

Dr. J. Daniel Lousier

BSc, MSc, PhD, RPBio

ACADEMIC HISTORY AND PROFESSIONAL QUALIFICATIONS

2007	Founding President , Resources North Association, Prince George, BC
2007–2008	President , McGregor Model Forest Association, Prince George, BC
2002–2006	Director , FORREX Forest Research Extension Partnership, Kamloops, BC
2006–2007	Chair , Board of Directors, McGregor Model Forest Association, Prince George, BC
2000–2007	Director , McGregor Model Forest Association, Prince George, BC
1996–present	Research Associate , Forestry Program, University of Northern BC, Prince George, BC
1995–present	Adjunct Professor , Faculty of Natural Resources and Environmental Studies, University of Northern BC, Prince George, BC
1988–2003	Adjunct Professor , Department of Forest Sciences, Faculty of Forestry, University of British Columbia, Vancouver, BC
1979	PhD (Forest soil ecology), University of Calgary, Calgary, AB
1972	MSc (Soil biology), University of Calgary, Calgary, AB
1968	BSc (Biology), Notre Dame University of Nelson, Nelson, BC

PERSONAL ATTRIBUTES

I bring a number of personal attributes to all my work positions and contract relationships:

- *Commitment to life-long learning*
- *Independence, objectivity, fairness, and acceptance of human and ecological diversity*
- *High ethical standards and integrity in professional and personal dealings*
- *Recognition and acceptance of personal and professional accountability*
- *A creative and solutions-focused orientation to challenges in community relationships*
- *Intellectual flexibility and responsiveness, willingness to consider and evaluate alternatives, and capability to embrace change when necessary or desirable*
- *Ability and willingness to communicate with colleagues and clients in a respectful manner*
- *Ability to work as a team member and team leader as well as independently*
- *Commitment to acknowledge the contributions of others*
- *An excellent sense of humour and the ability to recognize its place in the professional environment*

Over the course of my career and through working with many exceptional professionals, I have learned and embraced the following approaches:

- *Courageously raising and examining potentially controversial issues in a manner which encourages dialogue and fosters solutions*
- *Applying effective analytical, interpretative, and time management skills*
- *Committing to the mission, values, and guiding principles of programs, organizations, or Boards*
- *Effectively, consistently, and honestly representing organizational interests*
- *Demonstrating and sustaining an independent perspective and a high level of situational judgment in relation to conflicting parties and their positions*
- *Ability to not only think but act “outside the box”*

SUMMARY OF EXPERIENCE

I have 34 years of experience in forestry and environmental studies, particularly in the areas of:

- *project and program management*
- *research planning (project and program development)*
- *development of strategic plans for research and extension*
- *development of business, implementation and operating plans for research and extension programs*
- *writing and review of proposals and funding applications*
- *project research, reporting, and extension*
- *quality control through technical supervision and project monitoring*
- *writing, review, and editing of working plans, progress reports, and final reports*
- *training course development and delivery*
- *workshop and working group facilitation*
- *ecosystem-based management, environmental impact assessment, cumulative impact assessment, ecosystem restoration, adaptive management, and adaptive governance*

Relevant general project areas are: forest ecology; biology of forest soils (organisms and processes); forest nutrition; soil climate; soil degradation; soil conservation; ecosystem classification, correlation and interpretation; biophysical inventories (soils and vegetation); old growth forests, forested ecological reserves; silviculture; agro-forestry; vegetation management; harvesting impacts; broadleaf management; mixedwood management; re-vegetation of disturbed lands; integrated forest and range resource planning and research; wildlife tree management; riparian ecosystem management; community involvement processes; information management; and environmental and socio-economic impact assessments of large-scale industrial developments.

I have written or co-written applications successful in generating approximately \$24 million in research program and project funding from several sources (Forest Resource Development Agreements I & II; BC Ministry of Forests; Natural Science and Engineering Research Council; Canada Foundation for Innovation; British Columbia Knowledge Development Fund; and Forest Renewal BC) for university-, government-, and industry-based research.

