

Steven E. Daniels

Biography

Steve Daniels is a Community Development Specialist in University Extension and Professor in the Department of Sociology, Social Work, and Anthropology and in the Department of Environment and Society. Previously, he was the Director of the Western Rural Development Center at Utah State University (1999-2004), on the faculty at Oregon State University as a professor of forest policy and economics (1989-1999) and on the faculty of Utah State University (1986-1988).

Much of Dr. Daniels professional interests focus on community linkages to natural resources and in collaborative processes in natural resource management. He has been involved in a number of community-level collaborations, primarily in the Pacific Northwest. With Dr. Gregg Walker of OSU, he is a co-author of “Working Through Environmental Conflict: The Collaborative Learning Approach.”

In addition to the Collaborative Learning book, Dr. Daniels has published more than 80 scientific papers, book chapters, and reports. Many of these report experiences or methods developed through Collaborative Learning projects on behalf of agencies or communities. Working with various federal natural resource management agencies has been Dr. Daniels’ major area of practice. As a result of this broad base of experience, Dr. Daniels has taught in courses for several agencies, NGOs, and at 19 universities in the USA and abroad.

Steven E. Daniels

25 September 2012

WORK

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HOME

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PERSONAL INFORMATION

Date of Birth: 19 August 1959
Place of Birth: St. George, Utah
Marital Status: Married, two children
Terminal Degree: Ph.D., 1986, Duke University

CURRENT POSITION

2004-Present: Community Resource and Economic Development Specialist, University Extension, and tenured Professor in the Department of Sociology, Social Work and Anthropology and the Department of Environment and Society. Responsible for providing leadership to the Extension program's CRED activities, and teaching and research in community development and natural resource conflict management.

PROFESSIONAL EXPERIENCE

2008, 2012; Visiting Faculty, University of Copenhagen, Faculty of Life Sciences. Responsible for development and delivery of an advanced graduate course in environmental conflict management as part of the Sustainable Forest and Nature Management graduate program.

2001-2004: Director, Western Rural Development Center and tenured Professor in the Department of Sociology, Social Work and Anthropology and the Department of Environment and Society. Responsible for the administration and supervision of a federally funded center enhancing the ability of universities in 13 western states to assist rural communities.

1999-2001: Director, Western Rural Development Center and tenured Associate Professor in the

Professional Resume—Steven E. Daniels

Department of Sociology, Social Work and Anthropology and the Department of Forest Resources.

1993-1999: Associate Professor (with tenure) -Oregon State University.

Responsible for one undergraduate and one graduate course in forest policy, and undergraduate natural resources decision-making course, and one continuing higher education course (a two-week training module for mid-career professionals).

1989-93: Assistant Professor -Oregon State University.

Responsible for one undergraduate course in forest economics, one undergraduate and one graduate course in forest policy, and one continuing higher education course (a two-week training module for the USDA Forest Service).

1986-88: Assistant Professor -Utah State University.

Responsible for two courses in natural resource policy, one graduate and one undergraduate recreation economics course, one graduate and one undergraduate forest economics course.

1985-86: Lecturer - School of Forestry and Environmental Studies, Duke University.

Taught a graduate course on natural resource economics, and a seminar on resource economics and policy.

1984-85: Teaching Assistant - Natural Resource Economics; School of Forestry and Environmental Studies, Duke University.

1983-84: Tutor - Introductory Microeconomics (to foreign students); School of Forestry and Environmental Studies, Duke University.

1982-85: Research Assistant - Forest Economics; School of Forestry and Environmental Studies, Duke University.

PUBLICATIONS

Books

Daniels, S.E. and G.B. Walker. 2001. *Working through environmental conflict: The Collaborative Learning Approach*. Westport CT: Praeger Publishers.

Peer-reviewed articles and chapters

Walker, G.B. and S.E. Daniels (In Press.) The nature and role of agency leadership in building and sustaining collaboration in natural resource management. Peer reviewed chapter appearing

in a forthcoming edited volume on conservation leadership, published by the Duke Environmental Leadership Program.

Daniels, S.E., G. B. Walker, and J. Emborg. (In press.) The Unifying Negotiation Framework: A Model of Policy Discourse. *Conflict Resolution Quarterly* (expected in Vol 30(1)).

Emborg, J., G. Walker, and S. Daniels. (In press.) Forest landscape restoration decision-making and conflict management: Applying discourse-based approaches. In *Forest Landscape Restoration*, J.A. Standturf and P. Madsen eds. Springer Science.

Daniels, S.E. and G. B. Walker 2012. Lessons from the trenches: Twenty years of applying systems thinking to environmental conflict. *Systems Research and Human Behavior* 29(2):104-115.

Daniels, S.E., Emborg, J., Walker, G.B. 2012. Seeing the forest for the trees: Managing social conflict and forest restoration. *Tree and Forestry Science and Biotechnology* (special issue on forest restoration.) 6:1-6

Daniels, S.E., Kilgore, M.A., Jacobsen, M.G., Greene, J.L, and Straka, T.J. 2010. Examining the compatibility between forestry incentive programs in the US and the practice of sustainable forest management. *Forests* 1(1), 49-64; doi:10.3390/f1010049. <http://www.mdpi.com/1999-4907/1/1/49/>

Kilgore, M.A., S.E. Daniels, M.G. Jacobson, J.L. Greene, and T.J. Straka. 2009. Financial incentive programs for non-industrial private forest owners web site. *Journal of Extension* [On-line], 47(4): Article No. 4TOT4.

Jacobson, M.G., T.J. Straka, J.L. Greene, M.A. Kilgore, and S.E. Daniels. 2009. Financial incentive programs' influence in promoting sustainable forestry in the Northern Region. *Northern Journal of Applied Forestry* 26(2):61-67.

Jacobson, M.G., J.L. Greene, T.J. Straka, S.E. Daniels, and M.A. Kilgore. 2009. Influence and effectiveness of financial incentive programs in promoting sustainable forestry in the South. *Southern Journal of Applied Forestry* 33(1):35-41.

Daniels.S.E. 2009. Exploring the feasibility of mediated final offer arbitration as a technique for managing “gridlocked” environmental conflict. *Society and Natural Resource* 22:261-277.

Walker, G.B, S.E. Daniels, and J. Emborg. 2009. Tackling the tangle of environmental conflict: complexity, controversy, and collaborative learning. *E:CO*(10)4:.

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- Singletary, L., S. Smutko, G. Hill, M. Smith, S. Daniels, J. Ayres, and K. Haaland. 2008. Skills needed to help communities manage natural resource conflicts. *Conflict Resolution Quarterly* 23(3):303-320.
- Straka, T.J., M.A. Kilgore, M.G. Jacobson, J.L. Greene, and S.E. Daniels. 2007. Influence of financial incentive programs in sustaining wildlife values. *Human Dimensions of Wildlife* 12(3):197-199.
- Kilgore, M.A., J. L. Greene, M.G. Jacobson, T. J. Straka, and S.E. Daniels. 2007. The influence of financial incentive programs in promoting sustainable forestry on the nation's family forests. *Journal of Forestry* 105(4):184-191.
- Singletary, Loretta, M. Smith, G. Hill, S. Daniels, S. Smutko, J. Ayres, and K. Haaland. 2007. Strengthening Extension's capacity to conduct Public Issues Education programs: Results of a national needs assessment. *Journal of Extension* 45(3)
<http://www.joe.org/joe/2007june/a1.php>.
- Daniels, S., M. Whitesides, and J. Gale. 2006. How are small businesses in rural areas faring? Comparing Utah to the nation. Utah State University Extension Bulletin. 6 p.
- Walker, G. B, S.L. Senecah, and S.E. Daniels 2006. From the forest to the river: Citizens' views of stakeholder engagement. *Human Ecology Review*, 13(2):193-202.
- Cheng A.S. and S.E. Daniels. 2005. Getting to 'We': examining the relationship between geographic scale and ingroup emergence in collaborative watershed planning. *Human Ecology Review*, 12(1):30-43.
- Kumagai, Y., S.E. Daniels, M.S. Carroll and J.C. Bliss. 2004. Social-psychological reactions to wildfire: Implications for agency-community interactions and communication strategies. *Western Journal of Applied Forestry*. 19(3):184-194
- Kumagai, Y. J. C. Bliss, S. E. Daniels and M. S. Carroll. 2004. Real-time research on causal attribution of wildfire: An exploratory multiple methods approach. *Society and Natural Resources* 17:113-127
- Walker, G.B. and S.E. Daniels. 2004. Dialogue and deliberation in environmental conflict: enacting civic science. *The Environmental Communication Yearbook, Vol. 1*.
- Cheng, A.S. and S.E. Daniels. 2003. Examining the interaction between geographic scale and ways of knowing in ecosystem management: a case study of place-based collaborative planning. *Forest Science* 49(6):1-14.

