

# Diana Abraham

## Contact:

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## Post-Secondary Education

- **M.Sc., Zoology**, University of Western Ontario, London, ON, 1982
- **B.Sc., Biology (Honours)**, Queen's University, Kingston, ON, 1978

## Honours and Awards

- Detwiler Award of Merit for best thesis in Zoology. University of Western Ontario, 1982
- Natural Sciences and Engineering Research Council Scholarship, 1981
- Northern Scientific Training Grant, 1980
- Canadian Wildlife Service University Research Support Fund, 1980
- Ontario Scholar, 1974

## Special Skills/Experience

- *Technical and science writing*: technical and science reports; research proposals; literature reviews; peer-reviewed wildlife papers; on-line and printed system and user manuals for custom software (WebHelp and WinHelp); software design documents; on-line and printed procedural guidelines; workshop proceedings
- *Research*: literature searching (hard copy and online) and review/synthesis; conducting interviews; accessing electronic databases; organizing, analysing, interpreting, and synthesizing information
- *Information Systems*: organizing and formatting data and other information; quality checking data and outputs
- *Documentation*: technical editing, layout and formatting, word processing (MS Word and Corel WordPerfect), slide presentations (MS PowerPoint)
- Solid foundation in fish and wildlife sciences, and ecological principles

## Experience with Computerised Software Tools

- *MS Office Suite*: Word; Excel; PowerPoint; Access; Photo Editor
- *Help Authoring Tools*: RoboHelp; Doc-To-Help; Help Writer's Assistant
- *File Distribution Tools*: MS Outlook Express; FTP Explorer, FileZilla, WS\_FTP95 LE; GoTo Meeting; Skype; Adobe Acrobat (full version); CD and DVD burning and labelling software
- *File Archiving Tools*: SourceGear Vault
- *Software Development Task Tracking*: Bugzilla

## Professional Experience

1995 - present     **Technical Writer and Researcher**, ESSA Technologies Ltd.  
Responsibilities include: ecological and environmental research; writing technical/science content for project reports and review documents; editing and formatting technical content for proposals and project reports; writing user and system documentation (both on-line and printed) for custom software programs; database and information management; beta testing and reporting for custom software applications; managing the corporate project history database; research; project management.

Clients include:

- Environment Canada
- Canadian Wildlife Service
- Parks Canada
- Ontario Ministry of Natural Resources
- Ontario's Living Legacy Trust
- Ontario Parks
- Environmental Information Partnership
- Fisheries and Oceans Canada
- Government of the Northwest Territories
- Government of Nunavut
- BC Ministry of Forests and Range
- The Nature Conservancy
- Trinity River Restoration Program
- USDA Forest Service
- Lake Abitibi Model Forest Inc.
- Forest Ecosystem Science Co-operative Inc.

I have been researching and writing ecological and environmental products for 20 years, with recent experience researching and writing habitat accounts for species at risk in Ontario. Brief descriptions of selected projects follow:

### *Literature Reviews, Information Catalogues and Database Management*

**Habitat Information Summaries for Selected Species at Risk** – *Ontario Ministry of Natural Resources, 2008/2009*: managed these two projects; conducted comprehensive literature reviews and interviews with government and academic experts to gather the best available habitat information for eight species at risk in Ontario (3 reptiles, 3 plants, 2 mammals); accounts were developed based on a template provided by the client, which included sections for distribution and general habitat characteristics, important life processes (e.g. propagation, dispersal, hibernation), mapping and survey methodologies, limiting factors, threats, and knowledge gaps.

**Significant Wildlife Habitat Decision Support System (DSS) Update** – *Ontario Ministry of Natural Resources, 2008/2009*: managed these two projects; conducted research related to wildlife species habitat, development impacts and mitigation options to update and augment existing content in the DSS; researched habitat-related information for 5 species at risk.

**Okanagan Water Balance Database** – *Summit Environmental Consultants Inc., 2008*: provided technical support by assisting project partners with the process of configuring and uploading data to the web-based OkWaterDB using a customized MS Access upload template.

**Database Update and Analysis of Habitat Requirements for Multiple Species at Risk** – *Canadian Wildlife Service, 2007*: conducted research to provide ecoregion-level information on species at risk in support of the development of biodiversity performance standards under the National Agri-Environmental Standards Initiative.