I have served on the supervisory committee for four undergraduate students and ten graduate students (three PhD students and seven MSc students) from the University of Alberta, University of British Columbia, University of Victoria, Oregon State University, University of Northern British Columbia, and Royal Roads University.

I have served as a reviewer/referee on over 60 manuscripts submitted to the following international journals: Soil Biology & Biochemistry, Pedobiologia, Revue d'Écologie et Biologie du Sol, Archiv für Protistenkunde, Canadian Journal of Forest Research, Canadian Journal of Botany, Canadian Journal of Microbiology, Forestry Chronicle, Forest Science, Forest Ecology and Management, Ecology, Transactions of the American Microscopical Society, Oecologia (Berlin), Le naturaliste canadien, and Geoscience Canada. I served as Guest Editor for a Special Issue of Forest Ecology and Management entitled *Ecology and Management of Northern Forest Soils* (August 2000).

EMPLOYMENT HISTORY

2006–present	Partner , Rubus EcoScience Alliance, Duncan, BC
1997–present	President and Senior Forest Resource Specialist , Whiskey Jack Forest Sciences, Prince George, Victoria, and Duncan BC
1999–2001	University–Industry Liaison Officer , Office of Research and Graduate Studies, University of Northern British Columbia, Prince George, BC
1996–1997	Manager , Madrone Consultants Ltd., Prince George, BC
1992–1996	Forest Sciences Officer , Prince George Forest Region, BC Ministry of Forests
1987–1991	President and Proprietor , W.F.S. Enterprises Ltd., Nanaimo, BC
1982–1987	Ecology Program Manager , Integrated Resource Management Section, Research Branch, BC Ministry of Forests, Victoria, BC

SPECIFIC EXPERIENCE: MAJOR ACTIVITY LIST

- Problem analysis and research work plan for monitoring the response of wildlife to prescribed fire in the Peace Region of BC.
- Knowledge needs synthesis for the Sustainability Program Advisory Committee Topic 1.2, Soil Biology, Ecology, and Productivity. BC Forest Science Program.
- Development of a strategy for incorporating Traditional Knowledge into resource management planning for the Muskwa-Kechika Advisory Board. With InterraPlan and Associates, Moberly Lake, BC.
- Review of the FIA Forest Science Program research and extension priorities relevant to stakeholder-identified mountain pine beetle research priorities; recommendations for MPB research and extension priorities for the 2007-08 FSP proposal call. BC Forest Science Program.
- Development of a strategy for the management of mountain pine beetle impacts on recreation sites in the BC Interior. BC Ministry of Tourism, Sport and the Arts. With Timberline and TerraTree Forestry.
- Preparation of a proposal, "Applying community needs to managing the land," for the Northern Integrated Resource Management Partnership. McGregor Model Forest Association. With Triangle Resources.
- Organization and delivery of a mountain pine beetle research forum for UNBC and UBC; summary of conference and development of long-term research strategy. University of British Columbia and University of Northern British Columbia.
- Preparation of, as part of Interfor's Stewardship and Sustainable Forest Management Plan, chapter on the history of the Clayoquot Sound and resource management in the area. With Madrone Environmental Services Ltd.
- Background evaluation of coastal BC forest science knowledge and preparation of a long-term SFM research and monitoring strategy for International Forest Products Ltd. With Madrone Environmental Services Ltd.
- Preparation of an annotated bibliography on beetle-proofing practices for prevention of mountain pine beetle infestations. FERIC and Canadian Forest Service. With Madrone Environmental Services Ltd.
- Preparation of a mountain pine beetle management manual for small-scale forestry operations in British Columbia and Alberta. Pacific Forestry Centre, Canadian Forest Service.
- Preparation of draft manuscripts on the benefits of utilizing Canadian wood building products; for presentations to international conferences on forest management and forest products. Forintek.
- Preparation of research and extension proposals for clients wishing to submit them to the BC Forestry Innovation Investment Program, Forest Renewal BC, Canadian Forest Service Mountain Pine Beetle Initiative, Softwood Industry Community Economic Adjustment Initiative, and the Canadian Forest Service First Nations Program.
- Preparation of consulting proposals for clients responding to Requests for Proposals.
- Preparation of a strategic plan for the UNBC mixedwood ecology and management program.
- Preparation of further background information for the UNBC proposals to Forest Renewal BC for research chairs in landscape ecology and applied forest genetics.
- Preparation of the knowledge strategies for the issues of mixedwood management and pest management for the Strengthening Sustainable Forest Management component of the Omineca–Peace Resource Management Plan. In association with Red Osier Consulting, Prince George, BC.
- Preparation of a strategic planning document for Phase III proposal for McGregor Model Forest Association. In association with R. Keith Jones & Associates, Victoria and Prince George, BC.
- Co-author of Phase III proposal for the McGregor Model Forest Association. Prince George, BC.
- Chair of the McGregor Model Forest Programs in Knowledge Management and Strategic Forestry.
- Preparation of a mixedwood management plan for Canfor's Peace operating areas in northern BC and Alberta. Canadian Forest Products Ltd., Vancouver and Prince George, BC.
- Preparation of a position paper on the need for a research chair in integrated pest management, Forestry Program, University of Northern BC. To be submitted to the Government Task Force on the Mountain Pine Bark Beetle, Prince George and Victoria, BC.
- Chair, Knowledge Transfer Program, McGregor Model Forest Association, Prince George.
- Establishment of the new University–Industry Liaison Office at UNBC.
- Liaison with the Information, Science & Technology Agency.
- Finalization of feasibility study and five-year business plan for the development of the Northern Forest Research & Extension Partnership, and submission to Forest Renewal BC.
- Finalization of proposals for Forest Renewal BC (endowed chairs), Canada Foundation for Innovation (Enhanced Forestry Laboratory), and NSERC (Intellectual Property Management Program).