- Cheng, A.S., Kruger, L.E., and Daniels, S.E. 2003. "Place" as an integrating concept in natural resource politics: propositions for a social science research agenda. *Society and Natural Resources* 16:87-104.
- Rodriguez-Mendez, S., M. S. Carroll, S. E. Daniels, A. J. Finley and K. A. Blatner. 2003. Smoke on the hill: A comparative study of wildfire and two forest communities. *Western Journal of Applied Forestry* 18(1):60-70.
- Bottom, W.P., K. Gibson, S.E. Daniels, and J.K. Murnighan. 2002. When talk is not cheap: Substantive penance and expressions of intent in rebuilding cooperation. *Organization Science* 13(5):497-513.
- Walker, G. B. and S.E. Daniels. 2001. Natural resource policy and the paradox of public involvement: Bringing scientists and citizens together. *Journal of Sustainable Forestry* 13(1/2):253-269.
- Daniels, S.E. 2001. Patterns of collaboration in public land issues. *Journal of Land, Resources, & Environmental Law* 21(2B):549-551.
- Blatner, K,A, M.S Carroll, S.E. Daniels and G. B. Walker. 2001. An evaluation of the application of collaborative learning to the Wenatchee fire recovery planning effort. *Environmental Impact Assessment Review* 21:241-270.
- Walker, G.B. and S.E. Daniels. 2001. Natural resource policy and the paradox of public involvement: Bringing scientists and citizens together. *J. of Sustainable Forestry* 13(1/2):253-269. Simultaneously published in *Understanding Community-Based Forest Ecosystem Management*, G.J. Gray, M.J. Enzer, and J. Kusel eds. Food Products Press, an imprint of The Haworth Press. Inc.
- Daniels, S.E., C.L. Gobeli, and A.J. Findley. 2000. Reemployment programs for dislocated workers: Lessons from Oregon. *Society and Natural Resources* 13:135-150.
- Carroll, M.S., S.E. Daniels, and J. Kusel. 2000. Employment and displacement among Northwestern forest products workers. *Society and Natural Resources* 13:151-156.
- Vira, Bhaskar, O. Dubois., S. E. Daniels, and G.B. Walker. 1998. Institutional pluralism in forestry: considerations of analytical and operational tools. *Unasylva* 49(3): 35-42.
- Lawrence , R. L., S. E. Daniels, and G.H. Stankey. 1997. Procedural justice and public involvement in natural resource decision making. *Society and Natural Resources* 10:577-589.

- Oblander, P. and S. E. Daniels. 1997. Intercultural communication and the U.S.-Japan lumber: An exploratory study. *Forest Products Journal* 47(3):38-44.
- Daniels, S.E., G.B. Walker, M.S. Carroll, and K. Blatner. 1996. Collaborative Learning and fire recovery planning. *Journal of Forestry* 94(8):4-9.
- Daniels, S.E. and G.B. Walker. 1996. Collaborative learning: improving public deliberation in ecosystem-based management. *Environmental Impact Assessment Review* 16:71-102.
- Daniels, S.E., R.L. Lawrence and R.J. Alig. 1996. Decision making and ecosystem management: Applying the Vroom-Yetton model to public participation strategy. *Environmental Impact Assessment Review* 16:13-30.
- Walker, G.B. and S.E. Daniels. 1996. The Clinton administration, the Northwest Forest Conference, and conflict management: when talk and structure collide. *Society and Natural Resources* 9:77-91.
- Baker, F. A., S.E. Daniels, and C.A. Parks. 1996. Inoculating trees with wood decay fungi with rifle and shotgun. *Western Journal of Applied Forestry* 11(1):13-15.
- Daniels, S.E. and G.B. Walker. 1995. Resolving local disputes amidst a national controversy: An exploratory analysis. *International Journal of Conflict Management* 6:290-311.
- Walker, G.B. and S.E. Daniels. 1995. Argument and alternative dispute resolution systems. *Argumentation: An International Journal on Reasoning*, 9:693-704.
- Daniels, S.E. and A.S. Cheng. 1995. Looking back one rotation in forest policy: lessons from 1940's Journal of Forestry articles. *Journal of Forestry*.
- Carroll, M.S., F. J. Alt, A.M. Brandenburg, W. Schlosser, and S.E. Daniels. 1993. Tournament-style debate as a natural resources education technique. *J. of Natural Res. and Life Sci. Educ.* 22(2):158-162.
- Daniels, S.E., G.B. Walker, J.R. Boeder, and J.E. Means. 1993. Managing ecosystems and social conflict. In R. Everett and J. Tripp, (Eds.), *Ecosystem Management: Principles and Applications*, Vol. II (pp. 347-359). USDA-Forest Service Pacific Northwest Forest and Range Experiment Station General Technical Report
- Daniels, S.E. and M. Reed. 1992. Enhancing forestry education through writing, *Journal of Forestry* 90(3):27-32.

Professional Resume—Steven E. Daniels

- Daniels, S.E., and K. Merrill. 1992. The committee of scientists: A forgotten link in national forest planning history, *Forest and Conservation History* 36(3):108-116.
- Daniels, S.E, R. Johnson and D. C. Markstrom. 1991. Demand and value of personal use Christmas tree cutting in Utah, *Western J. of Applied Forestry* 6(2):42-46.
- Daniels, S.E., W.F. Hyde and D.N. Wear. 1991. Community stability: Distributive impacts of attempts to maintain the integrity of resource-based communities, *Forest Science* 37(1):245-260 .
- Daniels, S.E. 1990. Private management of public recreation: Does it improve efficiency, in Outdoor Recreation Policy: Pleasure and Preservation, J.D. Hutcheson, F. P. Noe, and R.E. Snow, eds. Greenwood Press/Policy Studies Organization p. 105-112.
- Daniels, S.E. and C.M. Kelly. 1990. Deciding between an EA and an EIS may be a question of mitigation, *Western J. of Applied Forestry*, 5(4):111-116 .
- Wear, D.N., W.F. Hyde, and S.E. Daniels. 1989. Even flow timber harvests and community stability, *Journal of Forestry* 87(9):24-30.
- Daniels, S.E. and R.A. Riggs.1988. Improving economic analysis of habitat management, *Wildlife Society Bulletin*, 16(4):452-457.
- Daniels, S.E. 1987. Rethinking dominant-use management in the post-planning era, *Environmental Law*, 17(3):483-505.
- Daniels, S.E. 1987. Marginal cost pricing and efficient provision of public recreation, *Journal of Leisure Research*, 19(1):22-34.

Non-reviewed articles, book chapters, proceedings and reports

- Greene, J.L., T.J. Straka, S.E. Daniels, M.G. Jacobson, and M.A. Kilgore. 2009. Influence and effectiveness of financial incentives programs in promoting sustainable forestry in the South. In Proceedings Southern Forest Economics Workers Annual Meeting (Savannah, Ga.; March 9-11, 2008). Athens, GA: Warnell School of Forestry and Natural Resources, University of Georgia, Center for Forest Business, p. 137-147.
- Straka, T., J. Greene, S. Daniels, M. Jacobson, and M. Kilgore. 2007. Forestry incentives: which do you find more effective? *Forest Products Equipment: Journal of the Forest Products Industry* 15(5):25, 26, 28, 29.

