell. (2012). Forest Utilization Research, Performance Measurement Report, FY 2012. College of Natural Resources, Univ. of Idaho, Moscow. 5 p.

O'Laughlin, J., and B. Austin. (2011). University of Idaho Experimental Forest financial analysis. Special project report, College of Natural Resources, University of Idaho, Moscow. 2 p.

Bell, P., J. O'Laughlin, and K. Launchbaugh. (2011). Forest Utilization Research, Performance Measurement Report, FY 2011. College of Natural Resources, Univ. of Idaho, Moscow. 4 p.

O'Laughlin, J. (2011). Why are some fires so intense? Fact Sheet. Submitted by invitation to Idaho Forest Products Commission, Boise, Idaho (unpublished). 1 p.

O'Laughlin, J. (2011). Idaho's natural resources are economic engines as well as incomparable gems. Submitted by invitation to *Idaho Business Review*, Boise Idaho (unpublished). 2 p.

O'Laughlin, J. (2011). Comments on biogenic emissions proposed rule. Submitted to U.S. Environmental Protection Agency during public comment period on "Notice of Proposed Rulemaking: Deferral for CO2 emissions from Bioenergy and Other Biogenic Sources under the Prevention of Significant Deterioration (PSD) and Title V Programs [of the Clean Air Act]." Docket No. EPA-HQ-OAR-2010-0560, unique comment 0509.1 (May 2011). Available online at http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OAR-2011-0083-0139

Cook, P.S., and J. O'Laughlin. (2011). Forest biomass supply analysis for western states by county: Final report to the Western Governors' Association, Denver, Colorado. Available online at http://www.nationalbiomassutilization.org/western-states_forest-biomass-supply-analysis.pdf

Manuscripts and Technical Reports (cont.)**:**

O'Laughlin, J. (2010) Terrestrial carbon sequestration on forest lands. Chapter 3. Forestry, in, *Carbon Issues Task Force Report* prepared for the Idaho Strategic Energy Alliance, Boise, Idaho, p. 20-25. Online at http://www.energy.idaho.gov/energyalliance/d/carbon_issues_report.pdf

O'Laughlin, J. (2010). Are forests in the Northern Rocky Mountains a net source of carbon emissions or a sink for atmospheric carbon? Appendix B. Forestry, in, *Carbon Issues Task Force Report*, Idaho Strategic Energy Alliance, Boise, Idaho, p. 59-73. Available online at http://www.energy.idaho.gov/energyalliance/d/carbon_issues_report.pdf

O'Laughlin, J., and others (2009). *Wood Bioenergy: Homegrown Baseload Energy for Idaho*. Forestry Task Force Report, Idaho Strategic Energy Alliance, Boise, Idaho. 95 p. Available online at http://www.energy.idaho.gov/energyalliance/d/forest_packet.pdf

O'Laughlin, J., and J. Crockett. (2009). Biomass definitions in two federal policies discourage wood bioenergy production. Issue Brief, Forestry Task Force, Idaho Strategic Energy Alliance, Boise, Idaho. 6 p.

O'Laughlin, J., and P.S. Cook. (2008). Smoke management policy, wildland fire restoration, and comparative risk assessment. Submitted to *Conservation Letters* (unpublished).

Feldman, G., and J. O'Laughlin. (2008). Toward sustainable management of old growth forests on Idaho's state trust lands. Contribution no. 1022, College of Natural Resources Experiment Station, University of Idaho, Moscow, submitted to *Journal of Forestry* (unpublished).

Feldman, G., and J. O'Laughlin. (2008). Managing old growth forests on state trust lands: for whom and for what? Contribution no. 1023, College of Natural Resources Experiment Station, submitted to *Society and Natural Resources* (unpublished).

Feldman, G., and J. O'Laughlin. (2008). Opportunity costs of protecting old growth forests on state trust lands in Idaho. Contribution no. 1024, submitted to *Ecological Economics* (unpublished).

Feldman, G., and J. O'Laughlin. (2008). Risk factor mapping of old growth forest resources on Idaho's state trust lands. Contribution no. 1025, submitted to *Forest Ecology and Management* (unpublished).

O'Laughlin, J., and G. Feldman. (2007). Protecting old-growth and other non-timber values on Idaho's state forests: a comparative risk analysis. Final report on cooperative research, UI College of Natural Resources and Idaho Department of Lands.

Doane, D., J. O'Laughlin, P. Morgan, and C. Miller. (2005). Barriers to wildland fire use in USDA Forest Service wilderness areas as perceived by wilderness fire managers. Contribution no. 1006, College of Natural Resources Experiment Station, University of Idaho, Moscow, submitted to *International Journal of Wildfire*, 41 p. (unpublished).

O'Laughlin, J., and W. Wagner. (2004). Old-growth policy and *Strix* owls: spotted icons and barred invaders. Contribution no. 980, College of Natural Resources Experiment Station, University of Idaho, Moscow, submitted to *Journal of Forestry*, 17 p. (unpublished).

O'Laughlin, J. (2001). Policy analysis for natural resources: bringing science to policymakers. Draft textbook manuscript used in Natural Resources Policy Analysis, FOR 585, Department of Forest resources, University of Idaho, Moscow (Fall 2001, 1999, 1997; submitted to Rowman & Littlefield, October 2002), approximately 500 p. (unpublished).

O'Laughlin, J. (1999). National forest management policy: clarifying law and science to resolve conflict in biodiversity and multiple-use mandates. Contribution no. 868, Idaho Forest, Wildlife and Range Experiment Station, submitted to *Policy Studies Review*, 33 p. (unpublished).

Manuscripts and Technical Reports (cont.)**:**

O'Laughlin, J., and P.S. Cook. (1999). Breaking gridlock – part I: alternative approaches to federal lands policy reform. Contribution no. 866, Idaho Forest, Wildlife and Range Experiment Station, submitted to *Society & Natural Resources*, 32 p. (unpublished).

O'Laughlin, J. (1999). Breaking gridlock – part II: collaborative initiatives for federal lands policy reform. Contribution no. 867, Idaho Forest, Wildlife and Range Experiment Station, submitted to *Society & Natural Resources*, 35 p. (unpublished).

O'Laughlin, J. (1999). Executive summaries: good, bad, and ugly forest policy examples. Submitted to *Journal of Forestry*, 4 p. (unpublished).

Schumaker, J.R., and J. O'Laughlin. (1995). Knowledge and attitudes about alternative dispute resolution by employees in six federal natural resource agencies: summary of survey results. Contribution no. 764, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, 3 p. (unpublished).

Williams, R.A., and J. O'Laughlin. (1995). Stumpage price and the "hardwood mystique" in southeast Texas. Submitted to *Southern Journal of Applied Forestry*, 12 p. (unpublished).

O'Laughlin, J. (1994). Forest health assessment: pest monitoring, growth decline, and the ecosystem approach. Submitted to *Journal of Forestry*, 12 p. (unpublished).

O'Laughlin, J. (1987). Land acquisition value: Faustmann's formula 138 years later. Texas Agricultural Experiment Station TA-22827, submitted to *Forest Science*, 19 p. (unpublished).

O'Laughlin, J., and C.D. Risbrudt. (1986). What kind of research does the Forest Service do? Texas Agricultural Experiment Station TA-21801, submitted to *Journal of Forestry*, 10 p. (unpublished).

O'Laughlin, J., L.C. Rule, and C.D. Risbrudt. (1986). The proportion of U.S. Forest Service research that sustains technological effectiveness. Texas Agricultural Experiment Station TA-21703, submitted to *Forest Science*, 24 p. (unpublished).

O'Laughlin, J. (1985). The proportion of Forest Service research classified as technology sustaining. Texas A&M Research Foundation report to USDA Forest Service.

Cleaves, D.A., and J. O'Laughlin (1985). Factors influencing southern plywood mill location decisions. Texas Agricultural Experiment Station TA-20828, submitted to *Southern Journal of Applied Forestry*, 22 p. (unpublished).

O'Laughlin, J. (1983). Internal rate of return: a fast, efficient algorithm for microcomputers. Texas Agricultural Experiment Station TA-18869, submitted to *Forest Science*, 9 p. (unpublished).

O'Laughlin, J. (1980). Strategic planning and land-use decision making by the new diversified entrants in the wood-based industry. Ph.D. Dissertation, University of Minnesota, 333 p.

O'Laughlin, J., and P.V. Ellefson. (1980). Indexed bibliography on the economic structure of the wood-based industry: emphasis on industrial organization, mergers and diversification strategy, timber resources, and the role of business in society. Staff Paper Series 9, Department of Forest Resources, College of Forestry, University of Minnesota, St. Paul, 86 p.

O'Laughlin, J., and P.V. Ellefson. (1979). Diversified firms entering the wood-based industry by merger: a review. Staff Paper Series 7, Department of Forest Resources, College of Forestry, University of Minnesota, St. Paul, 121 p.

O'Laughlin, J., and P.V. Ellefson. (1979). Economic structure of agriculture and forestry: similarities and disparities. USDA "Dialogue on American Agriculture." Sioux City, Iowa, 8 p.

Manuscripts and Technical Reports (cont.)**:**

O'Laughlin, J. (1977). Economics and equity—an analysis of user fee policies on federal recreation lands. M.S. Plan B Project Paper, University of Minnesota, 123 p.

Merriam, L.C., V.C. Kurmis, J. O'Laughlin, et al. (1976). Resources Basic Inventory—Primary Development Areas. Ecosystems Analysis (Kettle Falls) Voyageurs National Park, Minnesota. Unnumbered University of Minnesota report to National Park Service.

Refereed/Adjudicated Publications (currently in progress or submitted):

Cadiente, I., and J. O'Laughlin. Subsistence resource management in Alaska: towards resolving state/federal policy incongruence. *Policy Sciences* (submitted August 2012).

O'Laughlin, J. Historic lumber production in Idaho. *Idaho's 200 Cities: A Profile of Their History, Economy and Culture*, Association of Idaho Cities, Boise, Idaho (submitted January 2011).

O'Laughlin, J. Towards a cohesive federal policy on wood bioenergy. *Journal of Forestry* (in preparation).

O'Laughlin, J. Waiting to burn: forest health conditions in the Intermountain West. *Journal of Forestry* (in preparation).

O'Laughlin, J. When should trees be cut to optimize forest carbon storage? *Journal of Forestry* (in preparation).

Reeves, D., J. O'Laughlin, D. Dumroese, and M. Coleman. Maintenance of soil productivity as a barrier to active management on national forests. *Western Journal of Applied Forestry* (in preparation).

PAG Publications (currently in progress):

Cook, P.S., and J. O'Laughlin (2012). Fuel treatment effectiveness in Idaho's forests. PAG Report, University of Idaho, Moscow (in preparation for Fall 2012 completion).

O'Laughlin, J., E. Strand, and others. (2012). Wildfire risk analysis for sage-grouse conservation. PAG Report, University of Idaho, Moscow (in preparation for Fall 2012 completion).

Presentations at Meetings, Workshops, etc.:

Forests and air quality. Leadership CDA Environment and Resource Day, Couer d'Alene, Idaho (June 2012, presented by Philip Cook).

Economic importance of forest products industry in Idaho. Sustainable Forestry Tour for Teachers, Idaho Forest Products Commission, Post Falls, Idaho (June 2012, presented by Philip Cook). https://sites.google.com/site/sustainableforestrytour/home/sft-file-cabinet/Economic%20Importance%20--%20Philip%20Cook%20presentation.pdf?attredirects=0&d=1

Alternative governance approaches to federal land management. Trust Management: A Viable Option for Public Forest Lands? First Biennial Pacific Northwest Forest Policy Conference, Western Forestry and Conservation Association, Tigard, Oregon (June 2011).

Biomass (moderator). Western Forest Economists 47th Annual Meeting, Newport, Oregon (June 2011).

Wildfire risk analysis for sage-grouse priority habitat in Idaho: Summary of comments on review draft, PAG Report 33. Governor's Sage-grouse Task Force, Idaho Falls, Idaho (May 2012, expenses reimbursed).

Wildfire risk analysis for sage-grouse priority habitat in Idaho. Review draft, PAG Report 33. Governor's Sage-grouse Task Force, Jerome, Idaho (May 2012, expenses reimbursed).

Towards a cohesive federal policy on wood bioenergy. International Biomass Conference and Exposition, Denver, Colorado (April 2012, expenses reimbursed). Available with speaker notes online at http://www.cnrhome.uidaho.edu/default.aspx?pid=120853

Presentations at Meetings, Workshops, etc. (cont.)**:**

Forest biomass resources, bioenergy markets, and policy approaches across the western region. Rocky Mountain Forest Restoration and Biomass Summit, Denver, Colorado (April 2012, expenses reimbursed). Available with speaker notes online at http://www.cnrhome.uidaho.edu/default.aspx?pid=120852

Fuel treatments on rangelands. Presentation of PAG Report 32, Governor's Sage-grouse Task Force, Boise, Idaho (March 2012, expenses reimbursed).

Forest biomass residues: Opportunities and challenges in Idaho. LEAP workshops (Logger Education to Advance Professionalism), Idaho Extension Forestry, Post Falls, Moscow, St. Maries, Orofino, and Bonners Ferry, Idaho. Video with PowerPoint, 54 min. (March 2012). Available online at http://mediasite.for.uidaho.edu/mediasite5/SilverlightPlayer/Default.aspx?peid=acbcce4651c743b791195afcc07484b81d

Clean Water Act: Fundamentals and effects on forestry. Starker Lecture, College of Forestry, Oregon State University, Corvallis, Oregon. Video with PowerPoint, 65 min. (March 2012, expenses reimbursed). Available online at http://media.oregonstate.edu/index.php/show/the_clean_water_act%3A_fundamentals_and_effects_on_forestry?id=0_2ig69div

Financial analysis applied to forestry. 11th Annual Foresters' Forum, Coeur d'Alene, Idaho (February 2012, expenses reimbursed). Worksheet available online at http://www.consulting-foresters.com/foresterforum/?id=presentations

Idaho forest by the numbers. Coeur d'Alene Rotary International Club (February 2012).