**Opportunities for Managing and Regulating the Incidental Take of Migratory Birds** – *Arbor Vitae Environmental Services Ltd. and Canadian Wildlife Service, 2007*: assisted with the preparation of a report that assesses opportunities for harmonizing existing provincial and territorial land/resource management and enforcement processes across Canada with the regulation of migratory bird incidental take; research efforts focused on the following industrial sectors: forestry, agriculture, mining, oil and gas, commercial fishing, transportation corridors, and electrical generation and transmission.

**Effects of Hydroelectric Development in Northern Manitoba** – *Thompson Dorfman Sweatman, Barristers and Solicitors, 2006*: reviewed available evidence of potential environmental effects of hydro generation projects in northern Manitoba, consisting of over 160 documents and data sources, and integrated relevant information into effects framework detailing the mechanisms through which hydro development has impacted the environment.

**Development of a Decision Support Tool for Canada Goose Management** – *Ontario Ministry of Natural Resources, 2002*: developed Excel templates for importing 300,000 records into a customized Access database; conducted exhaustive quality checking to ensure that the data had been imported correctly; developed detailed step-by-step instructions explaining how to import data from each of five different source to enable OMNR researchers to import subsequent years' data themselves.

**Catalogue of Natural Resources Information for Far Northern Ontario** – *Ontario Ministry of Natural Resources, 1999*: researched and developed electronic catalogue of existing natural resources information about Ontario's far north; wrote summary report that clearly explained methodology used, and wrote synthesis report that characterized the information obtained.

**Review and Synthesis of Cumulative Effects Assessment Literature** – *Moose River Environmental Information Partnership, Ontario Ministry of Natural Resources, and Environment Canada, 1998*: researched literature about

cumulative effects assessment and synthesized it into a comprehensive review of current theory and practice; report was very well received by the participants of the workshop for which it was developed.

**Catalogue of Development Activities in the Moose River Basin – *Moose River Environmental Information Partnership, Ontario Ministry of Natural Resources, 1995-1996***: researched, compiled, and catalogued past, existing, and potential future development activities in the Moose River basin in five topic areas (forestry, fish and wildlife harvest, tourism, mining, and energy); records were developed for the database by way of a thorough literature review, interviews with key resource people in government and industry, and site visits to search office files and libraries for relevant holdings; deliverables included an annotated bibliographic ProCite database, a synthesis report that characterized the information obtained, and a summary report that documented the methodology used.

**State of the Environment Reporting in Canada and the Development of Environmental Indicators – *Canadian International Development Agency, 1996***: researched literature about environmental indicators and Canada's approach to state of environment reporting (SOE); wrote content for oral presentation about SOE in Canada to be presented in Ha Noi for the Viet Nam - Canada Environment Project.

### *Technical Editing*

**Technical Edit for Trinity River Integrated Assessment Plan Report – *Trinity River Restoration Program 2007-2008***: reviewed and edited a multi-disciplinary report featuring input from many different authors; the objective was to tighten the structure and format, and to flag text that needed clarification.

**Technical Edit for the Trinity River Restoration Conceptual Model Workshop Report – *Trinity River Restoration Program, 2009***: reviewed and edited a detailed technical companion report to the Trinity River Integrated Assessment Plan Report, identifying and correcting style and formatting inconsistencies, text that needed clarification, and grammatical and typographic errors.

**State and Transition Models for the spread of invasive plant species in Montana – *The Nature Conservancy, 2005***: technical edit for structure and format, clarity of expression and grammar.

**Review of the Mass-Balance Model Used to Estimate the Number of Niantic River Winter Flounder Larvae Entrained by Millstone Power Station – *Connecticut Department of Environmental Protection, 2002***: edited final report for clarity of expression, grammar, structure and format; ensured that final report, containing material from several sources, was cohesive and complete.

**Review of the Evaluation of Cooling Water System Alternatives to Reduce Entrainment at Millstone Nuclear Power Station – *Connecticut Department of Environmental Protection, 2002***: edited technical content of final report for clarity of expression, grammar, structure and format; ensured integration of material from all sources.

**Review of the Final Environmental Impact Statement for Three Steam Electric Generating Stations on the Hudson River – *New York State Department of Environmental Conservation, 2000***: co-ordinated, compiled, edited, and formatted technical submissions about fish population modeling from multiple sources into a cohesive group of reports; distributed PDF version of the reports to the client from a secure site on the web.

