

CV – Dr. Peter J. Tschaplinski

I have researched the effects of forestry practices on aquatic communities and fish throughout coastal BC for more than 25 years, and have led the multi-agency and multi-disciplinary Carnation Creek Experimental Watershed project since 1995. Until my recent transfer to the Aquatic Ecosystems Conservation Science Section of the BC Ministry of Environment, I was a senior Research Scientist and Watershed Research Program Manager in the Research Branch of the BC Ministry of Forests. In these capacities, I have a long history of managing large scale projects pertaining to watersheds, aquatic ecosystems, and fish habitat and biology as listed below. My job functions in the Ministry of Environment remain unchanged.

Primary Job Function: To identify relevant fish habitat and watershed research and information needs and undertake research and consultation to support policy development, help solve operational problems, and foster good resource stewardship by improving the effectiveness and efficiency of fish habitat and aquatic resource management.

- Manages the provincial fish habitat and watershed processes research programs for the Ministry
- Conducts research and provides advice as the provincial expert on fish populations and fish habitat biology
- Plans, designs, organizes, implements, commits resources, and evaluates all aspects of the fish habitat research program including scientific and technical projects
- Participates in provincial fish-forestry research strategy sessions
- Serves on technical advisory committees that determine priorities for research and extension strategies in the area of fish-forestry interactions, watershed bio-physical processes, fish habitat, and aquatic ecology
- Consults with ministry and industry personnel, with provincial and federal fisheries agencies, and as necessary with specialists from other organizations to develop the fish habitat biology research program
- Prepares literature review and problem analysis when a comprehensive assessment of research needs is required, and carries out exploratory research studies to clarify problems
- Prepares research workplans and sets work standards and priorities for assistant staff, contractors, and students, and organizes and evaluates their work
- Prepares and manages budgets, contracts, and staff for research projects
- Collects compiles, analyzes, and interprets fish and aquatic habitat research data
- Prepares and presents reports of findings and results of fish habitat and fish-forestry research projects
- Trains and instructs personnel from the ministry, other government agencies, the forest industry, and consultants in research findings related to fish-forestry interaction issues
- Provides scientific and technical advice to Ministry staff including regional research hydrologists, geomorphologists, and fisheries biologists

Full Name	Dr. Peter John Tschaplinski, P.Ag.
Position	Research Scientist, Fish-Forestry Interactions and Watershed Research
Organisation	Ecosystem Protection and Sustainability Branch, BC Ministry of Environment
Department	Aquatic Ecosystems Conservation Science
Address	PO Box 9338 Stn Prov Govt, Victoria, BC V8W 9M1

Telephone	(250) 387-8082		
Degree	Ph.D.		
College, University or Institution	Subject		Year Graduated
Ph.D., University of Victoria	Marine Ecology – Fisheries		1987
M.Sc., Carleton University, Ottawa	Vertebrate Ecology		1978
B.Sc., Honours, Carleton University, Ottawa	Biology		1975
Related Work Experience			
Position Held	Dates	Department	Organisation
Fisheries Biologist	1981 – 1983	N/A	Independent Consultant
Research Scientist – Coho Salmon Program Head	1983 – 1984	Pacific Biological Station, Nanaimo, BC	Biological Sciences Branch, Department of Fisheries and Oceans
Senior Research Scientist – Salmon Enhancement Assessment Unit (Contract)	1988 – 1992	for the Pacific Biological Station, Nanaimo, BC	Biological Sciences Branch, Department of Fisheries and Oceans
Research Scientist – Fish Habitat Biology	1992 – 2000	Fish-Forestry Interactions and Watershed Research Program	Ecology and Earth Sciences Section, Research Branch, BC Ministry of Forests, Victoria
A/Manager, Fish-Forestry Interactions and Watershed Research Program	2000 – 2003	Ecology and Earth Sciences Section	Research Branch, BC Ministry of Forests, Victoria
Manager, Watershed Research Program	2003–2010	Ecology and Earth Sciences Section	Research Branch, BC MFR, Victoria
Research Scientist, Fish and Aquatic Ecology	2010-present	Aquatic Ecosystems Conservation Science	Ecosystem Protection and Sustainability Branch, BC Ministry of Environment
Relevant work-related accomplishments			
<p>Major Projects Conducted, Managed or Served as Key Team Member:</p> <ul style="list-style-type: none"> Provincial Team Leader: Fish-Riparian Resource Value Team for the Forest and Range Practices Act (FRPA) Effectiveness Evaluation Program and Ministry of Forests Resource Stewardship Monitoring Program (2003 – present). Development of Field Indicators and Methods for Riparian, Aquatic, Fish Habitat Values for use by government agencies to monitor the effectiveness of riparian management standards under the Forest Practices Code and FRPA. (Categorical and quantitative field indicators and methods for the assessment of the condition of aquatic/riparian ecosystems and evaluation of the effects of forestry practices on these ecosystems.) Carnation Creek Fish-Forestry Interaction Project. 1995–present. Forest Renewal BC (FRBC) and Forest Investment Account-funded multi-disciplinary research project. This is a long-term, intensive case study of a coastal BC watershed. Stuart-Takla Fisheries-Forestry Interaction Project: The effects of forest harvesting on stream 			