Policy sciences framework for sustaining fire-adapted ecosystems and human communities. National Science Analysis Team, Cohesive Wildland Fire Management Strategy, Boise, Idaho (January 2012, expenses reimbursed).

Policy analysis of fuel treatment effectiveness on forests and rangelands. Summary of PAG working drafts, Policy Track, Society of American Foresters Annual Convention, Honolulu, Hawaii (November 2011).

The forestry/bioenergy/carbon connection. Keynote address, 2011 Restoring the West Conference: Sustaining Forests, Woodlands, and Communities Through Biomass Use, and Natural Resources Week 2011 lecture, Utah State University, Logan, Utah (October 2011, expenses reimbursed). PowerPoint synchronized with audio recording available at https://forestry.usu.edu/files/uploads/RTW2011Media/OLaughlin2RTW10-19-11.mp4

Towards a cohesive federal policy on wood bioenergy. Plenary session, 2011 Restoring the West Conference: Sustaining Forests, Woodlands, and Communities Through Biomass Use, Logan, Utah (October 2011, expenses reimbursed). PowerPoint synchronized with audio recording available at https://forestry.usu.edu/files/uploads/RTW2011Media/OLaughlin1RTW10-18-11.mp4

Idaho forest by the numbers. Idaho Forest Products Commission Opinion Leaders' Forestry Tour, Chilco, Idaho (September 2011).

Woody biomass definitions. Biomass Roundtable, Energy Policy Institute, Center for Advanced Energy Studies, Couer d'Alene, Idaho (August 2011).

Towards a cohesive federal policy on wood bioenergy: how can research help? Western Energy Policy Research Conference, Energy Policy Institute, Center for Advanced Energy Studies, Boise, Idaho (August 2011). http://epi.boisestate.edu/media/8388/6_jay o laughlin_towards a cohesive federal policy on wood bioenergy.pdf

Landscape-scale restoration treatment recommendations. Comments on behalf of the Western Governors' Association Forest Health Advisory Committee during stakeholder input focal session, Western Region Strategy Committee, National Cohesive Wildland Fire Management Strategy, Boise, Idaho (June 2011, expenses reimbursed).

Sustainable forestry: So what? Wrap-up presentation, Sustainable Forestry Tour for Teachers, Idaho Forest Products Commission, Post Falls, Idaho (June 2011).

Policy analysis for wood bioenergy and forest carbon sequestration. Roundtable on Forest Carbon Accounting, College of Natural Resources, University of Idaho, Spokane, Washington (June 2011).

Policy developments supporting western forest-based economies (general session moderator). Western Forest Economists 46th Annual Meeting, Welches, Oregon (May 2011).

Idaho forest products industry, current conditions and 2011 forecast. Eye on the Economy: Industry Perspectives and Regional Impacts Workshop, Inland Northwest Partners Spring Meeting, Spokane, Washington (March 2011). Available online at http://www.inwp.org/Presentations/JayO%27L_inland-nw-partners_3-31-11.pdf

Presentations at Meetings, Workshops, etc. (cont.)**:**

Forest Inventory and Analysis (FIA) and bioenergy policy/analyses. FIA National User Group Meeting, Sacramento, California (March 2011, expenses reimbursed). Available online at http://www.ncasi2.org/downloads/BWG/sacramento/slides/O%27LaughlinSacramento.pdf

Role of SAF members in national forest management collaborative groups (moderator); National perspectives on forestry issues and SAF Position Statements. Inland Empire and Montana Society of American Foresters Leadership Workshop, Missoula, Montana (March 2011).

Carbon neutrality & biomass emissions. Inland Empire Forest Engineers Conference, Moscow, Idaho (March 2011).

Towards a cohesive federal policy on wood bioenergy: how can research help? Seminar, Center for Environment and Natural Resource Policy, Dept. of Forest Resources, University of Minnesota, St. Paul, Minnesota (February 2011, expenses reimbursed).

Carbon emissions accounting & Manomet *Carbon Policy Study* review. Woody Biomass Power Meeting sponsored by The Energy Foundation, St. Paul, Minnesota (February 2011, expenses reimbursed). Available online at http://files.eesi.org/olaughlin_022211.pdf

Forests and carbon. Inland Northwest Foresters' Forum, Coeur d'Alene, Idaho (February 2011).

Wood bioenergy developments in Idaho. Biomass Energy Regional Roundtable, Seattle, Washington (January 2011).

Towards a cohesive federal policy on wood bioenergy: how can research help? Policy Practice and Research Workshop, Tenth Annual Policy Meeting, Rural Voices for Conservation Coalition, Troutdale, Oregon (December 2010, expenses reimbursed). Available online at http://www.sustainablenorthwest.org/rvcc/2010-annual-policy-meeting/2010-apm-research-day/Jay%20OLaughlin.pdf

The forestry-bionergy-carbon connection. League of Women Voters of Moscow, Moscow, Idaho (December 2010).

Accounting for greenhouse gas emissions from wood bioenergy: response to the Environmental Protection Agency's call for information, including partial review of the Manomet Center for Conservation Sciences' *Biomass Sustainability and Carbon Policy Study*. Bioelectricity and Greenhouse Gas Emissions Workshop, U.S. Dept. of Agriculture, Office of the Chief Economist, Washington, DC (November 2010, expenses reimbursed).

Idaho forests by the numbers. Idaho Women in Timber annual meeting, Lewiston, Idaho (October 2010, expenses reimbursed).

What can land management do about climate change? Practical Paths 2010: Understanding the Science and Politics of Climate Change. Idaho Council on Industry and Environment, Boise, Idaho (September 2010).

Accounting for greenhouse gas emissions from wood bioenergy: response to the Environmental Protection Agency's call for information, including partial review of the Manomet Center for Conservation Sciences' *Biomass Sustainability and Carbon Policy Study*. Joint annual meeting of the Forest Resources Association Western Division and Montana Wood Products Association, Whitefish, Montana (September 2010, expenses reimbursed).

Idaho forests by the numbers. Idaho Forest Products Commission Miracle at Work Forestry Tour for Opinion Leaders, Post Falls, Idaho (September 2010, expenses reimbursed).

Cumulative carbon dividends from biomass replacement of fossil fuel. Energy Education Workshop – Renewable Energy Primer and Plugging Wood into the Power Grid, lunch keynote, Missoula, Montana (July 2010, expenses reimbursed). Available online at http://dnrc.mt.gov/forestry/Assistance/Biomass/Images/PDF/Keynote.pdf

The forestry-bionergy-carbon connection. Sustainable Forestry Tour for Teachers, Idaho Forest Products Commission, Post Falls, Idaho (June 2010).

Economic feasibility of forest biomass use. Pacific Northwest Regional Economics Conference, Missoula, Montana (May 2010, expenses partilelly reimbursed).

Biomass Crop Assistance Program (BCAP) Payment Options, Analysis & Key Program Updates. Audio Conference, Biowood Energy (ThermQuest LLC), Hatfield, Massachusetts (May 2010 and subsequent repeats).

Carbon credits and cap-and-trade policy. Understanding Carbon Markets Workshop, Washington State University Extension, Malo, Washington (April 2010, expenses reimbursed).

Carbon and your forest. Understanding Carbon Markets Workshop, Washington State University Extension, Malo, Washington (April 2010, expenses reimbursed).

Boards and bioenergy: a back-to-the-future solution for modern problems. Bioenergy Day, Washington State University Extension, Omak, Washington (April 2010, expenses reimbursed).

Presentations at Meetings, Workshops, etc. (cont.)**:**

Woody Biomass Utilization & Bioenergy Production Subcommittee Report. Western Governors' Association Forest Health Advisory Committee meeting, Reno, Nevada (March 2010, expenses reimbursed).

Carbon cap-and-trade policy: current status and outlook. Family Forest Landowners and Managers Conference, Moscow, Idaho (March 2010).

Biomass supply opportunities and economic challenges. Climate Change, Bioenergy and Sustaining the Forests of Idaho and Montana Conference, Boise, Idaho (March 2010, also conference program planning co-chair, economics session moderator, breakout group facilitator, closing speaker, and Internet site facilitator). Available online at: http://0301.nccdn.net/1_5/0d3/380/2c7/O-Laughlin.pdf

Position statement process, Society of American Foresters. Inland Empire SAF and Montana SAF Leadership Retreat, Couer d'Alene, Idaho (February 2010).

Ethical issues in carbon trading. Southeast Section Society of American Foresters annual meeting, Auburn, Alabama (February 2010, expenses reimbursed). Online at: https://fp.auburn.edu/sfws/south/Jay.ppt

Is there an opportunity to rebuild forest industry infrastructure with biomass? Inland Northwest Foresters' Forum, Coeur d'Alene, Idaho (February 2010). Available online at: http://www.idahoforests.org/img/pdf/JayOLaughlin_02-04-10_ForestersForum.pdf

Carbon cap-and-trade policy: current status and outlook. Family Foresters' Workshop, Spokane, Washington (January 2010).

Wood bioenergy opportunities and challenges. Board of Directors, Idaho Forest Products Commission, Moscow, Idaho (November 2009).

Legislation and tenure: Federal forest bioenergy feedstocks in the western U.S.A. 8th Biennial Residues-to-Revenues Residual Wood Conference, Richland, BC, Canada (October 2009).

Woody biomass utilization and bioenergy production. Western Governors' Association Forest Health Advisory Committee meeting, Boise, Idaho (October 2009).

Wood bioenergy buildout options. Interior West Regional Workshop on Sustainability of Forest Bioenergy, Heinz Center for Science, Economics, and the Environment and The Pinchot Institute, Fort Collins, Colorado (October 2009).

Wood bioenergy opportunities and challenges. Practical Pathways to Reliable Electricity. Idaho Council on Industry and the Environment, Boise, Idaho (September 2009).

Idaho forests by the numbers; and forest biomass opportunities and challenges. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, Post Falls, Idaho (September 2009).

Alternative energy. Western Regional Caucus, Democratic National Committee, Coeur d'Alene, Idaho (August 2009).

Forestry carbon issues. Idaho Strategic Energy Alliance Board of Directors meeting, Boise, Idaho (July 2009).

The forestry/bioenergy/carbon connection. Pacific Northwest Economic Region 19th Annual Summit, Boise, Idaho (July 2009).

The forestry/bioenergy/carbon connection. Sustainable Forestry Tour, Lewiston, Idaho (June 2009, presented by Philip S. Cook).

Wood bioenergy: homegrown baseload energy for Idaho. Idaho Strategic Energy Alliance Board of Directors meeting, Boise, Idaho (June 2009).

The forestry/bioenergy/carbon connection. National Silviculture Workshop, Boise, Idaho (June 2009).

Wood bioenergy and industry infrastructure. Associated Logging Contractors Annual Convention, Orofino, Idaho (April 2009).

Basic CO_2 concepts and the carbon cycle. Thirty-Third Annual National Indian Timber Symposium, Intertribal Timber Council, Lewiston, Idaho (April 2009).

Current and proposed carbon policy legislation. Thirty-Third Annual National Indian Timber Symposium, Intertribal Timber Council, Lewiston, Idaho (April 2009).

The forestry/bioenergy/carbon connection. Family Forest Owners and Managers Conference, Clearwater Resource Conservation & Development, Moscow, Idaho (March 2009).

The forestry/bioenergy/carbon connection. Carbon Credit Trading: Understanding It, Owning It, Trading It. Idaho Soil Conservation Commission, Orofino, Idaho (March 2009).

Greening the energy future: Idaho Strategic Energy Alliance. Inland Northwest Foresters Forum, Coeur d'Alene, Idaho (February 2009).

Tapping into the market for carbon credits. Family Forests Workshop, University of Idaho and Washington State University Extension, Coeur d'Alene, Idaho (January 2009).

Woody biomass utilization opportunities and challenges. Idaho Panhandle Renewable Energy Enterprise Zone Forum, Priest River, Idaho (January 2009).

Presentations at Meetings, Workshops, etc. (cont.)**:**

Forest biomass utilization opportunities and challenges. Pulp & Paperworkers' Resource Council, National Steering Committee quarterly meeting, Spokane, Washington (December 2008).

Idaho Strategic Energy Alliance and wood biomass utilization. Idaho Forest Products Commission board of directors meeting, Lewiston, Idaho (November 2008).

1st Annual Forest Policy Symposium (moderator). Society of American Foresters national convention, Reno, Nevada (November 2008).

Forest products industry infrastructure overview. Presentation to the Forest Resources Association, western regional meeting, Couer d'Alene, Idaho (October 2008).

Wood biomass utilization opportunities and challenges in Idaho. 2nd Idaho Wildland Fire Conference, Boise, Idaho (October 2008).

Idaho forest facts and forestry issues. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, Palouse Divide Lodge, near Emida, Idaho (September 2008).

Forestry Task Force report to Idaho Strategic Energy Alliance Board of Directors, Boise, Idaho (June 2008).

Forestry Task Force, Idaho Strategic Energy Alliance. Woody Biomass Utilization Partnership Board of Directors, Emmett, Idaho (June 2008).