- Straka, T.J., J.L. Greene, S.E. Daniels, M.G. Jacobson, and M.A. Kilgore. 2006. Website lists incentive programs available to non-industrial private owners. *South Carolina Forestry Journal* 2006(9):7.
- Greene, J.L., S.E. Daniels, M.G. Jacobson, M.A. Kilgore, and T.J. Straka. 2006. Website describes public and private financial incentive programs available to non-industrial forest owners. (Abstr.) In Proceedings of 60th International Convention Forest Products Society (Newport Beach, Calif.; June 25-28, 2006), p. 36.
- Straka, T.J., J.L. Greene, S.E. Daniels, M.A. Kilgore, and M.G. Jacobson. 2006. National survey reveals forest owners prefer technical assistance over financial incentives. *South Carolina Forestry Journal* 2006(4):1, 5.
- Straka, T.J., J.L. Greene, S.E. Daniels, M.G. Jacobson, and M.A. Kilgore. 2006. Forestry incentive programs: Sources for forestry incentive programs. *Forest Landowner* 65(6):15-16.
- Cheng, A. S, M. Fernandez-Gimenez, H. Ballard, S. Broussard, C. Danks, S.E. Daniels, M. McDermott, A. Seidl, and V. Sturtevant. 2006. Ford Foundation Community Based Forestry Demonstration Program Research Component. Final project report.
- Greene, J.L., M.A. Kilgore, M.G. Jacobson, S.E. Daniels, and T.J. Straka. 2006. Existing and potential incentives for practicing sustainable forestry on non-industrial private forest lands. In Proceedings Southern Forest Economics Workshop (Knoxville, Tenn.; March 23-24, 2006), Southern Forest Economics Workers, p. 174-187.
- Walker, Gregg B., S.E. Daniels, E., & A.S. Cheng. 2006. Facilitating dialogue and deliberation in environmental conflict: the use of groups in collaborative learning. In L. Frey (Ed.), *Facilitating Group Communication: Innovations and Applications with Natural Groups*. Cresskill, NJ: Hampton Press.
- Daniels, S., S. Burr, J. Gale, B. Godfrey, J. Keith, R. Krannich, and D. Reiter. 2006. *Review of the Socioeconomic Analysis in the Draft Environmental Impact Statement prepared by the USDI-Bureau of Land Management Richfield Office*. 42 p.
- Kilgore, M.A., J.L. Greene, M.G. Jacobson, S.E. Daniels, and T.J. Straka. 2006. Web site lists public and private financial incentive programs for non-industrial private landowners. *Forest Resource Association Technical Paper* 06-R-28. 2 p.
- Daniels, S. E., J. Greene, M. Kilgore, M. Jacobson, and T. Straka. 2006. How effective are forestry incentives? *Southern Logging Times*. 31(11):28-31.

- T. Straka, M. Kilgore, M. Jacobsen, J. Greene, and S. Daniels. 2006. Online forestry incentive programs. *Forest Products Equipment: Journal of the Forest Products Industry* (December):16-19.
- Straka, T., J. Greene, S. Daniels, M. Jacobson, and M. Kilgore. 2006. Sources for forestry incentive programs. *Forest Landowner* (65)6:15-16.
- Greene, J.L. M. A. Kilgore, M. G. Jacobson, S.E. Daniels, and T. J. Straka. 2006. Existing and potential incentives for practicing sustainable forestry on nonindustrial private forest lands. Proceedings of the Southern Forest Economics Workers Association annual meeting.
- Jacobson, M.G., T.J. Straka, J.L. Greene, M.A. Kilgore, and S.E. Daniels. 2006. Financial incentives for practicing sustainable forestry on private forest lands. In CD-ROM Proceedings 2006 Society of American Foresters National Convention (Pittsburg, Penn.; Oct. 25-29, 2006), 17 p.
- Straka, T., J. Greene, S. Daniels, M. Jacobson, and M. Kilgore. 2006. National survey reveals forest owners prefer technical assistance over financial incentives. *South Carolina Forestry* (April):1-2.
- Straka, T., J. Greene, S. Daniels, M. Kilgore, and M. Jacobson. 2006. Website lists incentive programs available to non-industrial forest owners. *South Carolina Forestry* (September):7-8
- Carroll, M.S. and S.E. Daniels. 2005. Fire in Our Midst: A Look at Social Science Research Issues at the Community Level. In: Proceedings of Fire Researchers' Workshop. University of Arizona, Tucson, AZ
- Walker, Gregg B. & Daniels, Steven E. (2005). Assessing the promise and potential for collaboration: The Progress Triangle framework. In G. B. Walker & W. J. Kinsella (Eds.), *Finding our Way(s) in Environmental Communication: Proceedings of the Seventh Biennial Conference on Communication and the Environment* (pp. 188-201). Corvallis, OR: Oregon State University Department of Speech Communication.
- Daniels, S. E. and A.S. Cheng. 2004. Collaborative Resource Management: Discourse-based Approaches and the Evolution of TechnoReg. In *Society and Natural Resources: A Summary of Knowledge*. Michael J. Manfredo, Jerry J. Vaske, Donald R. Field, Perry J. Brown, Brett L. Bruyere, eds. Modern Litho: Jefferson City, MO. p. 127-136.
- Daniels, S.E. and J. Brehm. 2003. Fir, Fin, and Feathers. In *Challenges for Rural America in the Twenty First Century*, D. L. Brown and L. E. Swanson (eds.). Pennsylvania State University Press/Rural Studies Series. 329-342.

- Daniels, S.E. 2003. Fiscal Crisis in State Governments: A Focus on Thirteen Western States. WRDC Policy Brief #1 July. 20 p.
- Daniels, S.E. 2003. Fiscal Crisis in State Governments: Are Taxes in Western States “Wobbly”? WRDC Public Policy Information Brief #2. 6p.
- Carroll, M.S. and S.E. Daniels. 2001. A Research Agenda for Institutional Issues in Fuel Treatment Programs. Proceedings of the National Conference on The Social Acceptability of Fuel Treatments on Western Public Lands. Missoula, MT.
- Carroll, M.S., A.J. Findley, K.A. Blatner, S. Rodriguez-Mendez, S.E. Daniels, and G.B. Walker. 2000. *Social Assessment for the Wenatchee National Forest Wildfires of 1994: Targeted Analysis for the Leavenworth, Entiat, and Chelan Ranger Districts*. USDA-Forest Service Pacific Northwest Experiment Station General Technical Report PNW-GTR-479.
- Walker, G.B. and S.E. Daniels. 1997. Foundations of natural resource conflict. In Solberg, B. and S. Miina, eds., *Conflict Management and Public Participation in Land Management*. EFI Proceedings #14, European Forest Institute, Joensuu, Finland. p. 13-36.
- Daniels, S.E. and G.B. Walker. 1997. Collaborative Learning and land management conflict. In Solberg, B. and S. Miina, eds., *Conflict Management and Public Participation in Land Management*. EFI Proceedings #14, European Forest Institute, Joensuu, Finland. p. 37-60.
- Lawrence, R.L., and S.E. Daniels. 1996. *Public Involvement in Natural Resource Decision Making: Goals, Methodology, and Evaluation*. Papers in Forest Policy #3, Forest Research Laboratory, Oregon State University. 49 pp.
- Blatner, K.A., M. Carroll, S.E. Daniels, and K. Knowles-Yanez. 1996. Socioeconomic issues pertaining to forest health. In *Search for a Solution*, R.G. Jaindl and T.M. Quigley, eds. American Forests: Washington, D.C. p.11-37.
- Riggs, R. A., S.C. Bunting and S.E. Daniels. 1996. Prescribed Fire. In Krausman, P.R. ed., *Rangeland Wildlife*, The Society for Range Management, Denver, CO. p. 295-320.
- Daniels, S.E. and Walker, G.B. 1995. Searching for effective natural resource policy: The special challenges of ecosystem management. Symposium Proceedings of Ecosystem Management in the Western Interior Forests, held May 3-4, 1994 in Spokane WA.
- Daniels, S.E. and M.S. Carroll. 1995. Changes and Challenges: Understanding Social Forces and Resource Management. In Proceedings of The Society of American Foresters 1994 Annual