channel geomorphology and adult sockeye salmon abundance, distribution, and habitat. 1996 – 2001. FRBC-funded research project. This was a multi-watershed, controlled experimental study in the BC interior.

- Queen Charlotte Islands Fish-Forestry Interaction Program (FFIP): Conducted component studies: (1) overwinter migrations and survival of juvenile salmonids in Queen Charlotte Islands streams and Carnation Creek (1993 - 1995) and (2) River Otter predation on juvenile salmonids in winter in the Queen Charlotte Islands (1993 – 1995). Research projects funded by FFIP and FRDA II.
- Henderson Lake Sockeye Salmon 1987 – 2000: Long-term studies of the abundance, distribution, and spawning ecology of adult sockeye salmon, and the effects of forest harvesting on sockeye habitats. Ministry of Forests and Department of Fisheries and Oceans Canada-funded research project.
- Assessment of the Condition of Small Fish-Bearing Streams in the Central-Interior Plateau of British Columbia in Response to Riparian Practices Implemented Under the British Columbia Forest Practices Code (co-managed with S. Chatwin) (2000 – 2001).
- Forests for Tomorrow: Riparian Restoration Effectiveness Evaluation Working Group
- Mountain Pine Beetle Stewardship Research Strategy
- Riparian Areas Regulation Technical Working Group
- FRPA Temperature Sensitive Streams Technical Working Group
- FRPA Fisheries Sensitive Watersheds Technical Working Group
- Fish Passage Technical Working Group

Forest Management Documents Authored:

- Province of British Columbia. 1995. Fish-stream Identification Guidebook. Forest Practices Code of British Columbia. Ministry of Forests and Ministry of Environment, Lands and Parks. July 1995. 39 p. (Principal author.)
- Province of British Columbia. 1998. Fish-stream Identification Guidebook. Second Edition. Forest Practices Code of British Columbia. Ministry of Forests and Ministry of Environment, Lands and Parks, Province of British Columbia. August 1998. 70 p. (Principal author)
- A Framework for Local Area Agreements for the Purpose of Fish-stream Identification Pursuant to the Forest Practices Code – 1999 (Co-author). Adjunct to the Fish-stream Identification Guidebook.
- **Tschaplinski, P. J.** 2008. Chapter 7 Forest and Range Practices, Section 7.7 Fish. pp. 7-20 – 7-23. In Forest legislation and policy reference guide 2008. Association of BC Forest Professionals, Victoria British Columbia.
- **Tschaplinski, P. J.** 2009. Chapter 7 Forest and Range Practices, Section 7.7 Fish. pp. 7-20 – 7-23. In Forest legislation and policy reference guide 2008. Association of BC Forest Professionals, Victoria British Columbia.

Relevant Workshops:

- International Symposium and Experts Workshop on Small Stream Channels and their Riparian Zones – February 2002, University of British Columbia. Member of organizing committee and Aquatic biology Theme Co-Leader.

- Carnation Creek and Queen Charlotte Islands Fishery Forestry Workshop, 10-14 May 1994. Queen Charlotte City, BC. (Co-editor of published proceedings, see below.)
- Future Forest Ecosystems Workshop Vulnerability Assessment: Watershed Processes Working Session: October 8th, 2008, Cranbrook, BC.

Presentation:

Tschaplinski, P. J. 2008. Summary of Climate Change Effects on Aquatic Communities and Fish. Presentation to the FFEI Watershed processes working session, 20 participants. Oct 8, 2008. Cranbrook, BC.

- Future Forest Ecosystems Multi-Disciplinary Vulnerability Assessment Workshop: November 25, 2008. Victoria, BC

Presentation:

Tschaplinski, P. J. 2008. Climate Change, Aquatic Communities and Fish. Presentation to the FFEI Provincial Vulnerability Assessment Workshop, 35 participants. Nov 25, 2008. Victoria, BC

Theses:

Tschaplinski, P. J. 1987. Comparative ecology of stream-dwelling and estuarine juvenile coho salmon (*Oncorhynchus kisutch*) in Carnation Creek, Vancouver Island, British Columbia. Ph.D. Thesis. University of Victoria, Victoria, BC. xviii + 527 p.