Forest carbon sequestration strategies. Palouse-Snake River Chapter, Society of American Foresters, Lewiston, Idaho (April 2008).

Forest carbon market developments and carbon sequestration case study. Idaho Carbon Sequestration Advisory Committee, Lewiston, Idaho (with Tamara Moseley, May 2008).

Forest management challenges in the Inland Northwest. Inland Empire Society of American Foresters annual meeting, Moscow, ID (moderator, March 2008).

Applications of forest engineering to wildfire questions and smoke management. Inland Empire Forest Engineering Conference, Moscow, Idaho (March 2008).

Carbon sequestration options in the forest sector. Idaho Carbon Sequestration Advisory Committee, Moscow, ID (February 2008).

Smoke, fire and forest fuel management. North Idaho Airshed Unit annual meeting, Couer d'Alene, ID (February 2008).

Conservation easements for working lands. SAF Information Luncheon for Legislators, Boise, ID (moderator, January 2008).

Wildland fire smoke management. Idaho Environmental Summit, Boise, Idaho (presented by Philip S. Cook, December 2007).

Idaho forest biomass issues. Idaho Environmental Summit, Boise, Idaho (presented by Philip S. Cook, December 2007).

Marketing wetlands and water quality as ecosystem services. 3rd Annual Land, Water, & Fire Conference: Rural Land Use, Water, & Wildland Urban Interface Fire Issues in the Inland Northwest, University of Idaho and Washington State University Cooperative Extension Service, Coeur d'Alene, Idaho (November 2007).

Idaho forest facts and forestry issues. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, St. Maries, Idaho (September 2007).

Managing wildfire risks: effects on water resources with and without fuel treatment. Universities Council on Water Resources conference on hazards, Boise, Idaho (July 2007).

Forest valuation methods. Forest Land Appraisal Course, Idaho State Tax Commission, Sandpoint, Idaho (July 2007).

Determining asset value for Idaho state lands. Western Forest Economists 42nd annual meeting, Welches, Oregon (May 2007).

Legislative proposal for an Idaho Ranch, Farm and Forest Protection Act. Inland Empire Society of American Foresters exective committee meeting, Coeur d'Alene, Idaho (March 2007).

Biomass from public land: policy issue complications. Keeping the Family Forest Intact: A Conference for Family Forest Landowners and Managers, Moscow, Idaho (March 2007).

Planning approach for reducing wildfire risks on federal lands. Clearwater National Forest Leadership Team seminar, Orofino, Idaho (March 2007).

Policies affecting forest biomass utilization. Inland Empire Forest Engineering Conference, Moscow, Idaho (March 2007).

Forest ecosystem services: storing and releasing energy and carbon. Leadership Retreat, Inland Empire and Montana Societies of American Foresters, Chewelah, Washington (January 2007).

Applying EPA's ecological risk assessment framework to the fire/fish risk management problem. 17th Annual Nonpoint Source Water Quality Monitoring Results Workshop, Boise, Idaho (January 2007).

Presentations at Meetings, Workshops, etc. (cont.)**:**

Policy adaptations for improving wildland fire risk management. Idaho Environmental Summit, Boise, Idaho (December 2006).
Wildfire policy: institutional reform opportunities and obstacles. Policy Sciences Annual Institute, Yale University Law School, New Haven, Connecticut (October 2006, with T.A. Steelman).
Property rights and eminent domain initiatives. Inland Northwest Wildland Urban Interface Conference, Spokane, Washington (October 2006).
Property rights and eminent domain initiatives. Society of American Foresters, Palouse-Snake River Chapter, Moscow, Idaho (October 2006).
Idaho forest facts and forestry issues. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, St. Maries, Idaho (September 2006).
Forest health and woody biomass energy potential in the Northern Rockies. Adams County Biomass Working Group meeting with congressional staff, Boise, Idaho (August 2006).
Woody biomass energy potential in Idaho. Adams County Biomass Working Group, Council, Idaho (July 2006).
Woody biomass energy potential in Idaho. Shoshone County Biomass Group, Smelterville, Idaho (July 2006).
Ecological risk assessment to support fuels treatment project decisions. Salmon-Challis National Forest Leadership Team seminar, Challis, Idaho (April 2006).
Ecological risk assessment to support fuels treatment project decisions. Caribou-Targhee National Forest Leadership Team seminar, Idaho Falls, Idaho (April 2006).
Economic aspects of forest sustainability. Caribou-Targhee National Forest Leadership Team seminar, Idaho Falls, Idaho (April 2006).Sustaining ecosystems and people: a multi-disciplinary "policy sciences" approach. Idaho Academy of Sciences annual meeting, Moscow, Idaho (March 2006).
Ecological risk assessment to support fuels treatment project decisions. Western Wildlands Environmental Threats Assessment Center, USDA Forest Service, Prineville, Oregon (March 2006).
Forest health and biomass energy potential in the Northern Rockies. Inland Empire Forest Engineering Conference, Moscow, Idaho (March 2006).
Economic aspects of forest sustainability. Idaho Chapter, American Fisheries Society annual meeting, Idaho Falls, Idaho (February 2006).
Society of American Foresters policy position statement process. Leadership Retreat, Inland Empire and Montana Societies of American Foresters, Lubrecht, Montana (January 2006).
Update on the Policy Analysis Group. Idaho Forest Products Commission Board of Directors meeting, Moscow, Idaho (November 2005).
Economic impact of salmon and steelhead fishing in Idaho: review of the Idaho Rivers United report. Practical Paths to Salmon Recovery II, Northwest Power and Conservation Council conference, Boise, Idaho (October 2005).
Idaho forest facts and forestry issues. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, Lewiston, Idaho (September 2005).
Risk assessment & natural resources management decisions: the "fire/fish" risk management problem. Umatilla National Forest Staff Seminar, Pendleton, Oregon (April 2005).
Forest fire smoke management policy: Can prescribed fires reduce subsequent wildfire emissions? Tri-Society Annual Meeting, Inland Empire, Oregon, and Washington State Societies of American Foresters, Lewiston, Idaho (April 2005, presented by P.S. Cook).
Risk assessment & natural resources management decisions: the "fire/fish" risk management problem. Inland Empire Society of American Foresters, Lewiston, Idaho (April 2005).
Certification programs: what can they do for you? (moderator). Sustainability in the Inland Northwest: Connections, Innovations and Opportunities conference, Boise, Idaho (March 2005).
Risk assessment & natural resources management decisions: the "fire/fish" risk management problem. Idaho National Forest Supervisors' meeting, Boise, Idaho (March 2005).
Forest site productivity as a basis for forest property taxation. Seminar for forest landowners and managers, Inland Empire Society of American Foresters, Palouse-Snake River Chapter, Moscow, Idaho (February 2005).
Risk assessment & natural resources management decisions: the "fire/fish" risk management problem. Inland Empire Society of American Foresters, Palouse-Snake River Chapter, Moscow, Idaho (October 2004).
Risk assessment & natural resources management decisions: the "fire/fish" risk management problem. Coeur d'Alene Chamber of Commerce Natural Resources Seminar Series (October 2004).
Risk assessment & natural resources management decisions: the "fire/fish" risk management problem. Nez Perce National Forest Staff Seminar, Grangeville, Idaho (September 2004).

Presentations at Meetings, Workshops, etc. (cont.)**:**

Idaho forest facts and forestry issues. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, Priest Lake, Idaho (September 2004).

Clean Water Act, best management practices, and Idaho's water quality policy. Food Producers of Idaho, annual Fact-Finding Tour for Congressional Aides and federal agency representatives, Lewiston, Idaho (August 2004).

Risk assessment policies for natural resources management, and prescribed burning policy in Idaho wilderness areas. Presentation of PAG Issue Briefs #4 and #5 to Clearwater Elk Collaborative, Lewiston, Idaho (August 2004).

The economic role of forest products in Idaho. Western Forest Economics Workshop, Welches, Oregon (May 2004).

Sustainability and the discount rate – How about zero? Western Forest Economics Workshop, Welches, Oregon (May 2004).

Forest trends in the Northern Rockies – industry & economy, forest health & policy. Montana Society of American Foresters, Missoula Chapter, Missoula, Montana (April 2004).

Idaho forest trends – industry & economy, forest health & policy. Intermountain Society of American Foresters, Snake River Chapter, Boise, Idaho (April 2004).

Ecological risk assessment and communication: a model comparing wildfire effects with & without hazardous fuel treatments. A Colloquium on Sustainable Forest Management, USDA Forest Service Headquarters, Washington, DC (March 2004).

Understanding forest and forest product certification. Logger Education to Advance Professionalism (LEAP) Update, 6 workshops in northern Idaho (March 2004, four presented by P.S. Cook).

Update on University of IdahoI College of Natural Resources Policy Analysis Group. Idaho National Forest Supervisors Meeting, Boise, Idaho (March 2004).

Idaho forest trends – industry & economy, forest health & policy. Private Landowners Workshop, Moscow, Idaho (March 2004).

Idaho forest trends – industry & economy, forest health & policy. 21st Inland Empire Forest Engineering Conference, Moscow, Idaho (March 2004).

Idaho's endowment (school trust) lands: mission and management. Idaho Education Association Board of Directors, Bose, Idaho (February 2004).

Comparison of two forest certification systems and Idaho legal requirements. Inland Empire Society of American Foresters, Palouse-Snake River Chapter, Moscow, Idaho (presented by P.S. Cook, January 2004).

Idaho forest facts and forestry issues. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, Priest Lake, Idaho (September 2003).

Forest health: policy and law. Western States Land Commissioners Association meeting, Big Sky, Montana (July 2003).

Idaho forest facts and forestry issues. Clearwater Education Foundation Forestry Tour, Orofino, Idaho (June 2003).

Policy analysis for natural resources: bringing science to policymakers. Department of Forest Resources Seminar, College of Natural Resources, University of Minnesota (May 2003).

Fuel treatments – why? Selkirk Chapter, Inland Empire Society of American Foresters, Forum for Nonindustrial Private Landowners, Moscow, Idaho (March 2003).

Idaho forest facts and forestry issues. Idaho Women in Timber annual meeting, Grangeville, Idaho (October 2002).

Idaho forest facts and forestry issues. Clearwater Education Foundation Forestry Tour, Orofino, Idaho (October 2002).

Idaho forest facts and forestry issues. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, Priest Lake, Idaho (September 2002).

Alternative approaches to managing federal lands: the Idaho Federal Lands Task Force study. Ecosystem Management and Landscape Ecology. Natural Resource Institute, Washington State University, Pullman (April 2002).

Federal forest management issues update: timber harvest policies and Charter Forests initiative. Idaho Environmental Forum, Boise, Idaho (April 2002).

Taxing forest property: analysis of alternative methods and impacts in Idaho. Nonindustrial Private Forestry Conference, Idaho Forest Owners Association, Moscow, Idaho (March 2002).

Forestry research update. Inland Northwest Foresters' Forum, Intermountain Forest Association, Post Falls, Idaho (February 2002).

Presentations at Meetings, Workshops, etc. (cont.)**:**

axing forest property: analysis of alternative methods and impacts in Idaho. Palouse/Snake River Chapter meeting, Society of American Foresters, Lewiston, Idaho (December 2001, presented by P.S. Cook).

Changes on the horizon: property taxes and other forest policy issues. Idaho Women in Timber annual meeting, Moscow, Idaho (October 2001).

Idaho forest facts and forestry issues. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, Priest Lake, Idaho (September 2001).

Idaho forest facts, featuring Idaho National Forests. "Ground Zero: Natural Resource Issues in the West," tour for National Association of State Universities and Land Grant College officials, Sun Valley, Idaho (August 2001).

Softwood lumber imports from Canada: an issue brief. Western Regional Meeting, Pulp and Paper Workers' Resource Council, Lewiston, Idaho (August 2001).

Why manage forests anyway? Protecting Our Community: How to Reduce Forest Fire Risk. Coeur d'Alene Chamber of Commerce, Coeur d'Alene, Idaho (May 2001).

Alternative approaches to managing federal lands: the Idaho Federal Lands Task Force study. Ecosystem Management and Landscape Ecology, Natural Resource Institute, Washington State University, Pullman (April 2001).

Clean Water Act implementation in Idaho. Shortcourse for Jordanian water resource managers and administrators. Washington State University, Pullman (March 2001).

Alternative approaches to managing federal lands: the Idaho Federal Lands Task Force study. Inland Empire Forest Engineering Conference, Moscow, Idaho (March 2001).

Active forest management and reducing wildfire risk. Intermountain Chambers [of Commerce] Timber Committee, Sandpoint, Idaho (March 2001).

Alternative approaches to managing federal lands: the Idaho Federal Lands Task Force study. Priest Lake Management Plan and Watershed Advisory Group, Priest Lake, Idaho (March 2001).

What's new in forestry? Issues in "forest health" management. Moscow League of Women Voters, Moscow, Idaho (January 2001).

Collaborative decision-making on the national forests: can it work? Conference discussion panelist on large-scale ecosystem assessments, School of Forestry, University of Montana, Missoula (January 2001).

Alternative approaches to managing federal lands: the Idaho Federal Lands Task Force study. Western Forestry Conference, Coeur d'Alene, Idaho (December 2000).

Idaho forest facts, featuring Idaho national forests. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, Priest Lake, Idaho (September 2000, presented by Philip S. Cook).

Forest certification: where it's from and where it's headed. Montana Society of American Foresters annual meeting, Missoula (September 2000).

Working with the press. Science Writing Workshop, College of Agriculture, University of Idaho, Moscow (April 2000).