- National Convention. Washington D.C. Society of American Foresters. 6 pp.
- Carroll, M.S. and S.E. Daniels. 1995. Rural Community Dynamics and River Protection: Challenges for Federal and State Resource Planners. In W.E. Hendrix (ed). Proceedings of the 1994 Annual Meeting of The American Society of Landscape Architects. Pullman, WA. 33-42.
- Carroll, M.S. and S.E. Daniels. 1995. Setting the Context: Forest Communities and Historical Change. In M. Hibbard et. al. *Frameworks for Sustainable Forests and Communities: American Community Responses to the Globalization of the Timber Industry*. Report published by The International Northern Forests Organization and the Institute for Public Policy and Management, University of Washington, Seattle, WA. 3-28.
- Daniels, S.E. and Walker, G.B. 1995. Searching for effective natural resource policy: The special challenges of ecosystem management. In *Ecosystem Management of Natural Resources in the Intermountain West*, F.H. Wagner, Ed. Natural Resources and Environmental Issues, Vol. 5. College of Natural Resources, Utah State University, Logan, UT.
- Daniels, S.E. and M.S. Carroll. 1995. Changes and Challenges: Understanding Social Forces and Resource Management. In Proceedings of The Society of American Foresters 1994 Annual National Convention. Washington D.C. Society of American Foresters. 6pp.
- Krannich, R.S., M.S. Carroll, S.E. Daniels and G.B. Walker. 1994. Incorporating social assessment and public involvement processes into ecosystem-based resource management: Applications to the Eastside Ecosystem Management Project. Report to the USDA Forest Service Eastside Ecosystem Management Project.
- Forest Ecosystem Management Assessment Team. 1993. Social Assessment of the Options. Chapter VII of *Forest Ecosystem Management: An Ecological, Economic and Social Assessment*. Report of the Forest Ecosystem Management Assessment Team. Washington, D.C. US Government Printing Office (793-071). p.(VII-I)-(VII-129). (S. Daniels is one of 6 primary contributing authors to chapter).
- Walker, G.B. and S.E. Daniels. 1993. Improving debate in soft systems methodology: collaborative argument about change. In *Argument and the Postmodern Challenge*, proceedings of the Eighth SCA/AFA Conference on Argumentation. Annandale, VA: Speech Communication Association. p 206-212.
- Daniels, S.E. 1992. Managing conflict of natural resources: Implications for a timber summit. Briefing paper prepared for the Governor's office in preparation for the President's Timber Conference.

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Daniels, S.E. 1992. Viewing the committee of scientists as an exercise in social learning, *Forest and Conservation History* 36(3):129-131.

Daniels, S.E. 1992. Public participation in natural resource management: theoretical considerations and suggestions for research. Report prepared for the Pacific Northwest Research Station of the USDA Forest Service, under the auspices of the Consortium for the Social Values of Natural Resources.

Daniels, S.E. and C.M. Kelly. 1991. Deciding between an EA and an EIS may be a question of mitigation, *Journal of Forestry*, 89(3):29-36; republication of the 1990 *WJAF* article with the same title (only the second time in recent years that this journal had reprinted an article from another SAF journal).

Daniels, S.E. and R.S. Krannich.. 1990. Conflict in outdoor recreation: The recreation opportunity spectrum as a conflict management tool, in *Social Science and Natural Resource Recreation Management: A Partnership for the Future*, J. Vining, ed., Westview Press p. 165-180.

Daniels, S.E. and H. K. Cordell. 1989. The costs of producing recreation on national forests, *Trends* (quarterly journal of the National Park Service and the National Recreation and Park Association), 26(2):8-11.

Hyde, W.F. and S.E. Daniels. 1988. Balancing market and nonmarket outputs on public lands, in *Environmental Resources and Applied Welfare Economics, Essays in honor of John V. Krutilla*, V.K. Smith, ed. Johns Hopkins University Press.

Daniels, S.E. and B.J. Daniels. 1986. The impact of below-cost timber sales on community stability, *Western Wildlands*, 12(1):26-30.

Daniels, B.J., W.F. Hyde, and S.E. Daniels. 1985. Capital-labor substitution in timber growing on non-industrial private lands in North Carolina. Southeastern Center for Forest Economics Research Working Paper No. 13.

INSTRUCTOR IN TRAINING PROGRAMS

International Association for Society and Natural Resources
Coastal Society
Colorado State University (15)
Danish Forest and Nature Agency
Danish Ministry of the Environment
Lewis and Clark College

Professional Resume—Steven E. Daniels

Natural Resources Leadership Academy/WSU (2)
National Public Policy Educators Conference (2)
North Carolina State University
Ohio State University (The)
Oregon State University (8 different offerings)
Texas A&M University (2)
USDA Forest Service National Advanced Resource Technology Center
USDI Bureau of Land Management's National Training Center (2)
US Institute for Environmental Conflict Resolution
University of Arizona, Extension
University of California-Berkeley
University of Copenhagen
University of Florida
University of Montana
University of Nevada-Reno, Extension
University of Washington (6)
Utah State University (3)
Washington State University (4)
Western Rural Development Center (2)
Western Extension Leadership Development (6)
Yale University

DESIGN AND FACILITATION OF PUBLIC PROCESSES

Bridger-Teton National Forest, Wyoming LMP Revision 2005-present
Wasatch-Cache National Forest, Snowmobile/skier conflict, 2005
Alleghany National Forest, Pennsylvania, LMP Revision 2002-04
Shawnee National Forest LMP Revision, Illinois, 3-day training and evening meeting November 2002
Montrose Colorado/GMUG public workshop, 1 day, December, 2001
Chugach National Forest LMP revision*; Anchorage, Alaska, 2 1-day meetings, 1997, 70 participants
Kupreanof Island Landscape Plan*, Petersburg, Alaska, 1 day meeting, 1997, 40 participants
Lake States Forestry Alliance, Racine, Wisconsin, 3 day meeting, 1997, 40 people
Clear Creek Watershed Analysis*, Buffalo, Wyoming, 1 day meeting, 1996, 60 participants
Cispus Adaptive Management Area*, Washington, 1 day meeting (followed by a series of meetings using the same design, but I did not lead them), 1994, 70 participants
Oregon Dunes National Recreation Area*, 5 1-day meetings, 1993, 190 participants
Wenatchee Fire Recovery Project*, Washington, 6 1-day meetings, 1993-4, 320 participants
Illinois River Interest Group community meeting, Grants Pass, Oregon, 1 2-day meeting, 1992,

120 participants

(* denotes projects that also included a multi-day training session for agency personnel)

EXTENSION TASKFORCES/PROJECTS

National Public Issues Education taskforce (on-going; 2004-present)

Community Development “Foundations of Practice” project (one-time, 2004-5)

Founding Committee, National Association of Community Development Extension Professionals
Chair, NACDEP Member services committee, 2005

Led the development *Community Vitality Initiative*, the largest western multi-state in-service training opportunity for extension professionals interested in community development work in the past decades.

DEVELOPMENT OF EXTENSION-DELIVERED TRAINING CURRICULA

Effective Professional and Interpersonal Communication. A four-module training program to be offered in rural communities to improve personal effectiveness and leadership abilities.

Developed at Utah State University, 2007-08.

SELECTED RECENT COMMUNITY/AGENCY TRAINING SESSIONS

(1997-present)

Top Ten List: Things the Forest Service Does (to Botch Collaborations.) Humboldt-Toiyabe National Forest, Reno NV, 17 November, 2009

Practical Techniques for Enhancing Communication and Creativity in Complex Situations. Natural Resources Leadership Association Training Workshop, Raleigh, NC, 5 November 2009.

Effective Workplace Conflict Management. Western Extension Region Middle Managers training, Blaine, WA, July, 2009

Managing through Crisis and Change. Western Extension Region Middle Managers training, Blaine, WA, July, 2009

Fundamental of Conflict Management, Utah Rural Summit, August 2008.

Effective Professional and Interpersonal Communication. Pilot offering of this training offered in Nephi, Utah, February-April, 2008.

Fundamentals of Conflict Management, Garfield Country Business Development Conference. Ruby’s Inn, UT, March 2008.

Western Extension Leadership Development (Provided one presentation per year in the WELD

Professional Resume—Steven E. Daniels

program since 2003; odd numbered years the topic is Managing Workplace/Interpersonal Conflict and even numbered years the topic is Managing Community Conflict.)

Royal Veterinary University of Denmark and Swedish Agricultural University. Provided Keynote address and several smaller lectures in a one-week Ph.D. course on community conflict and public participation. May, 2005.

Natural Resource Policy and Conflict Management: A Collaborative Learning Approach
Presented at Western CVI Kickoff Workshop, Las Vegas, NV, 5 Feb 2004.