- Assistance to faculty members in proposal writing and preparation of funding strategies.
- Liaison with faculty in reference to commercialization opportunities for research, patents, copyrights, licenses, and trademarks.
- Development of business plans for investigating feasibility of the commercialization of faculty research inventions.
- Preparation of University–Industry Liaison Office 1999/2000 and 2000/2001 business plans and longer-term strategic plan.
- Revision of the UNBC commercialization strategy, including necessary policies and guidelines for faculty and staff.
- Assistance in the development of the UNBC Research & Development Park.
- Promotion of the value of research and research partnerships for industrial efficiencies, cost-effectiveness, and development; and the value of university/industry liaison in intellectual property management.
- Development and delivery of intellectual property management seminars and workshops for faculty; facilitation of scoping workshops with prospective industrial and community partners.
- Participation as a founding member of Westlink Innovation Inc., a Western Canadian universities technology transfer network.
- Assistance in the development of interview criteria for the Forest Renewal BC funded endowed chair positions; service on the interview committee for each chair position.
- Established working partnerships with industry, government agencies, research institutions, and community groups for the Stage II proposals (Forest Renewal BC) for endowed chairs (University of Northern BC) in forest growth and yield and mixedwood ecology and management, 1998, and landscape ecology, 2000/01.
- Reviewed the research and extension needs of northern BC forest managers in the areas of forest growth and yield and mixedwood ecology and management, 1998, and landscape ecology, 2000/01.
- Developed discussion papers and funding proposals for new research initiatives in forest genetics and tree improvement, forest products (particularly value-added products), forest policy, and forest economics.
- UNBC representative on the BC Committee of Forest Research Agencies.
- Preparation of the Stage II proposals for the Forest Renewal BC endowed chairs in growth and yield and mixedwood ecology and management, University of Northern BC, Prince George, BC.
- Preparation of a Canada Foundation for Innovation proposal and a BC Knowledge Development Fund proposal for the Enhanced Forestry Laboratory, UNBC, Prince George, BC.
- Member of the Science Council of BC Extension Review Committee for the Forest Renewal BC Research and Extension Program.
- Management of an environmental consulting and research office with up to 23 working professionals, technicians, research assistants, and support staff.
- Management of the forest sciences research program for Prince George Forest Region; supervision of 13 professional, technical, and support staff; initiating staffing requests for new positions or filling vacant positions; handling of all staff issues and development.
- Co-ordination of the determination of clients' information needs, analysis and interpretation of clients' input, and preparation of strategic and operating plans.
- Responsible for budget planning and management for the forest sciences research program; assisted the section clerk in developing and implementing a more effective and efficient budget planning and management process; responsible for tracking research funding sources, co-ordinating proposal preparation and submission.
- Responsible for quality of management and administration of research and extension contracts; responsible for ensuring that all staff are trained in all aspects of contract management; assisted section clerk in developing and implementing more effective and efficient contract administration procedures.
- Participated in several extension activities, field tours, seminars, workshops, and conferences; served on the Northern Advisory Board for the Forestry Continuing Studies Network, and participated in and supported Network activities.
- Edited, contributed to, and produced the Forest Sciences Section newsletter, *Natural Enquirer*.
- Served as first chair of the Prince George Regional Re-organization Advisory Team; represented forest sciences research in the re-organization implementation process.
- Participated in the development and review of the provincial curriculum for Ministry of Education's Forest Science 11 and 12
- Administrative and technical assistance to the B.C. Ministry of Forests and Lands' FRDA (Forest Resource Development Agreement) Extension, Demonstration, Research and Development sub-program. Research planning; technical evaluation of reports and working plans; development of E & D strategies, plans and projects; revision and rewriting of scientific reports to operational levels.
- Preparation of a proposal for the Chief Forester for the organizational structure of a B.C. Vegetation Management Council.