Forest land management certification. Idaho State Board of Land Commissioners' Federal Lands Task Force Working Group, Boise, Idaho (March 2000).

Forest certification: where it's from and where it's headed. Inland Empire Forest Engineers Conference, Moscow, Idaho (March 2000).

Forest land management certification (moderator). Inland Empire Society of American Foresters annual meeting, Coeur d'Alene, Idaho (March 2000).

New approaches and initiatives for managing federal lands in Idaho. Idaho State Board of Land Commissioners' Federal Lands Task Force Working Group, Boise, Idaho (October 1999).

Idaho forest facts. Seminar for *Idaho Statesman* editorial staff, Boise, Idaho (October 1999).

Idaho forest facts. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, Priest Lake, Idaho (September 1999).

Analysis of alternatives for managing federally administered lands in Idaho. Inland Empire Forest Engineering Conference, Moscow, Idaho (March 1999).

Clean Water Act implementation in Idaho. Water Quality 2000 Conference, Idaho Association of Soil Conservation Districts and Idaho Cooperative Extension Service, Boise, Idaho (January 1999).

Analysis of alternatives for managing federally administered lands in Idaho (luncheon speaker). Intermountain Forest Industry Association annual meeting, Coeur d'Alene, Idaho (December 1998).

Analysis of alternatives for managing federally administered lands in Idaho (luncheon speaker). Sandpoint Chamber of Commerce meeting, Sandpoint, Idaho (November 1998).

Analysis of alternatives for managing federally administered lands in Idaho. Idaho Women in Timber annual meeting, Lewiston, Idaho (October 1998).

Presentations at Meetings, Workshops, etc. (cont.)**:**

Analysis of alternatives for managing federally administered lands in Idaho. Idaho Association of Counties annual meeting, Coeur d'Alene, Idaho (September 1998).

Idaho forest facts. Educators' Forestry Tour, Idaho Forest Products Commission, Riggins Hot Springs, Idaho (September 1998, presented by Philip S. Cook).

Idaho forest facts. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, Riggins, Idaho (August 1998).

Endangered Species Act and salmon issues. Washington Cooperative Extension Agents' and Specialists' Association annual meeting, Wenatchee, Washington (June 1998, presented by Steve Peterson).

Ecosystem-based management in the Interior Columbia River Basin: Society of American Foresters responses to the federal approach. Duke University Western Forestry Field Trip, Lewiston, Idaho (May 1998).

Ecosystem-based management in the Interior Columbia River Basin: Society of American Foresters responses to the federal approach (luncheon speaker). Western Forest Economists annual meeting, Welches, Oregon (May 1998).

Forest health and the Interior Columbia Basin Ecosystem Management Project. Northwest Forestry Association annual meeting, Stevenson, Washington (April 1998).

Political economy of the environment (co-moderator). Planetary Stewardship: An Interdisciplinary Conference on the Environment, Borah Foundation and the Martin Institute, University of Idaho, Moscow (April 1998).

National forest roads: translating favorable and unfavorable public attitudes into action. Forests of Okanogan County: A Citizen's Forum on Roadless Issues (A Washington Forest Congress Roundtable Event), Omak, Washington (April 1998).

Interior Columbia Basin Ecosystem Management Project Draft Environmental Impact Statements: Review comments by the Society of American Foresters. Meeting with the ICBEMP management team, Walla Walla, Washington (March 1998).

Analysis of alternatives for managing federally administered lands in Idaho. Martin Institute Advisory Board meeting, Moscow, Idaho (March 1998).

Federal ecosystem-based management policy and private forestry: Is there sunshine behind the clouds? Private Forest Landowner Workshop, Clearwater Resource Conservation and Development Council, Moscow, Idaho (March 1998).

Interior Columbia Basin Ecosystem Management Project: In search of the smoking gun. Intermountain Forest Industry Association annual meeting, Coeur d'Alene, Idaho (December 1997).

Clean Water Act implementation in Idaho. TMDL Outreach Workshop, Idaho Soil Conservation Commission, Moscow, Idaho, and Green Creek, Idaho (December 1997) [2 workshops].

SAF and forest policy. Society of American Foresters, Southwest Idaho Chapter meeting, Boise, Idaho (November 1997).

Interior Columbia Basin Ecosystem Management Project Draft Environmental Impact Statements: Review comments by the Inland Empire Society of American Foresters. Northwest Timber Workers Resource Council meeting, Lewiston, Idaho (October 1997).

Forest health conditions in Idaho, and Idaho forest facts. Educators' Forestry Tour, Idaho Forest Products Commission, McCall, Idaho (October 1997).

Interior Columbia Basin Ecosystem Management Project Draft Environmental Impact Statements: Review comments by the Inland Empire Society of American Foresters. Montana Society of American Foresters Executive Committee meeting, Missoula, Montana (September 1997).

Forest health conditions in Idaho, and Idaho forest facts. Opinion Leaders' Forestry Tour, Idaho Forest Products Commission, Riggins Hot Springs, Idaho (September 1997).

Idaho water quality policy for nonpoint source pollution: a manual for decision makers. Paradise Creek Watershed Advisory Group, Moscow, Idaho (March 1997).

Ecosystem management as natural resource policy. Continuing Education for Ecosystem Management (CEEM II, Module I), College of Forestry, Wildlife and Range Sciences, University of Idaho, Moscow, Idaho (February 1997).

Idaho water quality policy and alphabet soup. Palouse Chapter, Inland Empire Society of American Foresters, Moscow, Idaho (February 1997).

Idaho water quality policy for nonpoint source pollution. Idaho Association of Soil Conservation Districts annual meeting, Moscow, Idaho (November 1996).

Presentations at Meetings, Workshops, etc. (cont.)**:**

Endangered Species Act update and impacts on timber availability. Idaho, Montana, and North Dakota RC&D Associations' Annual Forestry/Rural Development Workshop, Bozeman, Montana (June 1996).

Endangered Species Act and other issues influencing Idaho timber availability. Wood Products Academy, University of Idaho, Moscow, Idaho (April 1996).

Forest health and productivity (moderator). Inland Empire Society of American Forests annual meeting, Moscow, Idaho (March 1996).

Endangered Species Act and other issues influencing Idaho timber availability. Forest Engineering Conference, Moscow, Idaho (February 1996).

Human dimensions of northern Idaho forests (moderator). Dynamics of Northern Idaho Forests Symposium, Coeur d'Alene, Idaho (February 1996).

If ecosystem management is the answer, what is the question? Northwest Mining Association annual meeting, Spokane, Washington (December 1995).

Forest health conditions in Idaho. Western Forestry and Conservation Association annual meeting, Coeur d'Alene, Idaho (December 1995).

Forest health in the Intermountain West. Intermountain Logging Conference annual meeting, Post Falls, Idaho (April 1995).

Forest health in the Northern Rockies in a changing social environment (banquet speaker). Montana Society of American Foresters annual meeting, Whitefish, Montana (March 1995).

What is a sustainable forest? Inland Empire Reforestation Council annual meeting, Post Falls, Idaho (March 1995).

Reauthorization of the Endangered Species Act: Where do we go from here? (moderator). Inland Empire Society of American Foresters annual meeting, Moscow, Idaho (March 1995).

The Endangered Species Act and other issues influencing Idaho timber availability. Forest Engineering Conference, Moscow, Idaho (March 1995).

The Endangered Species Act and other issues influencing Idaho timber availability. Wood Products Academy, University of Idaho, Moscow, Idaho (February 1995).

Can forest health be measured? California Forestry Association annual meeting, Sacramento, California (January 1995).

Natural resource policy analysis and issue education in Idaho. Oregon State University, College of Forestry seminar, Corvallis, Oregon (January 1995).

Endangered species, clean water, forest health, and other natural resource issues. Idaho Farm Bureau Federation annual meeting, Lewiston, Idaho (December 1994).

Ecosystem management as natural resource policy. Continuing Education for Ecosystem Management (CEEM I, Module I), University of Idaho, Moscow, Idaho (October 1994).

Endangered species, clean water, and forest health issues. Pulp & Paper Resource Council annual meeting, Clarkston, Washington (October 1994).

Assessment of forest conditions and their implications for management (moderator). Forest Health and Fire Danger in Inland Western Forests Conference, Spokane, Washington (September 1994).

Forest health concepts and their application to managing Idaho forests. American Forest & Paper Association, Forest Health Task Group, Spokane, Washington (July 1994).

Trends in federal/state regulation of forest practices and protection of other ecological values on private lands (moderator). Building Partnerships for Ecosystem Management on Forest and Range Lands in Mixed Ownership, Northern Rockies Workshop, Missoula, Montana (July 1994).

Endangered Species Act: fundamentals and current issues. Idaho Department of Fish and Game in-service training workshop, Boise, Idaho (June 1994).

Wolves, grizzly bears, and the Endangered Species Act. Environmental Awareness Day, Deary High School, Deary, Idaho (April 1994, three presentations).

Forest health conditions in Idaho (luncheon speaker). College of Forestry, Wildlife and Range Sciences Guidance Council annual meeting, Moscow, Idaho (April 1994).

Endangered Species Act: fundamentals and current issues. Idaho Outfitters and Guides Association, Idaho Falls, Idaho (April 1994).

Sustainable forestry and forest health in Idaho. Growing Sustainable Forest Enterprises: An Intermountain Idea Fair, Missoula, Montana (April 1994).

The future of public lands is the future of the West (banquet speaker). University of Idaho Alumni Association, Portland, Oregon (April 1994).

Endangered Species Act: fundamentals and issues. Idaho Travel Council, Grangeville, Idaho (March 1994).

Presentations at Meetings, Workshops, etc. (cont.)**:**

Forest health conditions in Idaho. Intermountain Forest Industry Association executive committee meeting, Boise, Idaho (March 1994).
Forest health conditions in Idaho. Inland Empire Society of American Foresters annual meeting, Post Falls, Idaho (March 1994).
Forest ecosystem health in southern Idaho. The Wildlife Society, Idaho Chapter annual meeting, Post Falls, Idaho (March 1994).
Forest health conditions in Idaho. ROOTS Forest Health Lectures (Resource Organization on Timber Supply), Lewiston, Idaho (January 1994).
Proposal for developing constituency-based consensus for ecosystem management planning. Northern Alliance for Natural Resource Research, Education, and Management, Missoula, Montana (December 1993).
Forest health conditions in Idaho. Forest Health in the Inland West Workshop, Sun Valley, Idaho (November 1993).
Environmental issues and the UI Policy Analysis Group. College of Agriculture Consulting Council annual meeting, University of Idaho, Moscow (November 1993).
Faculty in forest resource policy: Scientists? Educators? Advocates? Oregon State University, College of Forestry faculty workshop, Corvallis, Oregon (June 1993).
Are Idaho's forests healthy? (banquet speaker). University of Idaho, College of Forestry, Wildlife and Range Sciences Guidance Council Chair's Tour, Boise, Idaho (May 1993).
Endangered species roundtable discussion (moderator). Governor's Conference on Recreation and Tourism, Moscow, Idaho (May 1993).
Endangered Species Act: fundamentals and issues. Idaho Department of Lands staff meeting, Twin Falls, Idaho (May 1993).
Idaho roadless areas and wilderness proposals. Assembly of the student body, Moscow High School, Moscow, Idaho (April 1993).
Building coalitions across multiple natural resource groups (panel with E.A. Zinser and J.R. Hamilton). Idaho and Washington Associations of Dry Pea and Lentil Producers annual meeting, Moscow, Idaho (December 1992).
Crystal ball view of natural resource issues in the Clinton administration. Idaho Cattle Association annual meeting, Public Affairs Committee, Boise, Idaho (November 1992).
Endangered Species Act: a look ahead (banquet speaker). College of Forestry, Wildlife and Range Sciences, University of Idaho Alumni Association annual meeting, Boise, Idaho (November 1992).
Change the Endangered Species Act? What are the issues? A Community Forum, Panorama Chapter, Society of American Foresters, Kettle Falls, Washington (November 1992).
Analysis of methods for determining minimum instream flows for recreation (poster presentation). Instream Flow II Conference, Jackson, Wyoming (presented by Troy Merrill, October 1992).
A national park in Idaho? Proposals and possibilities. Idaho Travel Council meeting, Sandpoint, Idaho (September 1992).
Forest health: What does it mean, and what does it mean to you? Idaho National Forests supervisors meeting, Moscow, Idaho (September 1992).
The Endangered Species Act: What the law is and what it might become. Western States Land Commissioners Association annual meeting, Coeur d'Alene, Idaho (September 1992).
Examination of current natural resource issues affecting Indian tribes: threatened and endangered species (moderator). Northwest Indian Summer Symposium, University of Idaho, Moscow (June 1992).
Summary of alternative actions for restoring and maintaining salmonid populations in the Columbia River system. Briefing for congressional staff, University Task Force on Salmon and the Columbia River System, Spokane, Washington (December 1991).
Endangered Species Act: major components affecting land use. Sponsored presentation, meeting of the U.S. Department of Agriculture's Joint Council on Food and Agricultural Sciences and the National Agricultural Research and Extension Users Advisory Board, Tucson, Arizona (October 1991).
Political economy of wolf recovery in central Idaho. Western Forest Economists meeting, Welches, Oregon (May 1991).
Activities of the Idaho Forest, Wildlife and Range Policy Analysis Group (luncheon speaker). College of Forestry, Wildlife and Range Sciences Guidance Council annual meeting, Moscow, Idaho (April 1991).
Water quality policy and the cattleman. Nez Perce County Cattle Association annual meeting, Clarkston, Washington (November 1990).