Thinking About Community Issues: The Power of Framing. Presented at Western CVI Kickoff Workshop, Las Vegas, NV, 4 Feb 2004. (with Sheila Knop and Dave Sharpe).

A Strategic Approach to Building Vital Communities:
Understanding Communities as Systems, Presented at Western CVI Kickoff Workshop, Las Vegas, NV, 4 Feb 2004. (with Sheila Knop).

Building Community Capacity: Creating Collaborative Coalitions Presented for University of Arizona Extension faculty, Tucson AZ, 21-22 May 2003 (with Gregg Walker).

Building Community Capacity. In-service training to Utah FCS Extension Faculty, Layton, Utah, 18 February 2003.

A Community Capacity Approach to Community Development. Offered to University of Arizona Extension Personnel as an in-service training. Tucson, AZ August 28, 2002

Systems Thinking, Collaborative Potential, and Environmental Conflict Resolution: An Introduction to the Collaborative Learning Approach. Presented at Environmental Conflict Resolution: the State of the Field and its Contribution to Environmental Decision-Making, sponsored by the U.S. Institute for Environmental Conflict Resolution, Tucson AZ. 14 May 2002.

A Collaborative Learning Approach for Designing Community Conversations. In service training offered to Nevada Extension personnel, March 12-14 2002.

Collaborative Learning: An Introduction to the Theory. Presented at Communities Engaged in Public Land Planning, Montrose, CO. October 4, 2001

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Collaborative Learning: An Approach for Designing Community Discussions. Presented at Community Development Society/National Rural Development Partnership Joint Meeting, 24 July 2001, Duluth MN (with Kelly Haverkampf.)

Collaborative Learning: An Approach for Designing Community Discussions. Presented at International Association for Public Participation, 6 May 2001, Vancouver, B.C. (with Gregg B. Walker.)

Forest Planning, Public Participation, and Decision Making: The Collaborative Learning Approach. Eastern and Southern Regions University, USDA-Forest Service, 27-29 January 2001 Cincinnati, Ohio (with Gregg B. Walker).

So what is this collaboration stuff all about? Professional development workshop, Rocky Mountain Elk Foundation Annual Meeting, 21 February 2001, Albuquerque, NM.

Conflict Management: Negotiating a Common Goal., Advanced Leadership Corvallis, 22 January 1999, Corvallis, Oregon.

Collaborative Stewardship, Planning and Public Participation: The Collaborative Learning Approach. 7-8 December 1998, Colville, Washington (with Gregg B. Walker).

A Collaborative Approach to Waldo Lake Planning: An Introduction to Collaborative Learning. 5 December 1998, Eugene, Oregon (with Gregg B. Walker).

Managing Workplace Conflict: Negotiating a Common Goal. 2 October, 1998, Albany, Oregon.

Facilitating Multi-Party Dialogue: An Introductory Training. 24 July 1998. Sierra Vista, Arizona (with Gregg B. Walker).

Managing Conflicts and Resolving Disputes: Collaboration and the Progress Triangle. 16 September 1998, Corvallis, Oregon.

Collaborative Learning: An Introduction. 1 May 1998, Chatham Area/Tongass National Forest.

Collaboration, Citizen Involvement, and Watersheds: An Introduction to Collaborative Learning. April 6, 1998, Kenai Watershed Forum, Soldotna, Alaska (with Gregg B. Walker).

Conflict Management: Negotiating a Common Goal. 18 March 1998, Advanced Leadership Corvallis, Corvallis, Oregon.

Collaborative Learning, Citizen Involvement, and Forest Policy. 18-20 February 1998, St.

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Germain, Wisconsin (with Gregg B. Walker).

Collaborative Stewardship, Planning, and Public Participation: The Collaborative Learning Approach. 16-17 December 1997. Baker City Oregon (with Gregg B. Walker).

Public Participation, Planning, and the Chugach National Forest. 12-13 November 1997. Anchorage, Alaska (with Gregg B. Walker).

Managing Conflicts and Resolving Disputes: Collaboration and the Progress Triangle. 19 September 1997, Corvallis, Oregon.

Collaborative Learning Workshop. 3-4 September 1997. Siuslaw National Forest, Corvallis, OR (with Gregg B. Walker).

Introduction to Collaborative Learning. 5 August 1997. Chugach National Forest, Anchorage, Alaska (with Gregg B. Walker).

Introduction to Collaborative Learning. 7 May 1997, USDA Forest Service Region 4, Park City, Utah (with Gregg B. Walker).

Conflict Management: Negotiating a Common Goal. 12 March 1997, Advanced Leadership Corvallis, Corvallis, Oregon.

PAPERS PRESENTED

(* denotes invited)

*Unifying Negotiation Framework. Research seminar sponsored by the Research Triangle Conflict Consortium (a joint project of NC State University, Duke University, and UNC-Chapel Hill. 4 November 2009.

*From Conflict to Collaboration: A Discourse-based Approach to Environmental Decisions. The Ohio State University, Columbus, OH, 5 March, 2009.

*A Framework for Designing Discourse-Based Approaches to Natural Resource Decisionmaking. Center for Collaborative Conservation, Warner College of Natural Resources, Colorado State University. Ft Collins, CO 5 February, 2009

Extension and Federal Land Use Planning in Utah. Paper presented and the National Association of Community Development Extension Professionals, Philadelphia, PA. April 2007 (with Jody Gale).

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Collaborative Learning and the importance of civic space: Building sustainable communities and environmental policies. Paper presented at the 3rd International Conference on Environmental, Cultural, Economic and Social Sustainability, January 5, 2007, Chennai, India (with Gregg Walker)

Pluralistic public participation: Case studies in Collaborative Learning. Paper presented at the inaugural World Congress on Communication for Development, co-sponsored by the Food and Agriculture Organization of the United Nations, (FAO), the World Bank, and The Communication Initiative, October, 2006, Rome, Italy. (with Gregg Walker, Susan Senecah, Tarla Rai, Peterson, Antony Cheng, and Jens Emborg).

Applying med-arb to natural resource dispute with entrenched parties. Research paper delivered at the ISSRM Meeting, 6 June, 2006, Vancouver, BC.

Transforming the System from the Ground Up: Lessons from Community-Based Forestry. Participant in a panel session at the ISSRM Meeting, 6 June, 2006, Vancouver, BC.

*Western By Design: Broaching the Taboo of Land Use Planning in the Interior West. Keynote address at Wildland Urban Interface Conference, University of Idaho Extension, 10 November 2005, Coeur d'Alene ID

*Changing Needs of a Changing West: Ruminations of a Conflicted Curmudgeon. Keynote address delivered to Human Dimensions of Natural Resources in Western US 28 October 2005; Park City UT.

* Discourse-based Approaches and the Future of Resource Management in a Participatory Democracy. Invited Seminar at Northern Arizona University, March 2, 2005.

*Collaborative Learning as a Response to the Fundamental Paradox of Environmental Policy Formulation. Invited Seminar in the Utah State University Graduate Student Seminar Series, 24 January 2005.

Working with Communities with Controversial Issues: Extension as Public Issues Educators. Presented at the NACDEP conference, Las Vegas Nevada, February 16, 2005 (with J. Ayres, K. Halland, L. Singletary, and S. Smutko.

Wingspan: A State-based Economic Development Initiative that is Redefining the Role of Utah State University Extension. Presented at the NACDEP conference, Las Vegas Nevada, February 18, 2005.

The Simulation as a Teaching Tool in the Environmental Communication, Conflict Resolution,

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and Decision-Making Course. Paper presented at the annual meeting of the National Communication Association, Chicago, Illinois, 12 November 2004. (with Gregg B. Walker)

*Collaborative Resource Management: Discourse-Based Approaches and the Evolution of Techno-Reg. 10th ISSRM, June 4 , 2004, Keystone, Colorado (with Antony S. Cheng)

*A Collaborative Learning Approach to ‘Fixing’ the Columbia River. Presented as an invited lecture, Department of Geosciences, Oregon State University, Corvallis, Oregon, February 10, 2004 (with G.B. Walker)

*Fire in Our Midst: A Look at Social Science Research Issues at the Community Level. Presented at Fire Researchers Workshop sponsored by Northern Arizona University, USDA- Forest Service, and the Western Rural Development Center. Tucson AZ January 28, 2003.