- Annotated bibliography on the impacts of forest harvesting and renewal practices on soils and site productivity.
- Definition of operating standards for silvicultural contractors and their employees; review of all pertinent legislation and regulations relevant to employer-employee relations.
- Preparation of display posters for project reports produced through Forestry Canada's Direct Delivery component of the FRDA Extension, Demonstration, Research and Development Sub-program.
- Analysis of the silviculture, wildlife and safety issues involved in snag management; preparation of guidelines for safe silviculture operations.
- Formulation of the Ministry of Forests' philosophy and guiding principles for silviculture contracting; re-writing of Chapter 7 (Contract Administration) of the Ministry of Forests' Silviculture Manual.
- Project Manager, Coastal FRDA Extension Program, Community Education, Malaspina College, Nanaimo, BC
- Problem analysis of wildlife tree management needs in British Columbia.
- Co-development of the wildlife/danger tree assessors' course; co-delivery of four pilot sessions.
- Problem analysis of the impacts of alternative silviculture systems on forest pest management in British Columbia.
- Preparation of a pest register and an annotated bibliography (forest health management and silviculture systems) for the Duncan Forest District.
- Development of a process for the evaluation of the operational performance of silvicultural contractors.
- Management of the provincial ecology program, the objectives of which are to (1) classify forest ecosystems and create a forest and range ecosystem structure and function information base; (2) to correlate and interpret the classification and ecosystem information to provide guidelines for the selection and use of forest management practices; (3) to validate the interpretations through testing and research; and (4) to produce information that will allow the recommendation of operational procedures that would minimize degradation of the forest and range land base and would maintain or enhance site productivity.
- Preparation and administration of annual and 5-year research plans and budgets.