Tschaplinski, P. J. 1978. Toxicity and metabolism of fenitrothion in Red-Backed Voles, *Clethrionomys gapperi* (Rodentia: Cricetidae). M.Sc. Thesis. Carleton University, Ottawa, Ontario. ix + 215 p.

Tschaplinski, P. J. 1975. A study of the autumn and winter biomass, energy, and activity relations of the invertebrate macrofauna in the litter layer in coniferous and deciduous woods. B.Sc. Honours Thesis. Carleton University, Ottawa, Ontario. 45 p.

Publications:

Baillie, S., B. Patten, J. Till, K. Simpson, W. Luedke, and **P. Tschaplinski**. 1999. Assessment of coho stocks on the west coast of Vancouver Island, 1998. Canadian Stock Assessment Secretariat Research Document 99/166. Canada Department of Fisheries and Oceans. 43 p.

Chatwin, S., **P. Tschaplinski**, G. Mckinnon, N. Winfield, H. Goldberg, and R. Scherer. 2001. Assessment of the condition of small fish-bearing streams in the central interior plateau of British Columbia in response to riparian practices implemented under the Forest Practices Code. Ministry of Forests Research Program, Working Paper 61: vii + 49 p.

Dobson, D., K. Simpson, J. Till, R. Ferguson, S. Lehmann, **P. Tschaplinski**, and S. Baillie. 2000. Status in 1999 of coho stocks on the west coast of Vancouver Island. PSARC Working Paper S00-19: 55p.

Hogan, D. L., **P. J. Tschaplinski**, and S. Chatwin (Editors). 1998. Carnation Creek and Queen Charlotte Islands fish/forestry workshop: Applying 20 years of coastal research to management solutions. BC Ministry of Forests, Research Branch, Victoria, BC. Land Management Handbook No. 41: 275 p.

Johnston, N. T., J. S. Macdonald, K. J. Hall, and **P. J. Tschaplinski**. 1997. A preliminary study of the role of sockeye salmon (*Oncorhynchus nerka*) carcasses as carbon and nitrogen sources for benthic insects and fishes in the early Stuart stock spawning streams, 1050 km from the Pacific Ocean. BC Ministry of Environment, Lands and Parks, Fisheries Branch. Fisheries Project Report No. RD-55. 24 p.