Presentations at Meetings, Workshops, etc. (cont.)**:**

Challenges, choices and changes facing forestry today (theme address). Texas Forestry Association annual meeting, College Station, Texas (October 1990).

The politics of policy making. Executive Leadership of Political and Social Forces in Natural Resources Shortcourse, University of Idaho, Moscow (April 1990).

Long-range planning for timberland management. Harris County Forest Landowners Association, Houston, Texas (May 1989).

Hardwood fiber availability in East Texas: status report on a mill timbershed study. American Pulpwood Association Southwest Division Technical Meeting, Montgomery, Alabama (April 1989).

Timber supply/demand situation research. USDA Forest Service Regional Office seminar, Atlanta, Georgia (March 1989).

Problems in forest and land economics (moderator). Southern Economic Association annual meeting, San Antonio, Texas (November 1988).

Forestry products in East Texas (moderator). Agricultural Entrepreneurship and Economic Development in Northeast Texas Workshop, Texas Department of Agriculture and Texas Higher Education Coordinating Board, Tyler, Texas (August 1988).

Status of the forest economy in Texas. Joint annual meeting of the Texas Society of American Foresters and the Texas Forestry Association, Nacogdoches, Texas (October 1987).

Tax Reform Act of 1986 and the timberland owner. Clinic by Texas Agricultural Extension Service, Texas Forestry Association, and Consulting Foresters of Texas, Nacogdoches, Texas (February 1987).

Tax reform and the timberland owner. Texas Farm Bureau Federation annual meeting, Austin, Texas (January 1987).

Tax reform and timber income. Joint meeting of three Forest Landowners Associations (Walker, Montgomery, and San Jacinto Counties), Huntsville, Texas (October 1986).

Issues in financial analysis applications (moderator). Third annual Computer Conference, Forest Resources Systems Institute, Atlanta, Georgia (April 1986).

How to minimize your timber income tax now, and under the tax reform proposal. Three presentations to Forest Landowners Associations, Trinity, Montgomery, and Liberty Counties, Texas (January-March 1986). [3 presentations].

Ethics and the professional forester. Texas Society of American Foresters annual meeting, Lufkin, Texas (November 1985).

Estate taxes and timberlands. Seminar on Timberland Taxes, Consulting Foresters of Texas, Nacogdoches, Texas (September 1985).

What you should know about forest economics. Angelina County Forest Landowners Association, Lufkin, Texas (April 1985).

Forestry investment analysis workshops (instructor). Texas Extension Forestry Assistance Committee, Trinity and Overton, Texas (October 1984).

How not to pay too much tax on your timber income. Non-industrial Private Forest Landowners Seminar, Texas Forestry Association annual meeting, Dallas, Texas (October 1984).

Timber utilization seminar (moderator). Texas Society of American Foresters, Crockett, Texas (September 1984).

Plant location decisions in the southern pine plywood industry. Western Forest Economists meeting, Welches, Oregon (with David Cleaves, May 1984).

Microcomputer analysis of forestry investments. Texas Society of American Foresters annual meeting, Lufkin, Texas (November 1983).

Professional accreditation in forestry. American Society for Horticultural Science 80th annual meeting, McAllen, Texas (October 1983).

A cost vs. profit center approach to the role of woodlands in plant location decisions. Forest Products Research Society annual meeting, Norfolk, Virginia (June 1983).

Selecting wood processing plant locations. USDA Forest Products Laboratory Technical Seminar, Madison, Wisconsin (June 1983).

Timber demand and price outlook. Dallas Forestry Clinic, Texas Agricultural Extension Service, Dallas, Texas (March 1983).

Case examples of antitrust effects on the wood-based industry. Texas Society of American Foresters annual meeting, Lufkin, Texas (November 1982).

Timberland appraisal methods; and timber taxation. Consulting Foresters of Texas Workshop, Nacogdoches, Texas (September 1982).

Presentations at Meetings, Workshops, etc. (cont.)**:**

TRe ("Tree") Foundation, Inc.: Texas' unique privately-funded forestry incentives program. Midwest Forest Economists meeting, Duluth, Minnesota (August 1982).
Wood-based industry structure; microcomputers (instructor). Timber Procurement, a shortcourse for college credit, Forestry and Harvesting Training Center, Long Beach, Mississippi (May 1982).
Outlook for investments in timber management. Harris County Forestry Shortcourse, Houston, Texas (February 1982).
Large diversified firms with wood-based subsidiaries: how important are they in the industry? USDA Forest Products Laboratory Colloquium, Madison, Wisconsin (June 1980).
Wood-based industry structure. Western Forest Economists meeting, Welches, Oregon (May 1980).

Grants and Contracts Awarded:

1990-present, Forest Utilization Research, University of Idaho Special Program appropriation from the Idaho State Legislature allocated for the Idaho Forest, Wildlife, and Range Policy Analysis Group authorized by Idaho Code § 38-714 (approximately $250,000 per year from FY1996 to FY2009, reduced to $220,000 for FY 2010).

2009, $10,000, Western Governors' Association Forest Health Advisory Committee cooperative research: forest biomass supply analysis for western states by county.

2004-06, $50,000, Idaho Department of Lands cooperative research: old-growth forest and other non-timber values on Idaho's state lands: a comparative ecological and financial risk analysis.

2004-05, $22,000, Aldo Leopold Wilderness Research Institute cooperative research: Analysis of factors influencing wildland fire use decisions in Forest Service wilderness areas (with Penny Morgan, PI).

2001-03, $24,000, Idaho Department of Lands cooperative research: history of Floodwood State Forest management.

1990-98, Supervised completion of four Policy Analysis Group projects receiving special funding:
$40,000 from USDI Bureau of Land Management (PAG Report 2).
$40,000 from Idaho Legislature (PAG Report 5).
$20,000 from Idaho State Board of Education (PAG Report 6).
$10,000 from Idaho Legislature (PAG Report 17)

1987-89, Associate Professor, Department of Forest Science, Texas A&M. Obtained $90,000 in extramural research contracts from several private sources and state and federal agencies; additional $79,000 in state-supported research funds.

1981-86, Assistant Professor, Department of Forest Science, Texas A&M. Obtained $78,600 in extramural research contracts from federal agencies; additional $47,200 in state-supported research funds.

Grants and Contracts Submitted and Not Funded:

2012, $8.5 million, National Institute of Food and Agriculture Biomass Research and Development Initiative, "Deploying combined heat and power units in 50-100 rural communities in the western United States." Colorado Forest and Energy, LLC (PI), J. O'Laughlin member of the consortium (submitted April 2012, pending at this writing).
2011, $334,000, Agricultural Food and Research Initiative, "Identifying a cohesive policy framework for sustainable bioenergy feedstock development in Idaho and Montana," O'Laughlin, J., D. Saul, and J.D. Wulfhorst (PIs).
2010, $8.7 million, National Institute of Food and Agriculture Biomass Research and Development Initiative Competitive Grant, "Mobile fast pyrolysis of forest biomass and agricultural residues for biofuel production," Coleman, M. (PI), with J. O'Laughlin as one of 22 University of Idaho and Washington State University faculty participants.
2010, $4 million, Agricultural Food and Research Initiative, "Graduate Program in Bioenergy and Bioproducts," Morra, M. (PI), with J. O'Laughlin as one of 24 University of Idaho faculty participants.

Grants and Contracts Submitted and Not Funded (cont.)**:**

2009, $90,192, Joint Fire Science Program, "Smoke emissions analysis for fuel treatment projects," O'Laughlin, J. (PI). 4 p.
2009, $990,000, State Board of Education, "Center for Bioenergy and Bioproducts," Morra, M. (PI), with J. O'Laughlin as one of 21 University of Idaho faculty participants.
2009, $1.3 million, DOE/USDA pre-proposal application for Biomass Research and Development Initiative, "Valuation of avoided carbon and particulate emissions from using logging residues to produce energy as an alternative to open field burning," Gorman, T., and J. O'Laughlin (co-PIs), 4 p.
2008, $2.0 million, U.S. Endowment for Forestry and Communities, Greenville, South Carolina, invited pre-proposal on "forest investment zone" development, "Timbered horizons: improving conditions in Idaho's forests and forest-reliant communities," Salant, P., and J. O'Laughlin (co-PIs), 18 p.
2005, $90,985, Joint Fire Science Program, "City of Salmon Municipal Watershed Stewardship Project," O'Laughlin, J., W.J. Elliot, and F. Templeton (PIs). 4 p.
2004, $54,000, Joint Fire Science Program, "Comparing wildfire risks to fish, with and without fuel treatment," O'Laughlin, J., and W.J. Elliot (PIs). 4 p.
2003, Letter of Intent, National Commission on Science for Sustainable Forestry, "Risk management and decision support tools," O'Laughlin, J. (PI).

OUTREACH AND ENGAGEMENT:

Major University Committee Assignments:

University of Idaho:
- College of Natural Resources:
  - Chair, search committee, assistant professor of ecosystem services economics (2011).
  - Faculty Secretary (Fall 2008 – Spring 2010).
  - Chair, committee review of head, Department of Conservation Social Sciences (2005).
  - Member, search committee, economics and policy assistant professor (2004).
- Center for Advance Energy Studies Affiliate (2009 – present).
- Waters of the West Faculty (2006 – present).
- College of Graduate Studies:
  - Presidential Management Fellows application evaluation committee (2010 – present).
  - Graduate Faculty, full member (1990 – present).
- Excellence in Outreach Award selection committee (2001).
- Martin Institute for Peace Studies and Conflict Resolution, Fellow (1992 – 1999).
- University Task Force on Salmon and the Columbia River System (one of three representing the University of Idaho on this Pacific Northwest Extension Service effort by the land grant and sea grant institutions in Idaho, Washington, and Oregon, 1990 – 1995).
- College of Business and Economics, A.D. Davis Faculty Fellowship Selection Committee (a $30,000 annual award; 1994 – 1996).
- Idaho Water Resources Research Institute, ad hoc research advisory committee on community-based environmental protection in the Coeur d'Alene Basin (1998).

Texas A&M University System:
- Department of Forest Science:
  - Chair, Curriculum Committee (1982-89).
  - Chair, Promotion and Tenure Committee (1989).
  - Chair, Scholarship Committee (1981-87).
- College of Agriculture and Life Sciences:
  - Dean's Faculty Advisory Committee, elected member (1988-89).
  - Natural Resources Conservation Curriculum Revision Committee, member (1988-89).
  - Departmental Coordinator of Student Advising (1983-89).
  - Dean's committee for zero-based curriculum proposal to Kellogg Foundation (1985).
- Texas Agricultural Experiment Station:
  - Annual Staff Conference Planning Committee (for 500 scientists, 1984-88):
    - General Chair (1988 meeting).
    - Chair, Program Committee (1987 meeting).
    - Chair, Meeting Arrangements Committee (1986 meeting).

Professional and Scholarly Organization Affiliations and Service Activities:

Society for the Policy Sciences:
Elected to membership (2001-present).

Society of American Foresters:
Member (1980-present).
Inland Empire Society of American Foresters:
Forest Policy Committee, chair (1997-99, 2001-present), member (2000).
Forest Policy Committee (national):
Appointed member by SAF president (2001-03).
Nominated for membership by SAF Council representative (1997).
Subcommittee to review national process for taking policy positions (1994).
Task Force on Endangered Species Act Reauthorization (national), advisory member (1992).
Texas A&M Student Chapter, faculty advisor (helped students found chapter in 1989).
Texas Society of American Foresters:
Legislative and Policy Committee (1982, 1985-89).
Chair, Education Committee (1983-84).

Texas Forestry Association:
Director (elected, 1985-88).
Annual Meeting Planning Committee (1985).
Membership Committee (1984-86).

Ξ Σ Π Honor Society:
Society of Xi Sigma Pi (national forest resources management honor society):
Epsilon Chapter, University of Idaho, faculty advisor (1996-2002).
Delta Chapter, University of Minnesota, (initiated 1976).

Editorial Boards:
Forest Policy and Economics (2002-present)
Western Journal of Applied Forestry (2009-present), Associate Editor, Policy
Journal of Forestry (2010-present), Associate Editor, Policy

Referee:
BC Journal of Ecosystems & Management
Canadian Journal of Forest Research
Environmental Management
Forest Ecology and Management
Forest Policy and Economics
Forest Science
Hydrology and Earth Systems Science
International Journal of Ecological Economics & Statistics
Journal of Forest Products Business Research
Journal of Forestry
Journal of Natural Resources and Life Sciences Education
Journal of Sustainable Forestry
Journal of Water, Air and Soil Pollution
Landscape and Urban Planning
Land Use Planning
Martin Journal of Conflict Resolution
Society and Natural Resources
Southern Business and Economics Journal
Southern Journal of Applied Forestry
Western Journal of Applied Forestry
Wood and Fiber
Wood and Fiber Science

Professional and Scholarly Organization Affiliations and Service Activities (cont.):

Peer review:

Auburn University, School of Forestry and Wildlife Sciences (faculty promotion)
Forest Resources Systems Institute
Idaho Cooperative Fish and Wildlife Research Unit (endangered species articles)
Idaho Office of the Governor (research proposal to the Western Governors' Association)
Inland Northwest Forest Products Consortium (CREES proposal)
John Wiley & Sons, Inc.
Lincoln Institute of Land Policy/Sonoran Institute (joint venture report on state trust lands)
McGraw-Hill Book Co.
Minnesota Forest Resources Council
Oregon State University:
- Forest Research Laboratory
- Department of Forest Resources (faculty promotion & tenure)
- Department of Forest Resources (faculty promotion)
- Department of Speech Communication (faculty promotion)

Pacific Northwest Extension Service:
- University Task Force on Salmon and the Columbia River System

Texas A&M University, Texas Agricultural Experiment Station
University of Georgia, Georgia Agricultural Experiment Station
University of Minnesota, Department of Forest Resources (faculty promotion & tenure)
University of Montana, Bureau of Business and Economics Research
United States Congress, House of Representatives, Committee on Agriculture
United States Department of Agriculture:
- Coop. State Research, Education and Extension Service: Small Business Innovation Res.
- Coop. State Research, Education and Extension Service: National Needs Fellowship (6/09)
- Economic Research Service
- Forest Service:
  - Research & Development, Washington, DC (sustainable forestry)
  - Pacific Northwest Forest and Range Experiment Station
  - Pacific Northwest Research Station
  - Rocky Mountain Forest and Range Experiment Station
  - Rocky Mountain Research Station
  - Southern Forest Experiment Station

Utah State University:
- Department of Sociology (faculty promotion & tenure)
- Department of Environment & Society (faculty promotion & tenure)

Virginia Tech University, Dept. of Forestry (faculty promotion & tenure)
Washington State Department of Natural Resources
Washington State University, Dept. of Natural Resource Sciences (faculty promotion & tenure)
Western Governors' Association

Outreach and Engagement Activities:

Testimony to U.S. Congress:

Community-based land management and Charter Forests. Testimony for Society of American Foresters to Oversight Hearing before the Subcommittee on Forests and Forest Health, Committee on Resources, U.S. House of Representatives, Washington, DC (April 25, 2002). Published as Committee on Resources Serial No. 107-108, US Government Printing Office.