RESEARCH/EXTENSION PLANNING AND MANAGEMENT ACTIVITIES

- Northern Interior TAC representative on FRDA Integrated Resource Management Task Force. Co-ordination of the planning and implementation of the integrated resource management research component of the provincial FRDA E, D, R & D program; problem definition, research priority selection, 1986-1987.
- Extension and demonstration of the coastal backlog reforestation research program (Coastal Technical Advisory Committee, FRDA). Development of overall E & D strategy, goal, objectives, and plan; needs analysis; development, preparation and delivery of E & D documentation, training courses, briefing sessions, seminars and other products, 1989-1991.
- Preparation of display posters for project reports produced through Forestry Canada's Direct Delivery component of the FRDA EDR&D Sub-program, 1990-1991.
- Involved in planning and development of the BC Forestry Continuing Studies Network, 1990-1992.
- Provided technical and management guidance to the regional research extension and consulting activities, 1992-1996.
- Determination of clients' information needs, development and creation of relevant focus groups, analysis and interpretation of clients' input, and preparation of strategic and operating plans for forest sciences research and extension in the Prince George Forest Region, 1994-96.
- Served on the Northern Advisory Board for the BC Forestry Continuing Studies Network, and participated in and supported Network activities, 1992-1996.
- Edited, contributed to, and produced the Forest Sciences Section newsletter, *Natural Enquirer*, Prince George Forest Region, 1992-1996.
- Undertook an inventory project of all existing research projects and trials in the Prince George Forest Region, 1994-1995.
- Participated as a co-founder of the Northern Wet-belt Forest Research Co-operative, 1996-1997.
- Reviewed the research and extension needs of northern BC forest managers in the areas of forest growth and yield and mixedwood ecology and management, 1998.
- Established working partnerships with industry, government agencies, research institutions, and community groups for the Stage II proposals (Forest Renewal BC) for endowed chairs (University of Northern BC) in forest growth and yield and mixedwood ecology and management, 1998.

PUBLICATION/EXTENSION PRODUCT LIST

SELECTED RESOURCE MANAGEMENT PUBLICATIONS

- Lousier, J. D.** 1990. Impacts of forest harvesting and regeneration on forest sites. Interior Forest Harvesting Committee, and the British Columbia Ministry of Forests. Land Management Report No. 67, BC Ministry of Forests, Victoria, BC. 92 pp.
- Lousier, D.** 1993. IRM research in central and northern British Columbia. *In: Integrated resource management a catalyst for cooperation and commitment.* p. 41-51. Proc. Northern Silviculture Committee Symp., Feb. 2-4, 1993, Prince George, BC.
- Lousier, D.** 1993. Sheep browsing - is it an IRM tool? *In: Integrated resource management a catalyst for cooperation and commitment.* p. 109-115. Proc. Northern Silviculture Committee Symp., Feb. 2-4, 1993, Prince George, BC.
- Lousier, J. D. (ed.)**. 1999. Ecology and management of northern forest soils. Proc. Conf., 13-18 June 1998, University of Northern BC, Prince George, BC.
- Lousier, J. D.** and G. W. Still (eds.). 1988. Degradation of forested land in British Columbia - Forest soils at risk. Proc. 10th BC Soil Sci. Workshop, 18-19 February 1986, University of British Columbia, Vancouver, BC Land Management Rep. No. 56, BC Ministry of Forests, Victoria, BC. 331 pp.
- Lousier, J. D.,** H. Brix, R. Brockley, R. Carter and V.G. Marshall (eds.). 1991. Improving forest fertilization decision-making in British Columbia. Proc. Forest Fertilisation Workshop, 2-3 March 1988, Vancouver, BC BC Ministry of Forests, Victoria, BC 313 pp.
- Lousier, J. D.** and B. Bancroft. 1990. Guidelines for alder seed tree control. FRDA Memo No. 132. BC Ministry of Forests and Forestry Canada, Victoria, BC
- Jull, M., D. Coxson, S. Stevenson, **D. Lousier** and M. Walters (eds.). 1998. Ecosystem dynamics and silviculture systems in interior wet-belt ESSF and ICH forests: workshop proceedings. Univ. Nor. BC Press, Prince George, BC. 71 pp.
- Kessler, W. N. and **J. D. Lousier** (eds.). 1999. Ecology and management of Douglas-fir at the northern limits of its range. Univ. Nor. BC Press, Prince George, BC.