**Review and Assessment of Fisheries Impacts and Cost-Benefit Analyses in a Pollutant Discharge Elimination System Renewal Application – *New Jersey Department of Environmental Protection, 2000***: co-ordinated a major information gathering and reporting exercise for a team of 12 fish population modellers, engineers, and economists; edited the component parts of the final report for clarity, consistency, and grammar; ensured that the completed document formed a cohesive report that clearly told the story.

### *Software Documentation*

**Tutorial for Getting Started with the Path CEA Tool Component of the Landscape Toolbox – *The Nature Conservancy of Idaho (2009)***: designed and wrote a suite of tutorial exercises to assist beginning users of the Path CEA Tool with the process of creating and running landscape management scenarios; lessons included creating component scenarios, building full scenarios, adding properties to scenarios (e.g., treatments and fire history), running simulations, and creating ecological departure reports.

**LiDAR Toolbox Help System** – *USDA Forest Service, 2009*: designed and wrote a step-by-step web-based instructional guide for the toolbox, including a brief "getting started" section, screen captures, and a searchable index.

**Sacramento Ecological Flows Tool** – *The Nature Conservancy, 2008*: designed and wrote a detailed WebHelp system, including descriptions and images of each screen, realistic example scenarios, and a full index, to guide practitioners in the use of this web-based tool.

**Integrated Costs Database Tool for the Collaborative Systemwide Monitoring and Evaluation Project - Columbia Basin Fish and Wildlife Foundation, 2008**: beta-tested the tool and made recommendations for changes to the terminology used on the interface; designed and wrote a detailed WinHelp system, with descriptions and images of each screen, realistic example monitoring programs, and a full index.

**Okanagan Water Balance Database User Guide** – *Summit Environmental Consultants Inc., 2008*: wrote a detailed step-by-step instructional document to help project partners with the task of configuring and uploading data to the OkWaterDB using a customized MS Access upload template.

**Salmon Viability Monitoring Model** – *Columbia Basin Fish & Wildlife Foundation, 2008*: designed and wrote a detailed WebHelp system, with background information, descriptions of each screen, realistic examples, and a full index, to guide practitioners in the use of the tool.

**User Documentation for Moose Harvest Planning System** – *Ontario Ministry of Natural Resources, 1997-2007*: wrote comprehensive on-line user documentation (originally in Help Writer's Assistant, later imported into RoboHelp Office X5), including system description, and a step-by-step on-line procedural guide; periodically update the content to reflect enhancements to the user interface and associated population model.

**On-line Help and User Guide for Prognosis<sup>BC</sup>** – *BC Ministry of Forests and Range, 2006-2009*: content updates for the Prognosis<sup>BC</sup> help system are ongoing; most recently, imported the existing help file into RoboHelp 7 and updated content to reflect enhancements to the user interface and changes to the underlying growth model; also updated the companion tutorial documents originally prepared by the client.

**User Documentation for the Vegetation Dynamics Development Tool** – *USDA Forest Service and Landfire, 2004-2008*: updated and restructured an existing help file by importing it into RoboHelp Office X5; updated existing content to reflect enhancements to the user interface; wrote detailed instructions, with screen captures, for a set of exercises used in an introductory course aimed at new users in the USDA Forest Service; periodically update all these help products as changes are made to the interface.

**On-line Help and User Guide for FVS<sup>Ontario</sup>** – *Ontario Ministry of Natural Resources, 2007*: wrote on-line help and related printed user documentation using RoboHelp Office X5.

**Okanagan Fish/Water Management Tool User Guide** – *Okanagan Nation Alliance, 2006*: updated guidelines for apprentice water managers for both training and in-season management modes of the model; updates reflected changes made to the functionality of the model and to the interface.

**User Documentation for Clear Creek Analysis and Adaptive Management Model** – *US Department of the Interior, Bureau of Reclamation, 2003*: wrote help content for Channel submodel and Decision Analysis components, and assisted with testing of the model.

**User Documentation and Tutorial for Protected Areas Overview Application** – *British Columbia Ministry of Environment, Lands and Parks, 2002*: co-wrote on-line user documentation and assisted with the development of an on-line and printed tutorial exercise.

### *Workshop Proceedings*

**Ecosystem Status and Trends Workshop Proceedings, Great Lakes Ecozone** – *The Nature Conservancy, 2008*: recorded and wrote up proceedings for a 1-day expert workshop in support of developing a technical document for the Ecosystem Status and Trends Report for the Great Lakes (ESTR-GL); the proceedings report included information about Great Lakes ecosystem trends and emerging issues, information gaps, and expert recommendations as to what the ESTR-GL's key messages needed to be.