History and analysis of federally administered lands in Idaho. Testimony for Idaho State Board of Land Commissioners at oversight hearing on U.S. Forest Service decision-making processes, Subcommittee on Forests and Forest Health, Resources Committee, U.S. House of Representatives, Washington, DC (hearing was scheduled September 25, 1998, canceled due to impeachment hearings, and not rescheduled).

Testimony to U.S. Congress (cont.)**:**

Background, context, and description of the proposed legislation: Title II – Coordination and Compliance with Other Environmental Laws – of the Public Land Management Responsibility and Accountability Restoration Act. Testimony at a legislative "workshop," Subcommittee on Forests and Public Land Management, Committee on Energy and Natural Resources, U.S. Senate, Coeur d'Alene, Idaho (October 1997).

Forest health in Idaho: conditions, concepts, causes, cures, and concerns. Testimony to field hearing on forest health conditions in the Intermountain West, Subcommittee on Agricultural Research, Conservation, Forestry, and General Legislation, Committee on Agriculture, Nutrition, and Forestry, U.S. Senate, Boise, Idaho (May 1994).

Presentations to Federal Policymakers Based in Washington, D.C. (other than testimony):

Secure Rural Schools program reauthorization, U.S. Forest Service timber sale program, and trust land management" Presentation of PAG Issue Brief No. 14, Idaho Association of Counties annual meeting, Moscow, Idaho (September 2011, with Rep. Raúl Labrador).

Secure Rural Schools program reauthorization, U.S. Forest Service timber sale program, and trust land management." Presentation of PAG Issue Brief No. 14, University of Idaho Vice President for Research and Economic Development briefing for Rep. Raúl Labrador's staff, Moscow, Idaho (August 2011).

Forest health and woody biomass energy potential in the Northern Rockies. Adams County Biomass Working Group meeting with congressional staff, Boise, Idaho (August 2006).

Superfund Liability Reform in 2002. Response to a request from U.S. Senator Larry Craig's office. Published as PAG Issue Brief no. 3 (September 2003).

Reducing hazardous fuels: comprehensive silviculture and sustainable forestry. Presentations accompanying signing of the 10-year Implementation Plan for the National Fire Plan, Western Governors Association, Secretaries of Interior and Agriculture, and Chair, Council on Environmental Quality, Idaho City, Idaho (May 23, 2002). Contribution no. 957, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho.

Forest health conditions in Idaho, and Idaho forest facts (banquet speaker). Pulp and Paperworkers' Resource Council forum for Chair, Council on Environmental Quality, Executive Office of the President. Kelly Forks Work Center, Clearwater National Forest, Idaho (July 1998).

Forest health conditions in Idaho, and Idaho forest facts. Pulp and Paperworkers' Resource Council Forum for Congressional Staff Members, Clarkston, Washington (August 1997).

Forest health in Idaho: concepts, conditions, causes, cures, and concerns (banquet speaker). Pulp & Paper Resource Council tour and forum for U.S. Congress staff members, Lewiston, Idaho (April 1996).

Analysis of roadless areas and wilderness proposals in Idaho. PAG Report 10, public meeting with Congressman LaRocco and other congressional staff, Wilderness Research Center, University of Idaho, Moscow (December 1992).

Testimony to Idaho Legislature on PAG Report Series:

Idaho's endowment lands: a matter of sacred trust. Presentation of PAG Report No. 1, 2nd Edition, to Natural Resources Interim Committee, Boise, Idaho (August 2011).

Three recent reports by the College of Natural Resources Policy Analysis Group, University of Idaho: Public land exchanges (PAG Report No. 29), Bighorn sheep and domestic sheep situation in Idaho (PAG Report No. 30), and Wood bioenergy opportunities and challenges (Forestry Task Force Report, Idaho Strategic Energy Alliance). Idaho Legislature, House Resources and Conservation Committee, Boise, Idaho (March 2010).

Forestry Task Force Report, Idaho Strategic Energy Alliance. Energy, Environment and Technology Interim Committee, Idaho Legislature, Boise, Idaho (October 2009).

Review of four recent Policy Analysis Group project reports. Senate Resources and Environment Committee, Idaho Legislature, Boise, Idaho (February 2009).

Wildfire and smoke management policies. Presentation of work in progress to Senate Resources and Environment Committee, Idaho Legislature, Boise, Idaho (January 2008).

Testimony to Idaho Legislature on PAG Report Series (cont.)**:**

Timber harvests and receipts from National Forest System lands in Idaho. Presentation of PAG Issue Brief #10 to National Forest System / Woody Biomass Interim Committee, Idaho Legislature, Boise, Idaho (September 2007).

Woody biomass utilization issues in Idaho. Presentation of work in progress to National Forest System / Woody Biomass Interim Committee, Idaho Legislature, Boise, Idaho (August 2007).

Idaho's forest products business sector: contributions, challenges and opportunities. Presentation of PAG Report 26 to Senate Resources and Environment Committee, Idaho State Legislature, State Capitol Building, Boise, Idaho (February 2007).

Forest health, forest products business sector, and woody biomass energy: findings from two new studies. Presentation of PAG Fact Sheet #1 to Senate Resources and Environment Committee, Idaho State Legislature, State Capitol Building, Boise, Idaho (February 2006).

Endowment fund reform and Idaho's state lands: evaluating financial performance of forest and rangeland assets. Presentation of PAG Report 21 to House Resources and Conservation Committee, Idaho State Legislature, State Capitol Building, Boise, Idaho (February 2003).

Public opinion of water quality issues and funding options in Idaho. Presentation of PAG Report 17 to three committees of the Idaho Legislature, State Capitol Building, Boise, Idaho (February 1999) [three presentations].

Idaho water quality policy for nonpoint source pollution: a manual for decision makers. Presentation of PAG Report 14 to legislators and other officials and citizens, Gold Room, State Capitol Building, Boise, Idaho (January 1997).

Forest health conditions in Idaho. Presentation of PAG Report 11 to two committees of the Idaho Legislature (February 1994) [two presentations].

Endangered Species Act: reauthorization issues. Idaho Legislature, Forum on Endangered Species Act and Clean Water Act Reauthorization, Boise, Idaho (January 1994).

State agency roles in Idaho water quality policy. Presentation of PAG Report 5 to Committee on Resources and Conservation, Idaho Legislature, Boise, Idaho (February 1991).

Presentations to Elected State Officials:

Impacts on federal and state water quality programs from the 9th Circuit Court decision on forest roads (moderator). Luncheon program, Forestry Day at the Legislature, Boise, Idaho (February 2011).

The great fires of 1910 (moderator). Luncheon program, Forestry Day at the Legislature, Boise, Idaho (January 2010).

Forestry and biomass energy potential in Idaho (feature presentation). Luncheon program, Forestry Day at the Legislature, Boise, Idaho (January 2009).

Conservation easements for working lands (moderator). Luncheon program, Forestry Day at the Legislature, Boise, Idaho (January 2008).

Forest ecosystem services: storing and releasing energy and carbon (moderator and presentor). Luncheon program, Forestry Day at the Legislature, Boise, Idaho (February 2007).

Idaho forest products business sector (moderator). Luncheon program, Forestry Day at the Legislature, Boise, Idaho (February 2006).

Forest policy issues: a professional viewpoint (moderator). Luncheon program, Forestry Day at the Legislature, Boise, Idaho (February 2005).

Idaho forest trends – industry & economy, forest health & policy (feature presentation). Forestry Day at the Legislature, Boise, Idaho (February 2004).

Wildfire policy and the Pulaski Project. Testimony to State Affairs Committee, Idaho House of Representatives (February 2004).

Idaho forest facts and forestry issues (feature presentation). Luncheon program, Forestry Day at the Legislature, Boise, Idaho (February 2003).

Forest policy issues: a professional viewpoint. Society of American Foresters Legislative Luncheon (February 2002).

Presentations to Elected State Officials (cont.)**:**

Softwood lumber imports from Canada: an issue brief. Prepared at the request of Idaho State Representative Charles Cuddy in response to letter to Idaho Legislature from Canadian Consulate General in Seattle. Published as PAG Issue Brief no. 1 (April 2001).

Active management and Idaho's forests. Society of American Foresters Legislative Luncheon, Boise, Idaho (January 2001).

Federal land pilot projects in Idaho: breaking the gridlock. Idaho State Board of Land Commissioners meeting, Boise (December 2000).

Idaho forest facts, featuring Idaho national forests. Western States Legislative Forestry Task Force meeting, Coeur d'Alene, Idaho (September 2000).

Roadless areas in Idaho's national forests and President Clinton's proposal. Society of American Foresters Legislative Breakfast, Boise, Idaho (January 2000).

Analysis of alternatives for managing federally administered lands in Idaho, and introduce panel moderator. Society of American Foresters Legislative Breakfast, Boise, Idaho (January 1999).

Forest health conditions in Idaho, and Idaho forest facts. Society of American Foresters Legislative Breakfast, Boise, Idaho (January 1998).

Endangered Species Act and other issues influencing Idaho timber availability. Western States Legislative Forestry Task Force, McCall, Idaho (September 1995).

Economic importance of Idaho's timber industry. Intermountain Forest Industry Association, forum for Idaho State Board of Land Commissioners candidates. Orofino, Idaho (August 1994—Democrats) and Beaver Lake, Idaho (July 1994—Republicans) [two presentations].

Activities of the Idaho Forest, Wildlife and Range Policy Analysis Group. Western States Legislative Forestry Task Force meeting, Boise, Idaho (March 1991).

Presentations to Wildland Fire Leadership Council:

Restoring and maintaining resilient landscapes via active vegetation management at large scales helps create fire-adapted communities and improve responses to wildfires. Wildland Fire Leadership Council meeting, presented SAF position statement as stakeholder comments on the Western Region Strategy, National Cohesive Strategy for Wildland Fire Management, Denver, Colorado (November 2011, expenses reimbursed).

Wildfire risk reduction, fuels treatment, and federal land management planning: incorporating risk analysis into landscape- and project-level planning. Wildland Fire Leadership Council meeting, Reno, Nevada (July 2010, expenses reimbursed).

Comments on the National Cohesive Wildland Fire Management Strategy. Submitted via Net Forum of the Wildland Fire Leadership Council's Cohesive Strategy Oversight Committee. Washington, D.C. (submitted June 2010, via webinar).

Planning approach for reducing wildfire risks on federal lands. Wildland Fire Leadership Council meeting, Red Lodge, Montana (June 2007, expenses reimbursed).

Society of American Foresters (SAF) Newsletters, Position Statements, etc., not listed elsewhere:

"Policy Scoreboard," *Western Forester* (in each of 5 issues per year, contribute policy perspectives from and developments in the Inland Empire region, 2001-present).

Restoring and maintaining resilient landscapes via active vegetation management at large scales helps create fire-adapted communities and improve responses to wildfires. Regional Position Statement, Inland Empire and Intermountain Societies of American Foresters, submitted as stakeholder comments on the Western Region Strategy, National Cohesive Strategy for Wildland Fire Management (August 2011, co-author)

Climate Change, Bioenergy, and Sustaining Forests in Idaho and Montana, regional conference planning committee (for March 2010, Boise, Idaho, program chair).

Utilization of woody biomass from federal land. Inland Empire SAF Position Statement (May 2009, author).

Professional forestry education in the state of Washington. Inland Empire & Washington State Society of American Foresters joint position statement (May 2008, principal author).

Society of American Foresters (SAF) Newsletters, Positions, etc., not listed elsewhere (cont.)**:**

Idaho roadless rule. Inland Empire & Intermountain Society of American Foresters joint position statement (comments on U.S. Forest Service proposed rulemaking) (April 2008, principal author).

Wildland fire management. SAF Position Statement draft (March 2008, principal author).

School Fire salvage recovery project: comments on the draft environmental impact statement. Inland Empire SAF Position Statement (June 2006, co-author).

Pilot projects for evaluating innovative federal land management opportunities. SAF Position Statement (August 2003, co-author).