SELECTED RESOURCE MANAGEMENT REPORTS (UNPUBLISHED)

- Lousier, J. D.** 1989. A review of the status of silviculture contracting in the British Columbia Ministry of Forests. Unpubl. Rep., Silviculture Branch, BC Ministry of Forests, Victoria, BC. 45 pp.
- Lousier, J. D.** 1990. Snags, wildlife trees & silviculture. Phase 1 - Preliminary analysis. Unpublished report, Silviculture Branch, British Columbia Ministry of Forests, Victoria, BC
- Lousier, J. D.** 1990. Snags, wildlife trees & silviculture. Phase 2 - Snag management in silviculture operations. Unpublished report, Silviculture Branch, British Columbia Ministry of Forests, Victoria, BC.
- Lousier, J. D. (Compiler)**. 1995. Commercial thinning in the Prince George Forest Region. Forest Sciences Research Report, Prince George Forest Region, Prince George, BC. 14 pp.
- Lousier, J. D.** 1997. Management Plan for the Aleza Lake Research Forest. Unpubl. Rep., Prince George Forest Region, BC Ministry of Forests, Prince George, BC.
- Lousier, J. D.** 1998. Review of operational information needs and of the Riparian Area Management Guidebook, and development of a northern research strategy for riparian area management. Unpubl. Rep., Forest Practices Branch, BC Ministry of Forests, Victoria, BC.
- Lousier, J. D.** 1998. Development Plan for the Blue Mountain Demonstration Forest. Unpubl. Rep., Blue Mountain Demonstration Forest Society, Vanderhoof, BC.
- Lousier, J. D.** and M. MacMillan. 1991. A process for the evaluation of the operational performance of silviculture contractors. Unpubl. Report, Silviculture Branch, BC Ministry of Forests, Victoria, BC.
- Lousier, J. D.** and K. M. T. Lousier. 1992. Using sheep to control competing vegetation on Vancouver Island: impacts on seedlings, competing vegetation and water quality, Glenora Creek, Duncan Forest District. Unpubl. Second Year Report. BC Ministry of Forests, Duncan, BC

- Backhouse, F. and **J. D. Lousier**. 1991. Silviculture systems research: wildlife tree problem analysis. Unpubl. Report, BC Ministry of Forests, Ministry of Environment, and BC Wildlife Tree Committee, Victoria, BC
- Kabzems, R. and **J. D. Lousier**. 1990. Investigation of factors affecting the regeneration, growth and development of *Picea glauca* under *Populus* spp. canopy in the Boreal White and Black Spruce (BWBS) Biogeoclimatic Zone. Unpub. Rep., FRDA Project F-53-41/42-001, Forestry Canada, Victoria, BC 57 p.
- Sterling Wood Group Inc. and **W.F.S. Enterprises Ltd.** 1992. Problem analysis of silviculture systems in British Columbia. Unpubl. report, Silviculture Branch, Ministry of Forests, Victoria, BC
- Sterling Wood Group Inc. and **W.F.S. Enterprises Ltd.** 1992. Problem analysis on the extent of control of pest problems in forest stands managed with different silviculture systems. Unpubl. report, Protection Branch, BC Ministry of Forests, Victoria, BC 75 pp.
- Sterling Wood Group Inc. and **W.F.S. Enterprises Ltd.** 1992. Pest Register. Unpubl. report, Duncan Forest District, BC Ministry of Forests, Duncan, BC
- Sterling Wood Group Inc. and **W.F.S. Enterprises Ltd.** 1992. Annotated Bibliography: Forest Health Management and Silviculture Systems. Unpubl. report, Duncan Forest District, BC Ministry of Forests, Duncan, BC.
- Sterling Wood Group Inc. and **W.F.S. Enterprises Ltd.** 1992. Forest management plan, southeast Yukon. DIAND and Yukon Government, Whitehorse, Yukon.
- J.D. Lousier**, J. Voller, R.S. McNay, R. Sulyma, and V. Brumovsky. 2009. Response of wildlife to prescribed fire in the Peace Region of British Columbia: A problem analysis and research work plan. Wildlife Infometrics Inc. Report No. 316. Wildlife Infometrics Inc., Mackenzie, British Columbia, Canada.