**Viral Hemorrhagic Septicaemia in the Great Lakes Region – Management and Science Needs Workshop Proceedings** – *Council of Great Lakes Research Managers, International Joint Commission, 2008*: recorded the

proceedings of a 1.5 day multi-jurisdictional workshop and wrote a detailed report with a concise summary suitable for presentation to potential funders.

**Needs Assessment for the Development of a Representation Reporting, Gap Analysis, and Area Profiling Tool – Ontario Parks, 2003:** recorded the proceedings of a one-day needs assessment workshop and synthesized them into a set of functional requirements for the proposed system.

**Effects of Hydroelectric Development in Northern Manitoba – Thompson Dorfman Sweatman, Barristers and Solicitors, 2003:** recorded and wrote proceedings for 2-day workshop that critiqued a draft effects framework detailing the mechanisms through which hydro generation projects have impacted the environment.

**Barren-Ground Caribou Calving Grounds: Proceedings of a Workshop – Canadian Wildlife Service (Yukon), the Institute of Arctic Studies at Dartmouth College (New Hampshire), and the USGS University of Alaska Fairbanks (Alaska), 2001:** recorded, organized and synthesized information about barren-ground caribou presented at a 3-day symposium-style workshop; wrote comprehensive report of proceedings that formed the basis for a subsequent publication in the Environment Canada Technical Report Series (No. 390).

**Proceedings of the Inventory Needs Working Group: Science for Fish Habitat Management Workshop – Ontario Ministry of Natural Resources, 1997:** recorded, organized and synthesized information from the Inventory Needs subgroup; wrote report of proceedings that was ultimately included in a Fisheries and Oceans Canada technical series paper (Can. MS. Rep. Fish. Aquat. Sci. 2439: vi + 36p.).

- 1994 - 1995      **Contract Biologist.** Ontario Ministry of Natural Resources Research, Science & Technology Branch, Maple, Ontario. Responsibilities included:
- researching and compiling a Compendium of current projects about management needs in southern and central Ontario settled landscapes; developing database of contact information for contributors
- 1991 - 1993      **Laboratory Technician.** Biology Department, Lakehead University, Thunder Bay, Ontario. Responsibilities included:
- assisting with the development and administration of a laboratory program in biological and ecological sciences for up to 450 1<sup>st</sup> and 2<sup>nd</sup> year students
  - writing/producing ecology manual each year; co-writing/co-producing biology manuals each term
- 1990 - 1991      **Data Entry Clerk.** Ontario Ministry of Natural Resources, Thunder Bay Regional Office, Thunder Bay, Ontario. Responsibilities included:
- entering and analysing information from weekly Activity Reports by Region's Conservation Officers; writing confidential summary reports for Regional Enforcement Co-ordinator
- 1988 - 1989      **Contract Biologist.** Ontario Ministry of Natural Resources, Cochrane District Office. Responsibilities included:
- re-organizing and analysing large body of data on an experimental drainage project at Wally Creek, Ontario; used Lotus 123 and SAS to enter, manipulate and analyse data; interpreted results and produced written summary
  - conducting a literature review and designing a study to test the necessity/effectiveness of OMNR's timber management guidelines for the protection of fish habitat in Northern Ontario; proposal included background information, recommendations for statistical analysis, cost estimates for the project, and an assessment of potential benefits
  - consolidating information from three separate case studies on timber management for moose habitat into one paper of publication quality

### Selected Reports and Publications

**Abraham, D.** 2009. Habitat accounts for 3 species at risk in Ontario: Blanding's Turtle, Eastern Foxsnake, and Eastern Hog-nosed Snake. 43 pp.

**Abraham, D., D. Robinson and S. Beukema.** 2009. Prognosis<sup>BC</sup> User Guide, Version 4.0. Prepared for the BC Ministry of Forests and Range. 95 pp.