Sustainable forest management requires active management. Inland Empire & Montana SAF Joint Position Statement (March 2003, principal author).

Forest health and fuel management. Inland Empire & Washington State SAF Position Statement (January 2003, principal author).

Pilot projects can test alternative approaches to managing federal lands. Inland Empire & Intermountain SAF Joint Position Statement (December 2002, co-author).

National Forest reform in the Second Session of the 107th Congress: Viewpoints of the Society of American Foresters. SAF Position Statement (June 2002, co-author).

World forestry. SAF Position Statement (June 2002, contributing author).

Protecting endangered species habitat on private land. SAF Position Statement (June 2002, principal author).

Community-based land management and Charter Forests. Testimony for the SAF to Subcommittee on Forest and Forest Health, Committee on Resources, U.S. House of Representatives, Washington, DC (April 25, 2002).

Timber harvesting on federal lands: an essential component of sustainable forest management. SAF Position Statement (December 2001, extensive revisions on several drafts).

Letter from SAF Executive Vice President to Secretary of Agriculture on National Forest Management Act planning regulations rule on species diversity. SAF Position Statement (February 2001, authored first draft).

Fuel management can reduce wildfire risk. Inland Empire SAF Position Statement (February 2001, principal author).

Review comments on the Supplemental Draft Environmental Impact Statement for the Interior Columbia Basin Ecosystem Management Project. Inland Empire SAF Position Statement (July 2000, principal author).

Forestry's role in the protection of Pacific salmon habitat in forested watersheds." A Regional Position Statement of the Society of American Foresters Units in Alaska, California, Idaho, Oregon, and Washington (contributing author).

Riparian conservation area objectives and standards, review comments. In, Review Comments on the Interior Columbia Basin Ecosystem Management Project Draft Environmental Impact Statements, Inland Empire SAF Position Statement (July 2000).

Inland Empire Society of American Foresters (J. O'Laughlin,. (1997). Review Comments on the Interior Columbia Basin Ecosystem Management Project Draft Environmental Impact Statements. Inland Empire SAF Position Statement (July 1997, compiler and editor).

Reauthorization of the Endangered Species Act: Where do we go from here? Roundtable discussion at the Inland Empire Society of American Foresters annual meeting, Moscow, Idaho (March 1995, organizer and compiler). Contribution no. 758, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow.

The politics driving ecosystem management, or, the necessity of managing the forest component of ecosystems to promote forest health and sustainability. Keynote address, Inland Empire Society of American Foresters annual meeting, Post Falls, Idaho (March 1994). Contribution no. 715, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow.

Federal constraints on forestry—current and future. Inland Empire Society of American Foresters annual meeting, Post Falls, Idaho (March 1993). Contribution no. 678, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow.

Biodiversity issues in forest management: social, economic, and cultural trends. Inland Empire Society of American Foresters annual meeting, Spokane, Washington (March 1992). Contribution no. 630, Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow.

Committee Memberships:

Western Governors' Association Forest Health Advisory Committee:
Appointed by Governor C.L. "Butch" Otter (2007-present),
Executive leadership group (2008-present),
Woody Biomass Utilization & Energy Production Subcommittee, Chair (2010-2011),
Woody Biomass Utilization & Energy Production Subcommittee, Co-chair (2008-2010),
Appointed by Governor Dirk Kempthorne (2004-2007).
Idaho Strategic Energy Alliance:
Appointed by Governor C.L. "Butch" Otter (2008-present),
Forestry Task Force, Chair (2008-present),
Carbon Issues Task Force (2009-present).
Idaho Carbon Sequestration Advisory Committee:
Appointed by Governor C.L. "Butch" Otter (2007-present).
Inland Northwest Regional Monitoring and Evaluation Team for the Stewardship Contracting End Result Demonstration Project, Pinchot Institute for Conservation (2003-present).
Investment Plan Working Group, Idaho Dept. of Lands (2001).
Forest Management Analysis Services Proposal Evaluation Team, Idaho Dept. of Lands (1999).
Federal Lands Task Force, Idaho State Board of Land Commissioners (1996-98).
TMDL Process (Water Quality) Workshops planning committee (1997).
Dynamics of Northern Idaho Forests Symposium planning committee (1995).
Southern Forest Economics Workers (SOFEW) Steering Committee (1985-88).
Southern Timber Supply Study Committee, USDA Forest Service (1985-87).
Southern Forestry Symposium, Forestry Education Committee, National Association of Professional Forestry Schools and Colleges, Atlanta, Georgia (1985).

Televised Interviews:

Forestry interview panelist, *Eye on Idaho*, KBCI-TV, Boise, Idaho (April 2006).
Collaborative process and national forest management objectives (also spey casting in Clearwater River for B-run steelhead). "Conflict in the Clearwater," *Outdoor Idaho*, Idaho Public Television, Boise, Idaho (June 2003).
Idaho roadless areas and President Clinton's proposed policy. "Our Public Lands," *Outdoor Idaho*, Idaho Public Television, Boise, Idaho (July 2000).
Alternatives for managing federally administered lands in Idaho. *Evening News*, KBCI-TV, Boise, Idaho (November 16-20, 1998).
Active management. "Fighting Fire with Fire." *Dialogue*, KUID-TV, Boise, Idaho (March 1997, with Secretary Babbitt and John C. Freemuth).
Forest fire regimes in ponderosa pine forests. Televised "Forestry Minute," Idaho Forest Products Commission, Boise, Idaho (October 1994).
Forest health and forest fire conditions in the Inland West. *MacNeil/Lehrer Newshour*, Public Broadcasting Service, Washington, DC (August 23, 1994).
Forest health conditions in Idaho. "The Health of Our Forests," *Outdoor Idaho*, KUID-TV, Boise, Idaho (July 1994).
A National Park in Idaho? Proposals and possibilities. Television interview and public meeting presentation, College of Forestry, Wildlife and Range Sciences Guidance Council, Twin Falls, Idaho (June 1992).

Radio Interviews:

A rancher, a logger, and economic fate in rural Idaho. State Impact Idaho, Boise State Public Radio and National Public Radio (July 2012). Transcript at: http://stateimpact.npr.org/idaho/2012/07/11/a-rancher-a-logger-and-economic-fate-in-rural-idaho/; NPR broadcast at http://www.npr.org/player/v2/mediaPlayer.html?action=1&t=1&islist=false&id=157580700&m=157580689

Radio Interviews (cont.)**:**

How are wildfires managed? Sign of Science, part of Hear the Answer National Public Radio program series, sponsored by the National Science Foundation, produced by Finger Lakes Productions International (December 2011). http://www.heartheanswer.com/index.php?action=feature&qid=1755

Biomass as an energy source. Elemental Idaho public affairs program series, Radio Boise KRBX.FM, sponsored by the Idaho Council on Industry and the Environment (December 2011). http://elementalidaho.org/2011/12/

Wood products: looking for growth in old places. State Impact Idaho, Boise State Public Radio and NPR (September 2011). Transcript at: http://stateimpact.npr.org/idaho/2011/09/19/wood-products-looking-for-growth-in-old-places/

Other Interviews:

Healthy forests lead to clean air. Interview with Mike Patrick, editor, *North Idaho Business Journal* (April 2012) available online at http://nibusinessjournal.com/2012/03/healthy-forests-lead-to-clean-air/ also available online at *Forest Business Journal* and *Evergreen Magazine* websites.

Occasional interviews by news media journalists, including: *Idaho Statesman*, *Lewiston Morning Tribune*, *Spokesman-Review*, Moscow-Pullman *Daily News*, *Minicassia Times-News*, *New York Times*, *salon.com*, National Public Radio.

Forest health conditions in Idaho, and the role of the Policy Analysis Group in meeting the land grant mission. *High Country News*, Paonia, Colorado (November 13, 1995).

Forest health conditions in Idaho (interview). *USA Today* (published March 9, 1994).

Forest health conditions in Idaho. News media conference, Boise, Idaho (March 1994).

Natural resource issues and the UI Policy Analysis Group. University of Idaho Alumni Association media tour, Boise, Twin Falls, and Idaho Falls (October 1993) [5 interviews].

Honors and Awards for Outreach:

University of Idaho:
- Excellence in Outreach Award (university-wide faculty award, 2000).

Western Governors' Association Certificate of Appreciation:
- Outstanding Commitment and Support of the Forest Health Advisory Committee (2011).

Society of American Foresters:
- Award in Forest Science (2010).
- Fellow (elected 2000).
- Communicator of the Year, Inland Empire Society of American Foresters (1998).
- Certificates of Continuing Forestry Education Accomplishment (1986, 1985, 1983).

U.S. Department of Agriculture Certificates of Appreciation:
- Participation in National Silviculture Workshop (2009).
- Monitoring team evaluating stewardship contracting pilot projects (2005).

Office of the Governor of the State of Idaho, and Idaho State Board of Land Commissioners:
- Certificate of Appreciation, assisting Federal Lands Task Force Working Group (2000).
- Certificate of Appreciation and plaque for service on Federal Lands Task Force (1998).

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PROFESSIONAL DEVELOPMENT: Almost all conferences, symposia, roundtables, workshops, annual meetings, etc., in forestry cover topics that are valuable in both teaching and scholarship, and also quite often outreach. It is therefore not possible to assign most forestry professional development activities to one or the other of these categories. One exception is international activities. A list of those follows, and then a list of other professional development activities.

International Activities:

Teaching International Students:

M.S. student, committee member (Abubakaar Mansaray, Sierra Leone, 2009-2010).
Ph.D. student, committee member (Romauld Kodotse Afatchao, Togo, 2003-2009).
Ph.D. student, major professor (Jacqueline Maximillian, Tanzania, 2002-2007).
Fulbright scholar, M.S., major professor (Almudi Lukman, Philippines, 2002-04)
Fulbright scholar, M.S. major professor (Eliane Duarte, Brazil, 1999-2001, did not complete).
UN-FAO Fellowship scholar, major advisor (Su Chunyu, Peoples Republic of China, 1994).
Rotary International scholar, M.S., major advisor (Pentti Hyttinen, Finland, 1989).
Ph.D. student, major professor (Lita C. Rule, Philippines, 1985-88).
M.S. students (3), major professor (Mexico, 1983-85).

International Scholarship:

Invited presentation to Swedish Pulp & Paper Association members, Stockholm, Sweden, with 2-day tour of forestry activities in Falun area (1986).

International Outreach Development:

Working in a Cross-cultural Environment, 1-week workshop, U.S. AID Title XII Strengthening Grant, Texas A&M University (1989).
2-week tour of internationally sponsored development projects in Honduras, U.S. AID Title XII Strengthening Grant, Texas A&M University (1989).

Other Professional Development Activities:

Western Forest Economists annual meeting, Welches, Oregon (June 2012, Newport, Oregon; May 2011, 2007, 2004, 1998, 1991, 1990, 1985, 1984, 1980, Welches, Oregon) [10 meetings].
Rocky Mountain Forest Restoration and Biomass Summit, Denver, Colorado (April 2012).
International Biomass Conference and Exposition, Denver, Colorado (April 2012).
Inland Northwest Foresters' Forum, Couer d'Alene, Idaho (February 2012, 2011, 2010, 2009, 2003, 2002) [6 meetings].
Western Governors' Association Forest Health Advisory Committee meeting (expenses reimbursed): Denver, Colorado (November 2011, with Wildland Fire Leadership Council); Reno, Nevada (July 2010, with Wildland Fire Leadership Council); Reno, Nevada (March 2010); Boise, Idaho (October 2009); Red Lodge, Montana (June 2007, with Wildland Fire Leadership Council); Warm Springs, Oregon (May 2006, with Wildland Fire Leadership Council); Coeur d'Alene, Idaho (May 2005, with Wildland Fire Leadership Council); Tempe, Arizona (October 2004); Reno, Nevada (March 2004) [9 meetings].
Society of American Foresters national convention, Honolululu, Hawaii (November 2011); Reno, Nevada (November 2008); Portland, Oregon (October 2007); Denver, Colorado (September 2001); Anchorage, Alaska (September 1994); Fort Collins, Colorado (July 1985) [6 conventions].
Western Energy Policy Research Conference, Energy Policy Institute. Center for Advanced Energy Studies, Boise State University, Boise, Idaho (August 2011, expenses partially reimbursed).
Biomass Roundtable, Energy Policy Institute, Center for Advanced Energy Studies, Couer d'Alene, Idaho (August 2011).
National Forest Inventory and Analysis (FIA) User Group Annual Meeting, Sacramento, California (March 2011, expenses reimbursed).
Wood Biopower Workshop, The Energy Foundation, St. Paul, Minnesota (February 2011, expenses reimbursed).