SELECTED WORKSHOPS/CONFERENCES ORGANIZED & DELIVERED

- Member of the organizing committee for the International Union of Forest Research Organizations (IUFRO) conference on "Roots in forest soils: Biology and Symbioses," August 1986, Victoria, BC.
- Chair of the organizing committee and chair for the workshop, "Improving forest fertilization decision-making in British Columbia," March 1988, Vancouver, BC.
- Organizer and facilitator for riparian zone management workshops, March 1990 and February 1991.
- Organizer and facilitator for the Coastal Silviculture Committee Summer Workshop 1990 - Alternative silviculture systems, and recognition of all forest resource values.
- Organizer and facilitator for the Coastal Silviculture Committee Winter Workshop 1991 - Issues facing the modern silviculturist.
- Organizer and facilitator for the Coastal Silviculture Committee Summer Workshop 1991 - Tailoring silviculture prescriptions to fit integrated resource management needs.
- Organizer of the forest sciences seminar series and co-organizer of the inter-agency seminar series, 1992, 1993, and 1994, Prince George, BC.
- Member of the organizing committee for the winter 1993 Northern Silviculture Committee workshop and public forum on integrated forest resource management.
- Member of the organizing committee and workshop chair for the May 1993 workshop on biology and management of riparian ecosystems in British Columbia, Kamloops, BC.
- Member of the organizing committee, co-chair of the program planning sub-committee, and moderator for an international forestry seminar (sponsored by FAO/ECE/ILO) on forest practices held in Prince George, BC in September 1995.
- Organizer and chair of the workshop, "Ecology and management of Douglas-fir at the northern limits of its range," in Fort St. James, October 1996.
- Co-organizer and facilitator for the workshop, "Ecosystem dynamics and silvicultural systems in interior wet-belt ESSF and ICH forests," in Prince George, June, 1997.
- Chair of the organizing committee, conference chair, and proceedings editor for the international conference, "Ecology and management of northern forest soils," held in Prince George, BC, June 13-18, 1998.
- Co-chair of the organizing committee, chair, and proceedings editor for the workshop, "Ecology and Management of Paper Birch," UNBC, Prince George, BC, September 19-20, 2001.
- Co-chair of the organizing committee, chair, and proceedings editor for the conference, "Utilization and Marketing of Paper Birch," UNBC, Prince George, BC, September 20-22, 2001.

- Organizer of the "Making best use of ecosystem mapping" workshop, November 8/9, 2005, Prince George, BC. McGregor Model Forest Association.
- Member of organizing team for joint UBC/UNBC forum on "Impacts of mountain pine beetle on ecosystems and communities." November 7, 9-10, 2006, Vancouver and Prince George, BC.

TRAINING COURSE DEVELOPMENT AND DELIVERY

- Co-authored the first draft of the Wildlife/Danger Tree Assessors' Course.
- Delivered the first four pilot sessions of the Wildlife/Danger Tree Assessors' Course.
- Prepared and delivered a Wildlife Tree Management Seminar for the Prince George, Prince Rupert, and Cariboo Forest Regions, BC Ministry of Forests.
- Co-developed the course, "Fundamentals of Vegetation Management."
- Co-developed the course, "Making Effective Reforestation Recommendations."
- Delivered sessions for the course, "Riparian Management Area Guidebook."

SCIENTIFIC PUBLICATIONS (REFEREED)