- Frid, L., D. Abraham and C. Daniel. 2009.** Tutorial for Getting Started with the Path CEA Tool Component of the Landscape Toolbox. Prepared by ESSA Technologies Ltd. and Apex Resource Management Solutions. Prepared for The Nature Conservancy of Idaho. 29 pp.
- Abraham, D. 2008.** Habitat accounts for 5 species at risk in Ontario: Easter Cougar, American Badger, False Hop Sedge, Juniper Sedge, and Bird's-foot Violet. 48 pp.
- Abraham, D. 2008.** Habitat accounts for 5 species at risk in Ontario: Peregrine Falcon, King Rail, Bird's-foot Violet, False Hop Sedge, and Juniper Sedge. 16 pp.
- Abraham, D., L. Greig, and S. Gesner. 2008.** Ecosystem Status and Trends – Great Lakes Chapter. Scoping Workshop Report. Prepared for Nature Conservancy of Canada – Ontario Region, Guelph. Prepared by ESSA Technologies, Richmond Hill, Ontario.
- Abraham, D. and L. Greig. 2008.** Viral Hemorrhagic Septicaemia in the Great Lakes Region – Management and Science Needs Workshop Proceedings. Prepared for the International Joint Commission, Great Lakes Regional Office, Windsor. Prepared by ESSA Technologies, Richmond Hill, Ontario. 9 pp.
- Abraham, D. and C. Alexander. 2008.** The Okanagan Water Database Version 1.0 User Guide. Prepared for the Okanagan Basin Water Board, Coldstream, BC. 20 pp.
- ESSA Technologies Ltd. 2008.** Vegetation Dynamics Development Tool User Guide, Version 6.0. Prepared for the USDA Forest Service. 86 pp.
- ESSA Technologies Ltd. 2007.** NAESI Biodiversity Standards: Database Update and Analysis of Habitat Requirements (draft). Prepared for the Habitat Conservation Division, Canadian Wildlife Service.
- ESSA Technologies Ltd. 2007.** FVS<sup>Ontario</sup> User Guide, Version 3.0. Prepared for the Ontario Ministry of Natural Resources. 70 pp.
- Greig, L., D. Abraham and P. Duinker. 2006.** Draft Effects Framework for the Post-Project Environmental Review of a Major Hydro-Electric Development. Prepared for Thompson Dorfman Sweatman, Barristers and Solicitors, Winnipeg, MN. 286 pp + app.
- Greig, L., D. Marmorek and D. Abraham. 2004.** Lake Erie Yellow Perch and Walleye Management and Objectives Workshop Proceedings. Prepared by ESSA Technologies Ltd., Richmond Hill and Vancouver, for the University of Guelph DAAM Project, University of Guelph, Guelph, Ontario.
- ESSA Technologies Ltd. 2002.** Assistance with the Evaluation of a National Pollutant Discharge Elimination System (NPDES) Permit Application for Dominion Nuclear Connecticut's Millstone Power Station: Review of the Evaluation of Cooling Water System Alternatives to Reduce Entrainment at Millstone Nuclear Power Station. Prepared by ESSA Technologies Ltd., Vancouver, BC for the Connecticut Department of Environmental Protection, Hartford, CT. 26 pp. + appendices
- Murray, C.L., D. Abraham and C.J. Daniel. 2002.** Protected Areas Overview Application, Version 2.0: User's Guide. Prepared by ESSA Technologies Ltd., Vancouver, BC for the British Columbia Ministry of Environment, Lands and Parks. 15 pp.
- Abraham, D. 2001.** Barren-Ground Caribou Calving Grounds Workshop, University of British Columbia, Nov 18-20, 2001: Report of Proceedings. Prepared by ESSA Technologies Ltd., Ottawa, ON for the Canadian Wildlife Service (Yukon), the Institute of Arctic Studies at Dartmouth College (New Hampshire), and the USGS University of Alaska Fairbanks (Alaska). 34 pp.
- ESSA Technologies Ltd. 2001.** Interim Report on the Preparation of a Catalogue of Reports Relevant to Article 6 Hypotheses of Effect. Prepared by Diana M. Abraham and Lorne A. Greig, ESSA Technologies Ltd., Richmond Hill, Ontario for Thompson, Dorfman, Sweatman, Barristers & Solicitors, Winnipeg, Manitoba. 267 pp.
- ESSA Technologies Ltd. 2000.** Final Review of the Environmental Impact Statement for SPDES Permits for Bowline Point 1 & 2, Indian Point 2 & 3, and Roseton 1 & 2 Steam Electric Generating Stations. A Report to the Parties to the Application. Prepared by ESSA Technologies Ltd., Richmond Hill, ON, for NYSDEC, Albany, NY. 31 pp. + appendices.
- ESSA Technologies Ltd. 2000.** Review of portions of New Jersey pollutant discharge elimination system (NJPDES) renewal application for the Public Service Electric & Gas' (PSE&G) Salem Generating Station. Prepared by ESSA Technologies Ltd., Richmond Hill, ON for Division of Water Quality, Bureau of Point Source Permitting - Region II, New Jersey Department of Environmental Protection, Trenton, NJ. 159 pp.