An Overview of University-Based Environmental Conflict Resolution Programs in the Western United States. Presented at Environmental Conflict Resolution: the State of the Field and its Contribution to Environmental Decision-Making, sponsored by the U.S. Institute for Environmental Conflict Resolution, Tucson AZ. 16 May 2002.

* Systems Approach to Organizational Learning. Presented at Organizational Learning: Adaptive Management for Salmon Conservation, Seattle, WA. 2 December, 2001.

*A Research Agenda for Institutional Issues in Fuel Treatment Programs. Presented at the National Conference on The Social Acceptability of Fuel Treatments on Western Public Lands. Missoula MT. October 22-25 October 2001 (with M.S. Carroll).

*Participatory approaches to fuels and fire management. Presented at Social Acceptability of Fuels Treatments on Western Public Lands, Missoula, MT. October 24, 2000.

*Henry Ford and Consumer Choice: Public Participation in the GS/E National Monument. Presented at the Stegner Center, University of Utah, Salt Lake City, UT, 15 September 2000.

Causal Reasoning of Wildfire. Presented at the 2000 International Symposium on Society and Resource Management, Western Washington University. July 19, 2000. (with Y. Kumagai, and M.S Carroll).

Designing grounded research: The social impacts of wildfire. Presented to: The 1999 International Symposium on Society and Resource Management, University of Queensland, Brisbane Australia. July 10, 1999. (with M.S. Carroll)

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*The 1994 Wenatchee National Forest Fire: A Case Study in Social Dynamics. Presented at: Bushfire (Australian Bushfire Conference), Albury, Australia. July 8, 1999 (with M.S. Carroll and K.A. Blatner.)

*Integrating Systems Thinking and Negotiation to Manage Natural Resource Conflicts: A Collaborative learning Approach. Invited seminar presentation to the MISA Farming Systems Group, University of Minnesota, Minneapolis, MN, 11 November, 1998.

*Convening, Participating, and Collaborating: Skills for Collaborative Groups Presented to the 8th Annual Meeting of the National Network of Forest Practitioners, Timberline, Oregon, 7 November, 1998. (with G. Walker)

*Payoffs, Pitfalls, and Blindsides: The Implications of Collaboration to Foresters. General session presentation at Annual Meeting of the Society of American Foresters, Traverse City Michigan, 23 September, 1998.

Commitment to Place as a Mediating Social Variable. Presented at the Annual Meeting of the Rural Sociological Society, Portland, OR, 6 August 1998.

*Community Collaboration: An old idea that is new again. A community discussion sponsored by the USDA-Forest Service, Tongass National Forest, Sitka, AK, 1 May 1998.

*Critical Perspectives on Natural Resource Collaborations. Presented at the 1998 Public Land and Resources Law Review Conference, University of Montana Law School, Missoula, MT, 17 April 1998.

*“Collaborative Learning: An Approach to Environmental Dispute Resolution. Presented to the School of Forestry, Northern Arizona University, Flagstaff, AZ, 15 April 1998 (with G. Walker).

*Collaboration and Environmental Conflict: Learning-Based Public Participation and Science. Presented to the Kansas Commission on Water Quality Standards, Olathe, KS, 29 March 1998. (with G. Walker)

* Rethinking Public Participation in Natural Resource Management: Concepts from Pluralism and Five Emerging Approaches. Presented to the Working Group on Pluralism and Sustainable Forestry in Rural Development, UN/FAO, Rome Italy, 9 December, 1997. (with G. Walker)

“Communication Competence and Public Participation in Natural Resource Policy Decisions.” . Presented at the annual meeting of the National Communication Association, Chicago, IL, November 1997. (with G. Walker)

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“Natural Resource Policy Conflict and the Paradox of Public Involvement: Bringing Scientists and Citizens Together.” Presented at the annual meeting of the National Communication Association, Chicago, IL, November 1997. (with G. Walker)

“Between Rocks, Trees, and Hard Places: A Debate on Community Collaboration in Natural Resource Policy Making” Oregon State University Memorial Union, 29 October, 1997. (with Dr. Bill Lunch)

* “Managing Public Conflicts: Collaboration and the Progress Triangle.” Annual extension Conference, Oregon State University, September, 1997. (with G. Walker)

“Collaborative Public Participation in Environmental Conflict Management: An Introduction to Five Approaches.” Presented at the Fourth Biennial Conference on Communication and Environment, Cazenovia, NY, July, 1997. (with G. Walker)

“Social Assessment and Collaborative Learning in Wenatchee National Forest Fire Recovery Planning.” Presented at the 17th Annual Meeting of the International Association for Impact Assessment, New Orleans, Louisiana, May 30, 1997. (with M.S. Carroll, K.A. Blatner, and G.B Walker) Abstract Included

“Criteria for the Evaluation of Social Assessment Components of Ecosystem Assessment Processes: What Have We Learned??” Presented at the 17th Annual Meeting of the International Association for Impact Assessment, New Orleans, Louisiana, May 30, 1997. (with M.S. Carroll and R.S. Krannich)

“Conflict Management through Public Involvement: Collaborative Learning in Fire Recovery Planning.” Presented at the Conference on Environmental Conflict Resolution in the West, Udall Center for Studies in Public Policy, Tucson, AZ, 5 April 1997. (with G. Walker)

“Collaborative Processes and Scientific Information,” Presented at Annual Meeting of Oregon chapter of the American Fisheries Society, Gleneden Beach, OR, 14 February 1997.

“Systems Thinking, Communication, and Team Decisions,” presented at Inter-agency (USDA-Forest Service, USDI BLM and Fish and Wildlife Service) Silviculture/Wildlife Workshop, Spokane, WA, 27 February 1997.

“Civic Discovery and Ecosystem-Based Management: Collaborative Learning in Fire Recovery Planning.” Presented at the annual Meeting of the Speech Communication Association, San Diego, CA, 20 November 1996 (with G.B. Walker, M.S. Carroll, and K.A. Blatner).

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- *“Collaborative Learning: An Alternative Approach to Resource Planning.” Presented at Science in a Fragmented Society: A Symposium sponsored by the Society of American Foresters, The USDA Forest Service, Washington Office and others. Silver Springs, MD, June 19, 1996. (with M.S. Carroll, G.B. Walker, and K.A. Blatner)
- * "Foundations of Natural Resource Conflict: Conflict Theory and Public Policy." Presented at the Conference on Conflict Management and Public Participation in Land Management, sponsored by the European Forestry Institute, Joensuu, Finland, 17 June 1996 (with G.B. Walker).
- * "Managing Natural Resource Conflicts: Social and Strategic Considerations." Conference on Conflict Management and Public Participation in Land Management, sponsored by the European Forestry Institute, Joensuu, Finland, 17 June 1996 (with G.B. Walker).
- "A Behavioral Model of Natural Resource Conflict." Sixth International Symposium on Society and Resource Management. Pennsylvania State University, University Park, PA, 23 May 1996.
- "Social Assessment and collaborative Learning in Wenatchee National Fire Recovery Planning." Sixth International Symposium on Society and Resource Management. Pennsylvania State University, University Park, PA, 21 May 1996 (with G.B. Walker, M.S. Carroll, and K. Blatner).
- "A Primer on the Wise Use and Home Rule Movements." Sixth International Symposium on Society and Resource Management. Pennsylvania State University, University Park, PA, 21 May 1996.
- "Social Constructions of Landscapes in Collaborative Natural Resources Decisionmaking." Sixth International Symposium on Society and Resource Management. Pennsylvania State University, University Park, PA, 22 May 1996.
- *“Effective Team Communication”. Meeting of the USFS Region 4 T&E biologists and line officers, Twin Falls, ID, 23 April, 1996.
- * “Collaborative Learning as a Technique to assist Ecosystem-Based Management in North Idaho. Public Conference sponsored by the Clearwater, Panhandle, and Nez Perce National Forests. Coeur d'Alene, ID, February 2 1996.
- * "The Political and Social Forces Shaping Range Management in the United States: Vectors of Change and Future Challenges" Presented at the Fifth International Rangelands Congress, Salt Lake City, Utah, 24 July 1995.