- Lousier, J. D.** (Guest ed.). 2000. Ecology and management of northern forest soils. For. Ecol Manage. (Special Issue). Proc. Conf., 13-18 June 1998, University of Northern BC, Prince George, BC.
- Lousier, J. D.** and D. Parkinson. 1976. Litter decomposition in a cool temperate deciduous forest. Canadian Journal of Botany 54 (5/6), 419-436.
- Lousier, J. D.** and D. Parkinson. 1978. Chemical element dynamics in decomposing leaf litter. Canadian Journal of Botany 56, 2795-2812.
- Lousier, J. D.** and D. Parkinson. 1979. Organic matter and chemical element dynamics in an aspen woodland soil. Canadian Journal of Forest Research 9 (4), 449-463.
- Lousier, J. D.** and D. Parkinson. 1981. Evaluation of a membrane filter technique to count soil and litter Testacea. Soil Biology and Biochemistry 13, 209-213.
- Lousier, J. D.** and D. Parkinson. 1981. Disappearance of empty tests in soil and litter Testacea (Protozoa, Rhizopoda). Archives fur Protistenkunde 124, 312-336.
- Lousier, J. D.** and D. Parkinson. 1984. Annual population dynamics and production ecology of Testacea (Protozoa, Rhizopoda) in an aspen woodland soil. Soil Biol. Biochem. 16 (2), 103-114.
- Lousier, J. D.** and S. S. Bamforth. 1990. Soil Protozoa. In: "Soil Biology Guide." Edited by D. L. Dindal. Wiley-Interscience, John Wiley & Sons, New York. pp. 97-136.
- Stout, J. D.**, S. S. Bamforth, and J. D. Lousier. 1982. Methods of studying soil Protozoa. In: "Methods of Soil Analysis." Edited by R. H. Miller. Amer. Soc. Agron. Monograph No. 9. pp. 1103-1120.
- Binkley, D. E., **J. D. Lousier**, and K. Cromack, Jr. 1984. Ecosystem effects of Sitka alder in a Douglas-fir plantation. Forest Science 30 (1), 26-35.
- Spiers, G. A., G. E. Nason, **J. D. Lousier**, V. Marshall, E. C. Packee, and D. Gagnon. 1984. Endemic earthworms and nutrient cycling in the Coastal Wet Hemlock Biogeoclimatic Subzone, Vancouver Island. In: "Forest soils and treatment impacts." Edited by E. L. Stone. Proc. 6th North American Forest Soils Conference, University of Tennessee, Knoxville, Tennessee. p. 447
- Spiers, G. A., D. Gagnon, G. E. Nason, E. C. Packee, and **J. D. Lousier**. 1986. Effects and importance of indigenous earthworms on decomposition and nutrient cycling in coastal forest ecosystems. Canadian Journal of Forest Research 16, 983-989.
- Cracknell, P. C. and **J. D. Lousier**. 1988. N₂-fixing microbial complexes in coniferous seedling establishment. In: "Improving forest fertilization decision-making in British Columbia." Edited by J. D. Lousier, H. Brix, R. Brockley, R. Carter and V.G. Marshall. Proc. Forest Fertilization Workshop, 2-3 March 1988, Vancouver, BC BC Ministry of Forests, Victoria, BC p. 293.

- Bernard, D. P., C. L. Murray, **J. D. Lousier**, **J. S. Macdonald**, **N. T. Johnston**, and **D. L. Hogan**. 1994. Stuart-Takla fisheries/forestry interaction project: research design workshop. Fisheries Technical Circular No. 96. Fisheries, BC Ministry of Environment, Lands and Parks, Victoria, BC 58 pp.
- Evans, R. E., **J. D. Lousier**, J. Whetter and H. B. Massicotte. 1998. The effect of controlled snowpack disturbance on soil temperature and carbon dioxide evolution. *In*: Proc. Conf. Ecology and Management of Northern Forest Soils, J.D. Lousier (ed.). 13-18 June 1998, Prince George, BC.

SCIENTIFIC PUBLICATIONS (NON-REFEREED)

- Lousier, J. D.** 1973. Population and community ecology of soil Testacea (Protozoa, Rhizopoda). Proc. 3rd Soil Microcommunities Conf., State Univ. of New York, Syracuse, NY, 15-17 Oct. 1973.
- Lousier, J. D.** 1981. Ecology of *Trinema enchelys* and other testate amoebae (Testacea, Rhizopoda, Protozoa) in a Rocky Mountain aspen forest soil. Proc. 6th North American Forest Biology Workshop, 11-13 August 1980, Edmonton, Alberta.
- Lousier, J. D.** and M. J. Elliott. 1975. Colonization of deciduous leaf litter by testate amoebae (Rhizopoda, Testacea) and bacteria. *In*: "Biodegradation et humification." Ed. by G. Kilbertus, O. Reisinger, A. Mourey and J.A. Cancela de Fonseca. Pierron Editeur, Sarreguemines, France. pp. 98-107.
- Lousier, J. D.**, D. E. Binkley, H. J. Kibbey, P. C. Simonsen, and E. C. Packee. 1981. Biological nitrogen fixation in coastal British Columbia forests. Proc. 6th North American Forest Biology Workshop, 11-13 August 1980, Edmonton, Alberta.
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