Other Professional Development Activities:

Pacific West Biomass Conference, Seattle, Washington (January 2011).
Policy Practice and Research Workshop, Tenth Annual Policy Meeting, Rural Voices for Conservation Coalition, Troutdale, Oregon (December 2010, expenses reimbursed).
Bioelectricity and Greenhouse Gas Emissions Workshop, U.S. Dept. of Agriculture, Office of the Chief Economist, Washington, DC (November 2010, expenses reimbursed).
Practical Paths 2010: Understanding the Science and Politics of Climate Change. Idaho Council on Industry and Environment, Boise, Idaho (September 2010).
Forest Resources Association Western Division and Montana Wood Products Association joint annual meeting, Whitefish, Montana (September 2010, expenses reimbursed).
Energy Education Workshop – Renewable Energy Primer and Plugging Wood into the Power Grid, Missoula, Montana (July 2010, expenses reimbursed).
Pacific Northwest Regional Economics Conference, Missoula, Montana (May 2010, expenses partially reimbursed).
Climate Change, Bioenergy and Sustaining the Forests of Idaho and Montana Conference, Society of American Foresters and partner organizations, Boise, Idaho (March 2010).
Society of American Foresters Southeast Section annual meeting, Auburn, Alabama (February 2010, expenses reimbursed).
Residues-to-Revenues, 8th Biennial Residual Wood Conference, Richland, BC, Canada (October 2009, expenses reimbursed).
Sustainability of Forest Bioenergy, Interior West region workshop, Heinz Center for Science, Economics, and the Environment and The Pinchot Institute, Fort Collins, Colorado (October 2009, expenses reimbursed).
Practical Pathways to Reliable Electricity. Idaho Council on Industry and the Environment, Boise, Idaho (September 2009).
Montana Bioenergy Conference, Missoula, Montana (May 2009, expenses reimbursed by Western Governors' Assocation Forest Health Advisory Committee).
Associated Logging Contractors annual convention, Orofino, Idaho (April 2009).
Energy Policy Institute Summit. Center for Advanced Energy Studies, Boise State University, Boise, Idaho (March 2009, expenses reimbursed).
Carbon Credit Trading: Understanding It, Owning It, Trading It. Idaho Soil Conservation Commission, Orofino, Idaho (March 2009).
Forest Bioenergy Policy Dialogue. The H. John Heinz III Center for Science, Economics, and the Environment, and The Pinchot Institute for Conservation, Washington, DC (February 2009, expenses reimbursed).
Idaho Panhandle Renewable Energy Enterprise Zone Forum, Priest River, Idaho (January 2009).
Big Sky Carbon Sequestration Partnership annual meeting, Spokane, Washington (October 2008).
Clearwater-Palouse Renewable Energy Working Group quarterly meeting, Lewiston, Idaho (October 2008, April 2008, October 2007, April 2007); Walla Walla, Washington (July 2008).
2nd Idaho Wildland Fire Conference, Boise, Idaho (October 2008).
Carbon Management in Idaho. Center for Advanced Energy Studies workshop, Boise, Idaho (August 2008, expenses reimbursed).
Biomass Energy Development and Carbon Trading. Clearwater County Economic Development meeting, Orofino, Idaho (July 2008).
Ecosystem Markets: Taking Action (conference). Portland, Oregon (May 2008).
Wildland Fire Policy. Snake River Chapter meeting, Society of American Foresters, Boise, Idaho (April 2008).
Fuels modeling workshop, University of Idaho, Moscow, Idaho (April 2008).
Inland Empire Society of American Foresters annual meeting, Moscow, Idaho (March 2008); Lewiston, Idaho (April 2005); Missoula, Montana (March 2003); Coeur d'Alene, Idaho (February 2001, March 2000); Post Falls, Idaho (March 1997, 1994, 1993); Moscow, Idaho (March 1996, 1995); Spokane, Washington (February 1992, March 1990) [12 meetings].
North Idaho Airshed Unit annual meeting, Couer d'Alene, Idaho (February 2008).
Inland Empire Society of American Foresters Leadership Retreat, Priest River Experimental Forest, Priest River, Idaho (January 2008).
Risk Roundtable, Joint Fire Sciences Program, San Diego, California (December 2007).
Ecosystem Services Markets, Vancouver, WA (January 2007).
Idaho Environmental Summit, Boise, Idaho (December 2006).

Other Professional Development Activities (cont.)**:**

Policy Sciences Annual Institute, Society of Policy Scientists, Yale University Law School, New Haven, Connecticut (October 2006, October 2001) [2 meetings].
Advances in threat assessment and their application to forest and rangeland management. U.S. Dept. of Agriculture – Forest Service conference, Boulder, Colorado (July 2006).
Making the priceless valuable: jumpstarting environmental markets. Katoomba Group conference, Portland, Oregon (June 2006).
Roundtable on Sustainable Forestry conference and meeting, Washington, DC (December 2005).
Practical Paths to Salmon Recovery II, Northwest Power and Conservation Council conference, Boise, Idaho (October 2005).
Troubled Water: Exploring Solutions for the Western Water Crisis conference. Andrus Center for Public Policy, Boise State University, Boise, Idaho (April 2005).
Sustainable Forestry regional roundtable conference and workshop, Phoenix, Arizona (February 2004).
Healthy Landscapes, Thriving Communities: Bioenergy and Wood Products Conference, Denver, Colorado (January 2004).
Clearwater Elk Collaborative meetings, Lewiston, Idaho (November, December 2003).
Risk Assessment for Decision-Making Related to Uncharacteristic Wildfire conference. Portland, Oregon (November 2003).
Endangered Species Act at 30: Lessons and Prospects conference. Santa Barbara, California (November 2003).
Endangered Species Act: Regulatory and Incentive-Based Approaches in the West. 27th Annual Public Land Law Conference, School of Law, University of Montana, Missoula (October 2003).
Environmental Day, Leadership Coeur d'Alene, Idaho (September 2003).
Woods Tour, Idaho Forest Land Valuation Ad Hoc Committee, Coeur d'Alene, Idaho (September 2003)
Governance of Public Lands – Montana Summit 2003, University of Montana, Big Fork, Montana (August 2003).
Clearwater Education Foundation Forestry Tour, Orofino, Idaho (June 2003, October 2002).
Clearwater Elk Summit conference, Lewiston, Idaho (January 2003).
North Central Idaho Resource Advisory Committee meeting, Moscow, Idaho (October 2002).
Collaboration and decision-making on the national forests: can it work? Conference, School of Forestry, University of Montana, Missoula (January 2001).
Current Issues Conference, Idaho Environmental Forum, Boise, Idaho (January 2001, 1999) [2 meetings].
Western Forestry Conference, Western Forest and Conservation Association, Coeur d'Alene, Idaho (December 2000).
Montana Society of American Foresters annual meeting, Missoula, Montana (September 2000), Whitefish, Montana (March 1995) [2 meetings].
Sustainable Forestry Initiative Performance Review, field trip participant, L-P Corp., Northwest Region, Hayden Lake, Idaho (2000).
International Symposium on Society & Resource Management, Bellingham, Washington (June 2000).
Policy after politics: how should the next administration approach public land management in the western states? Andrus Center for Public Policy Conference, Boise State University, Boise, Idaho (June 2000).
Rangeland policy symposium. Society for Range Management annual meeting, Boise, Idaho (February 2000).
Conference of Western Attorneys General annual meeting, Juneau, Alaska (August 1999).
Natural Resources Law for Foresters. Northwest Forestry Association, Eugene, Oregon (May 1999).
The Future of Our Federal Lands: A Symposium on Federal Land Policy. Andrus Center for Public Policy, Boise, Idaho (February 1999, 1998) [2 symposia].
Federal Forestry Issues Panel Discussion. Intermountain Forest Industry Association, Coeur d'Alene, Idaho (December 1998).
Northwest Forestry Association annual meeting, Stevenson, Washington (April 1998).
Forests of Okanogan County: A Citizen's Forum on Roadless Issues (A Washington Forest Congress Roundtable Event), Omak, Washington (April 1998).
Intermountain Forest Industry Association annual meeting, Coeur d'Alene, Idaho (December 1997, 1995, 1991). [3 meetings].
Clearwater National Forest Landslide Study Symposium, Moscow, Idaho (November 1997).

Other Professional Development Activities (cont.)**:**

Idaho Forest Congress Workshop on the Upper Columbia River Basin Draft Environmental Impact Statement, Moscow, Idaho (September 1997).
Environmental Conflict Resolution in the West Conference, Udall Center for Studies in Public Policy, University of Arizona, Tucson, Arizona (April 1997).
Collaborative Learning and the Management of Natural Resource Disputes. Workshops for Clearwater, Nez Perce, and Idaho Panhandle National Forests, Spokane, Washington (August 1996) and Clarkston, Washington (April 1996) [2 workshops].
Timber Harvesting and Ecosystem Management—The New Environment. Forest Products Society, Society of American Foresters, and Montana Logging Association conference, Kalispell, Montana (May 1996).
Seventh American Forest Congress, Washington, DC (February 1996).
Idaho Roundtable for the Seventh American Forest Congress, Moscow, Idaho (August 1995).
The Endangered Species Act: Reauthorization or Extinction? American Bar Association Continuing Legal Education Conference, Portland, Oregon (June 1995).
The Endangered Species Act. Law Seminars International Continuing Legal Education Conference, Seattle, Washington (January 1995).
Forest Health and Fire Danger in Inland Western Forests Conference. American Forests, Spokane, Washington (September 1994).
Building Partnerships for Ecosystem Management on Forest and Range Lands in Mixed Ownership, Northern Rockies Workshop. American Forests, Missoula, Montana (July 1994).
Ecosystem Management in Western Interior Forests Symposium. Washington State University and USDA Forest Service, Spokane, Washington (May 1994).
Forest Health in the Inland West Workshop. American Forests, Sun Valley, Idaho (November 1993).
Conflict Resolution Workshop. Martin Institute for Peace Studies and Conflict Resolution, University of Idaho, Moscow (November 1993).
Scientific Roundtable on Socio-Economic Issues in Biodiversity and Ecosystem Management, Chequamegon and Nicolet National Forests, Cable, Wisconsin (June 1993)
Forest Health in the Inland West Symposium. Department of Forest Resources, University of Idaho and USDA Forest Service, Boise, Idaho (June 1993).
The Endangered Species Act: Continuing Legal Education Seminar. CLE International, Boise, Idaho (May 1993).
Landscape Management Systems: How Can We Integrate Technology and Policy? University of Washington, College of Forest Resources Workshop, Olympia, Washington (April 1993).
Conflict Resolution Training Workshop: Environment and Natural Resources Track. College of Law, University of Idaho, Moscow (March 1993).
Dealing with Controversial Public Land and Resource Issues. Department of Agricultural Economics and Rural Sociology Faculty Development Workshop, University of Idaho, Moscow (March 1993).
The Endangered Species Act: On the Road to Recovery? Idaho Water Resources Research Institute Symposium, Coeur d'Alene, Idaho (November 1992).
Seeking Common Ground: A Forum on Pacific Northwest Natural Resources. Western Forestry and Conservation Association, Portland, Oregon (February 1992).
Northwest Natural Resources: Public Policy at the Crossroads, Symposium. Spokane Chamber of Commerce, Spokane, Washington (November 1991).
New Perspectives in Forestry Workshop. University of Idaho College of Forestry, Wildlife and Range Sciences, and USDA Forest Service, Moscow, Idaho (November 1990).
Washington Society of American Foresters annual meeting, Port Townsend, Washington (May 1990).
Social Science in Resource Management Symposium, College Station, Texas (May 1990).
Southern Forest Economics Workers (SOFEW) Workshop meeting, San Antonio, Texas (March 1989), Orlando, Florida (May 1988), Asheville, NC (April 1987), New Orleans, Louisiana (April 1986), Athens, Georgia (March 1985), Mobile, Alabama (April 1983), Charleston, South Carolina (April 1982), Mountain View, Arkansas (March 1981) [8 workshops].
International Trade Development Center Workshop, University of Washington, Seattle (January 1989).
Southern Economic Association annual meeting, San Antonio, Texas (November 1988), New Orleans, Louisiana (November 1981) [2 meetings].
Texas Forestry Association annual meeting, (Fall, 1981-88, 1990) [9 meetings].

Other Professional Development Activities (cont.)**:**

Texas Society of American Foresters annual meeting, (Fall, 1981-88) [8 meetings].
Legal Seminar. Consulting Foresters of Texas, Nacogdoches, Texas (April 1988).
Texas Agricultural Experiment Station Staff Conference annual meeting. Texas A&M University, College Station (January 1982-88) [7 meetings].
Management of Existing Hardwood Stands: A Continuing Education Course. Mississippi State University, Department of Forest Resources, Starkville, Mississippi (June 1987).
Working in a Cross-cultural Environment. U.S. Agency for International Development Title XII Strengthening Grant Program. Texas A&M University, College Station, Texas (one week training, March 1987), and Honduras, C.A. (2 week field trip, May 1987) [2 activities].
Midwest Forest Economists meeting, Asheville, North Carolina (April 1987), Duluth, Minnesota (August 1982), Madison, Wisconsin (August 1979).
Systems Approaches in Education. College of Agriculture faculty workshop, Texas A&M University, College Station (January 1987).
Recent Technology Developments and Economic Restraints on Forestry: A Regional Perspective. Society of American Foresters Regional Technology Conference, Nacogdoches, Texas (September 1986).
Teaching Methods Workshops. Center for Excellence in Teaching, Texas A&M University, College Station (1981-86) [5 workshops].
Southern Forestry Symposium. National Association of Professional Forestry Schools and Colleges Southern Region, Atlanta, Georgia (November 1985).
Your Timberland Investment—Past, Present and Future. 44th Annual Southern Forestry Conference, Forest Farmers Association, New Orleans, Louisiana (May 1985).
Low-cost Management Alternatives for Nonindustrial Private Forestlands in the South: A Workshop for Southern Forestry School Professors. USDA Forest Service, Crossett, Arkansas (June 1984).
Agricultural Modelling and Management Applications Symposium. Texas Agricultural Experiment Station, Texas A&M University, College Station (May 1984).
Forest Products Research Society annual meeting, Norfolk, Virginia (June 1983).
Timber Demand Symposium. Forest Products Research Society, New Orleans, Louisiana (September 1980).
River Recreation Research and Management Symposium. USDA Forest Service, Minneapolis, Minnesota (1977).