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- * "Social and Political Considerations in Ignition Management" Presented at Ignition Management--A Dynamic Approach to Fire Protection Analysis, National Advanced Resource Technology Center, Marana AR, 5 June 1995.
- * "Learning-based Public Participation". Presented at the Interior Columbia Basin Ecosystem Management Project Social Science Symposium, Spokane WA, 29 April 1995
- *"A Collaborative Learning Approach to Designing Public Participation for Ecosystem Management". Presented to the Leadership Team of the Okanogon National Forest, Okanogon, WA, 21 November 1994.
- "Resolving Multi-Party Public Policy Disputes: What does the Integrative Negotiation Research have to Offer?" Presented at Speech Communication Association annual meeting, New Orleans, LA 20 November 1994 (with G.B. Walker).
- "Public Deliberation and Public Land Management: Collaborative Learning and the Oregon Dunes." Presented at Speech Communication Association annual meeting, New Orleans, LA 19 November 1994 (with G.B. Walker).
- *"Combining 'Good Science' and 'Effective Public Involvement': An Alternative to Traditional Natural Resource Planning" Presented at Resources Management in the 90's Symposium, University of Northern British Columbia. 18 October, 1994 (with K. Blatner)
- *"Rural Community Dynamics and River Protection: Challenges For Federal and State Resource Planners." Paper presented at the 1994 Annual Meeting of The American Society of Landscape Architects. San Antonio, TX. October 10, 1994. (with M.S. Carroll)
- *"Changes and Challenges: Understanding Social Forces and Resource Management", Presented at Society of American Foresters National Convention, Anchorage, AK 21 September, 1994 (with M.S. Carroll).
- "Collaborative Learning and the Management of Natural Resource Disputes." Presented at the Rural Sociological Society annual meeting, 12 August 1994 (with G.B. Walker).
- *"Collaboration and Ecosystem Management: Integrating Scientific and Public Knowledge." Presented at Ecosystem Management in the Western Interior Forests symposium, Spokane WA 3 May, 1994 (with G.B. Walker).
- *"Searching for Effective Natural Resource Policy: The Special Challenges of Ecosystem Management." Presented at Natural Resources Week Symposium, Logan UT 21 April 1994

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(with G.B. Walker)

"Improving the Quality of Public Discourse in Natural Resource Conflict: Reinventing Public Involvement". Presented at the annual meeting of the Western Social Science Association, Albuquerque, NM April 1994. (with G. Walker)

"The Forest Conference as Communication: Dialogue versus Strategic Control". Presented at the annual meeting of the Western Communication Association, San Jose, CA February 1994 (with G. Walker).

"Collaborative Learning and the Mediation of Natural Resource Disputes". Paper presented at the annual meeting of the Speech Communication Association, Miami Beach, FL. November 1993. (with G. Walker)

"Clinton and the Northwest Forest Conference: A Case of Conflict Mis-management. Paper presented at the annual meeting of the Speech Communication Association, Miami Beach, FL November 1993. (with G. Walker)

*"Emerging Issues in Social Assessment" at the Society of American Foresters National Convention, Indianapolis IN, 9 November 1993 (with M.S. Carroll).

"Conflict, Communication, and Culture: Understanding Natural Resource Disputes", at the National conference on Peacemaking and Conflict Resolution, Portland OR, 1 June 1993 (with M.S. Carroll).

"Managing Natural Resource Disputes: The Collaborative Learning Approach", seminar on "Humankind and the Environment" at the National Conference on Peacemaking and Conflict Resolution, Portland, OR, 28 May 1993 (with G.B. Walker)

*"Reinventing Government and the Future of Public Land Management", at Forging Alliances, sponsored by the USDA Forest Service, Globe, AZ, 24 February, 1993 (with M.S. Carroll).

"Effective Professional Communication: A University Perspective", at the SAF National Convention, Richmond, VA, 28 October 1992 (with M.S. Carroll).

"Social Change and Institutional Evolution: The Case of Federal Forest Policy in the Post-Multiple Use Sustained Yield Era", Fourth North American Symposium on Society and Resource Management, Madison WI, May 1992 (with M.S. Carroll).

*"Public Land Management and Three Decades of American Social Change: Thoughts on the Future of Public Lands and Public Demands", Multiple Use and Sustained Yield: Changing

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Philosophies for Federal Land Management? workshop, Congressional Research Service, Washington, DC, 5 March 1992 (with M.S. Carroll).

*"An Economic Perspective on Ecosystem Management", conference on Ecosystem Management in a Dynamic Society sponsored by Purdue University and the USDA-Forest Service, 20 November 1991.

"Class Differences and Formalized Public Involvement as Barriers to Effective Community Participation in Federal Land Management", conference on Forest Service and Community Development conference sponsored by the Forest Trust, 19 November 1991, Santa Fe, New Mexico (with M.S. Carroll).

*"Breaking the Ties that Bind", Rural Northwest: Exploring Common Ground, 10 September 1991, Vancouver WA.

"Spotted Owl Economics: Jobs, Ecosystem Sustainability, and Political Institutions", Western Agricultural Economics Association Annual Meetings, 8 July 1991, Portland Or.

"Class Differences and Formalized Public Involvement as Barriers to Dispute Resolution", Western Forest Economists Annual Meeting, 14 May 1991, Welches, OR.

*"New Forestry: Implications for Professional Education", Inland Empire SAF, 1 March 1991, Clarkston, WA.

"New Perspectives on Public Involvement", USFS Region 6 Recreation University II, 6 February 1991, Portland, OR.

*"The Three C's of Effective Public Participation", Siskiyou National Forest LMP Implementation Fair, 12 December 1990, Gold Beach, OR.

"The Behavior of Private Non-industrial Foresters in Risky Situations and the Implications For Aggregate Timber Supply," Delivered at the Western Forest Economists Meeting, 2 May 1989, Wemme, Oregon (with D.A. Cleaves).

"The Costs of Providing Recreation Opportunities on Public Lands and their Policy Implications," Delivered at the F2 Recreation Working Group Program SAF National Convention, 18 October 1988, Rochester, NY.

"How Economics can Contribute to the Applicability of Forest Pathology Research," Delivered at the Western International Forest Disease Worker Convention, 20 September 1988, Park City, UT.

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- "Conflict in Outdoor Recreation: The Case of a National Forest that Ignores the last 25 Years of Research in Recreation Management," Delivered at the Second Symposium on Social Science in Resource Management, 8 June 1988, Urbana IL (with R. S. Krannich).
- "Forestry and Economic Development: Social Characteristics Shaping the Demand for Fuelwood in the Middle Hills of Nepal," poster at the Second Symposium on Social Science in Resource Management, 7 June 1988, Urbana IL (with Keshev Kanel).
- *"Estimating Outdoor Recreation Supply Functions Theory, Methods, and Results," Delivered at Benchmark 88: A National Outdoor Recreation and Wilderness Forum, 14 January 1988, Tampa, FL (with H. Kenneth Cordell, later submitted to Leisure Sciences).
- *"Below-Cost Timber Sales and Community Stability." Delivered at Below-Cost Sales and Conference on the Economics of National Forest Timber Sales, 18-19 February 1986, Spokane, Washington (with William F. Hyde).
- "Marginal Cost Pricing and Efficient Management of Public Campgrounds," Delivered to 1985 Symposium of Leisure Research, National Recreation and Park Association.

BOOK REVIEWS

- Social Learning in Environmental Management: Towards a Sustainable Future”, M. Keen, V. Brown and R. Dyball, eds. *Journal of Environmental Management*, 2006.
- “Anatomy of a Conflict: Identity, Knowledge, and Emotion in Old Growth Forests”, by Terre Satterfield, *Rural Sociology*, 2003.
- Untitled collection of essays, by Char Miller, Pre-publication review for the OSU University Press. 1999.
- "Crossing the Next Meridian: Land, Water and the Future of the West", by Charles F. Wilkinson, *Forest Science*, 1993.
- "The Theory and Application of Forest Economics", by Colin Price, *Journal of Forestry*. 1990.
- "Forest Resource Policy: Processes Participants, and Programs", by Fred Cabbage, Jay O’Laughlin, and Charles Bullock. Pre-publication review for John Wiley and Sons. 1990.
- "Forest Economics", Peter Pearse. Pre-publication review for University of British Columbia

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Press. 1989.

"Amenity Resource Valuation: Integrating Economics with other Disciplines," edited by G.L. Peterson, B.L. Driver, and R. Gregory, *Journal of Park and Recreation Administration*. 1989.