- Abraham, D.M. and C.J. Daniel.** 2000. Stand-level Adaptive Management for Boreal Mixedwoods in Ontario - Proceedings of a Design Workshop. Prepared by ESSA Technologies Ltd., Richmond Hill, ON for the Lake Abitibi Model Forest, Cochrane, ON. 14 pp.
- Abraham, D.M.** 2000. A Guide to Using Vital Rates Analysis Program. Prepared by ESSA Technologies Ltd., Richmond Hill, ON for the Government of Nunavut, Department of Sustainable Development, Iqaluit, Nunavut. 26 pp.
- Abraham, D.M. and M. Kuc.** 2000. User's Guide - Empirical Stream Ranking System (Version 1.0). Prepared for the Great Lakes Fishery Commission, Ann Arbor, Michigan. DRAFT.
- Daniel, C.J. , D. Abraham, J. Opadeyi and APA Inc.** 2000. Coastal Resource Information System: System Requirements Report. Prepared by ESSA Technologies Ltd. and Centre for Geospatial Studies, University of the West Indies, in association with Alleyne Planning Associates Inc., Barbados, for the Regional Project Implementation Unit, Caribbean Planning for Adaptation to Climate Change, Barbados, 25 pp.
- Abraham, D.M.** 1999. Summary Report on the Preparation of a Catalogue of Natural Resources Information for Far Northern Ontario. Prepared by ESSA Technologies Ltd., Richmond Hill, ON for the Forest Ecosystem Science Co-operative Inc., Thunder Bay, ON and the Ontario Ministry of Natural Resources, South Porcupine, ON. 22 pp. + appendices
- Abraham, D.M. and K. Pawley.** 1999. Catalogue of Natural Resources Information for Far Northern Ontario - Synthesis Report. Prepared by ESSA Technologies Ltd., Richmond Hill, ON for the Forest Ecosystem Science Co-operative Inc., Thunder Bay, ON and the Ontario Ministry of Natural Resources, South Porcupine, ON. 34 pp.
- Abraham, D.M.** 1998. Cumulative Effects Assessment in the Moose River Basin - Literature Review. Prepared for the Moose River Environmental Information Partnership, South Porcupine, Ontario. Prepared by ESSA Technologies Ltd., Richmond Hill, Ontario. 62 pp.
- Abraham, D.M. and L.A. Greig.** 1997. Standard Departmental Procedures for Screening the Environmental Effects of Lamprey Barriers. Prepared by ESSA Technologies Ltd. for the Department of Fisheries and Oceans, Ontario Region and the Great Lakes Fishery Commission, Ann Arbor, Michigan. 94 pp.
- Abraham, D.M. and L.A. Greig.** 1997. Habitat management operating procedures for the Central and Arctic Region, Department of Fisheries and Oceans. Prepared by ESSA Technologies Ltd., Richmond Hill, ON for the Department of Fisheries and Oceans, Central and Arctic Region Freshwater Institute, Winnipeg, Manitoba.
- Abraham, D.M. and M. Kuc.** 1997. RISKMAN Version 2.0. User Manual. Prepared by ESSA Technologies Ltd. for the Ontario Ministry of Natural Resources and the Northwest Territories Department of Resources, Wildlife and Economic Development. 28 pp.
- Abraham, D.M. and J. D. Meisner.** 1996. State of the Environment Reporting in Canada and the Development of Environmental Indicators. Paper prepared for presentation in Ha Noi for the Viet Nam - Canada Environment Project. ESSA Technologies Ltd. 22 pp.
- Abraham, D.M., L. Sully and C.J. Daniel.** 1996. Catalogue of Development Activities in the Moose River Basin. Prepared by ESSA Technologies Ltd. for the Environmental Information Partnership and the Ontario Ministry of Natural Resources, Cochrane. 50 pp.
- Abraham, D.M. and C.J. Daniel.** 1996. Planned and Potential Future Development Activities in the Moose River Basin. Prepared by ESSA Technologies Ltd. for the Environmental Information Partnership and the Ontario Ministry of Natural Resources, Cochrane. 94 pp. + appendix document