"Reforming the Forest Service", by Randal O'Toole, *Western Journal of Applied Forestry*, Fall, 1988.

"Investments in Forestry: Resources, Land Use, and Public Policy," edited by Roger A. Sedjo, *Annals of Regional Science*. February 1986.

"Public Lands and the U.S. Economy, edited by G. M. Johnson and P. M. Emerson," *Annals of Regional Science*. December 1985.

REVIEWER FOR PROFESSIONAL JOURNALS AND ORGANIZATIONS

<i>Forest Science</i>	<i>Journal of Forestry</i>
<i>Wildlife Society Bulletin</i>	<i>Land Economics</i>
<i>J. of Leisure Research</i>	<i>Leisure Sciences</i>
<i>Canadian J. of Forest Research</i>	<i>Western J. of Applied Forestry</i>
<i>Society and Natural Resources</i>	<i>Biological Conservation</i>
<i>Rural Sociology</i>	
<i>International J. of Agriculture, Resources, Governance and Ecology</i>	
Center for International Forestry Research	
USFS Southeastern Forest Experiment Station	
US Environmental Protection Agency	
European Forest Institute	
UN Food and Agriculture Organization	
Tall Timbers Research, Inc./Ecological Forestry Research Program	

Member of Editorial Board for *Society and Natural Resources* (1997-2000)

Proposal reviewer for National Science Foundation, USDA-National Research Initiative, USDA-Small Business Innovation Research grant programs.

GRANTS AND COOPERATIVE AGREEMENTS

2006-08 Statewide Socioeconomic Assessment. Utah Office of Public Lands Policy Coordination.

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\$750,000

2005-06 Review of the Socioeconomic Analysis in the Draft Environmental Impact Statement prepared by the USDI-Bureau of Land Management Richfield Field Office. Six County Association of Governments. . \$33,500.

2005-07 Community Forestry Evaluation. Ford Foundation. \$825,000. (One of seven lead investigators on a national study evaluating the outcomes of the Ford Foundation's \$15mm investment into community-based forestry.)

2004-06 Existing and potential incentives for practicing sustainable forestry on non-industrial private forest lands. National Commission for Science for Sustainable Forestry. \$50,000. One of five PIs on a national study of forestry incentive programs.

2004 Western Rural Development Center operating grant. USDA-CSREES \$310,000 (annually) \$35,000 additional from Utah State University.

2001 Managing Wildfire Risk Conference USDA-Forest Service. USDA-CSREES, and USDI-Bureau of Land Management \$56,000

1999-2003 Western Rural Development Center operating grant. USDA-CSREES \$255,000 (annually) \$35,000 additional from Utah State University.

1995-98 Sustainable Forestry Partnership. MacArthur Foundation. \$335,000 (awarded to project team.)

1995-96 USDA Forest Service. \$20,000. Tracking Displaced Timber Workers through Various Reemployment Scenarios: An Exploratory Analysis.

1994-95 Collaborative Learning and Fire Recovery on the Wenatchee National Forest. \$40,000 through OSU; \$30,000 through WSU. Co-PI with Gregg Walker on OSU portion, Matt Carroll and Keith Blatner on WSU portion.

1994 Decision Making and Ecosystem Management. USDA-Forest Service PNW Experiment Station Co-operative Research Agreement. \$20,000.

1994 Institutional Barriers to Salvage in the Blue Mountains Region of Oregon. USDA-Forest Service PNW Experiment Station Co-operative Research Agreement. \$12,000.

1993 Inventory and Market Considerations in Salvage Harvesting in the Blue Mountains Region of Oregon. USDA-Forest Service PNW Experiment Station Co-operative Research

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Agreement. \$12,000.

- 1992-95 Reviewing Public Participation Practices: A Procedural Justice Approach. Boise-Cascade Endowed Forest Policy Research Project. Approx. \$30,000/year; co-PI with George Stankey.
- 1992-3 Collaborative Discussions about Natural Resource Management: Possible Mechanisms for Addressing Forest Health. USDA Forest Service, Eastside Forest Health Initiative. \$20,000.
- 1992 Institutional Barriers to Addressing Forest Health in the Blue Mountains: A Synthesis. USDA Forest Service, Blue Mountains Natural Resources Institute. \$8250.
- 1992 Fellowship to attend Summer Institute on Negotiation and Dispute Resolution, Center for Advanced Study in the Behavioral Sciences. Andrew W. Mellon Foundation. \$4500.
- 1992 Review of Public Participation techniques and applications. USDA Forest Service Pacific Northwest Experiment Station. \$5000.
- 1991 "Class Differences and Formalized Public Participation as Barriers to Dispute Resolution." Fund for Research on Dispute Resolution. Unsuccessful Proposal. The annual FRDR grants are very competitive. In 1991, they had 156 applications, and selected 17 to compete in a second round, of which they funded five. Our proposal was in the second round, but rejected for "having clear empirical application, but that was not FRDR's goal." \$56,388.
- 1991 Socioeconomic Research Feasibility Study. USDA Forest Service Pacific Northwest Experiment Station/Oregon State University COPE Program. \$25,000.
- 1991 "Economic Impacts of Long-Rotation Alternative Silvicultural Practices." USDA-Forest Service Pacific Northwest Forest Experiment Station Cooperative Agreement. \$5500 (summer funding for a graduate student).
- 1990 "Forest Industry, Forest Products, and Forest Resources Data." USDA-Forest Service Pacific Northwest Forest Experiment Station Cooperative Agreement. \$4500 (summer funding for a graduate student).
- 1987 "Estimating the Present Net Value of a Fuelwood Pelletization Industry in Utah." Utah State University Competitive Faculty Grant. \$7547.
- 1987 "Demand and Value of Personal Use Christmas Tree Cutting in Utah." USDA-Forest

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Service Rocky Mountain Forest Experiment Station Cooperative Agreement. \$12,950.

1986 "Estimating Recreation Supply Functions." USDA-Forest Service Southeastern Forest Experiment Station Cooperative Agreement. \$24,000.

PROFESSIONAL HONORS

2010 USU Civically Engaged Scholar, awarded by the Utah Campus Compact, a consortium of 13 higher education institutions.

2006 Excellence in Extension and Public Outreach. Rural Sociological Society.

2004 Certificate of Appreciation. Western Cooperative Extension Directors (in recognition for service as Director of the Western Rural Development Center).

1999 Aufderheide Award (Teacher of the Year) College of Forestry, Oregon State University

1994-6 Chair of the Policy, Economics, and Law Working Group of the Society of American Foresters.

1992 Selected to attend the 1992 Summer Institute on Negotiation and Dispute Resolution, Center for the Advanced Study in the Behavioral Sciences, Palo Alto, Calif.

1991 Selected to Socioeconomic Technical Committee, Blue Mountain Natural Resources Insitute, La Grande, OR.

1991 Appointed to Steering Committee, Consortium for the Social Values of Natural Resources.

1990 Awarded L.L. Stewart Faculty Development Grant for work in undergraduate writing instruction.

1990 Received Certificate of Appreciation, USDA Forest Service, "for contributions to development of cost and supply analysis in the equilibrium modeling analysis

1989 Selected R6 Representative, Economics and Policy Working Group, Society of American Foresters.

1989, '91 Nominated by students for Aufderheide Award (Teacher of the Year).

EDUCATION

- May 1986 Ph.D.; Department of Economics and School of Forestry and Environmental Studies; Duke University, Durham, NC.
Thesis Title: "Marginal Cost Pricing and Efficient Resource Allocation: The Case of Public Campgrounds."
- May 1984 M.S. in Forestry; Duke University; Durham, NC.
- May 1981 B.A., With Distinction in Economics/Environmental Studies; Whitman College; Walla Walla, WA.

ACADEMIC HONORS

- 1984-86 Resource and Environmental Policy Research Scholarship; Duke University.
- 1983-84 Canadian Studies Fellow; Duke University.
- 1982-6 Champion International Scholarship; Duke University.
- 1977-81 Paul Garrett Scholarship (four-year full need award); Whitman College.

REFERENCES

Available upon request.

PROFESSIONAL MEMBERSHIPS

National Association of Community Development Extension Professionals
Rural Sociological Society
Society of American Foresters
International Association for Public Participation
International Society for Society and Natural Resources.