- Johnston, N. T., E. A. MacIsaac, **P. J. Tschaplinski**, and K. J. Hall. 2004. Effects of the abundance of spawning sockeye salmon (*Oncorhynchus nerka*) on nutrients and algal biomass in forested streams. *Can. J. Fish. Aquat. Sci.* 61: 384 - 403.
- Krauskopf, P. N., J. F. Rex, D. A. Maloney, and **P. J. Tschaplinski**. 2010. Water temperature and shade response to salvage harvesting in Mountain Pine Beetle affected small streams in the central interior of British Columbia. *Streamline Watershed management Bulletin* 13(2): 17 – 22.
- Nordin, L. J., J. F. Rex, D. A. Maloney, and **P. J. Tschaplinski**. 2008. Standardized approaches in effectiveness monitoring programs and regional relevance: lessons from the Bowron River watershed riparian evaluation project. *Canadian Journal of Forest Research* 38: 3139 – 3150.
- Nordin, L., D. Maloney, J. Rex, P. Krauskopf, **P. Tschaplinski** and D. Hogan. 2008. The Bowron River Watershed: A Landscape Level Assessment of Post- Beetle Change in Stream Riparian Function. Mountain Pine Beetle Working Paper 2008-22 Ministry of Forests & Range, Northern Interior Forest Region, Prince George, BC. MPBI Project # 7.03. 35 p.
- Pike, R.G., D.L. Spittlehouse, K.E. Bennett, V.N. Egginton, **P.J. Tschaplinski**, T. Q. Murdock, and A.T. Werner. 2008. A summary of climate change effects on watershed hydrology. B.C. Ministry of Forests and Range, Research Branch Victoria, B.C. Extension Note 87. 4 p.
- Pike, R.G., D.L. Spittlehouse, K.E. Bennett, V.N. Egginton, **P.J. Tschaplinski**, T.Q. Murdock, and A.T. Werner. 2008. Climate Change and Watershed Hydrology: Part I – Recent and Projected Changes in British Columbia. *Streamline Watershed Management Bulletin* Vol. 11/No. 2 Spring 2008: 1 – 8.
- Pike, R.G., D.L. Spittlehouse, K.E. Bennett, V.N. Egginton, **P.J. Tschaplinski**, T.Q. Murdock, and A.T. Werner. 2008. Climate Change and Watershed Hydrology: Part II – Hydrologic Implications for British Columbia. *Streamline Watershed Management Bulletin* Vol. 11/No. 2 Spring 2008: 8 – 13.
- Pike, R. G. K. E. Bennett, T. E. Redding, A. T. Werner, D. L. Spittlehouse, R. D. Moore, T. Q. Murdock, J. Beckers, B. D. Smerdon, K. D. Bladon, V. N. Foord, D. A. Campbell, and **P. J. Tschaplinski**. 2010. Chapter 19 – Climate change effects on watershed processes in British Columbia. pp. 696 – 747. In *Compendium of forest hydrology and geomorphology in British Columbia*. Edited by R. G. Pike, T. E. Redding, R. D. Moore, R. D. Winkler, and K. D. Bladon. *Land Management Handbook* No. 66, Vol. 2 of 2. 805 p.
- Province of British Columbia. 2005. Protocol for 2005 Resource Stewardship Monitoring: Steps for the selection of sites under riparian-fish and stand-level biodiversity resource stewardship monitoring. Prepared by W. Bergerud, **P. Tschaplinski**, and P. Bradford. FRPA Resource Evaluation Program. B.C. Min. For., B.C. Min. Water, Land and Air Protect., and B.C. Min. Sustain. Resour. Manage., Victoria, BC.
- Rex, J.F., P. Krauskopf, D.A. Maloney, and **P.J. Tschaplinski**. 2009a. Mountain pine beetle and salvage harvesting: small stream and riparian zone response in the Sub-Boreal Spruce zone. B.C. Min. For. Range, For. Sci. Prog., Victoria, B.C. Extension Note 90. 6 p.
www.for.gov.bc.ca/hfd/pubs/Docs/En/En90.htm
- Rex, J.F., P. Krauskopf, D.A. Maloney, and **P.J. Tschaplinski**. 2009b. Mountain pine beetle and salvage harvesting influence on small stream riparian zones. Mountain Pine Beetle Working Paper 2009-17. Natural Resources Canada, Canadian Forest Service, Pacific Forestry Centre, Victoria, BC. vi + 48 p.
- Scrivener, J. C., **P. J. Tschaplinski**, and J. S. Macdonald. 1998. An introduction to the ecological

- complexity of salmonid life history strategies and of forest harvesting impacts in coastal British Columbia. In Carnation Creek and Queen Charlotte Islands fish/forestry workshop: Applying 20 years of coastal research to management solutions. D. L. Hogan, P.J. Tschaplinski, and S. Chatwin (editors). BC Ministry of Forests, Research Branch, Victoria, BC. Land Management Handbook No. 41: pp. 23 - 28.
- Tripp, D. B., **P. J. Tschaplinski**, S. A. Bird and D. L. Hogan. 2005. Protocol for evaluating the condition of streams and riparian management areas. FRPA Resource Evaluation Program, BC Min. For. and BC Min. Water, Land and Air Protection. Victoria, BC. 53 p.
- Tripp, D. B., **P. J. Tschaplinski**, S. A. Bird, and D. L. Hogan. 2006. Protocol for evaluating the condition of streams and riparian management areas (Routine riparian management effectiveness evaluation). Version 2.0. FRPA Effectiveness Evaluation Program. B.C. Min. For. and B.C. Min. Env. Victoria, B.C. 70 p.
- Tripp, D. B., **P. J. Tschaplinski**, S. A. Bird, and D. L. Hogan. 2006. Field supplement to evaluating the condition of streams and riparian management areas (Routine riparian management effectiveness evaluation). Forest and Range Evaluation Program. B.C. Min. For. and B.C. Min. Env. Victoria, B.C. 28 p.
- Tripp, D. B., **P. J. Tschaplinski**, S. A. Bird, and D. L. Hogan. 2007. Protocol for evaluating the condition of streams and riparian management areas (Routine riparian management effectiveness evaluation). Version 3.0. FRPA Effectiveness Evaluation Program. B.C. Min. For. and B.C. Min. Water, Land and Air Protection. Victoria, B.C. 72 p.
- Tripp, D. B., **P. J. Tschaplinski**, S. A. Bird, and D. L. Hogan. 2007. Field supplement to evaluating the condition of streams and riparian management areas (Routine riparian management effectiveness evaluation). Version 2.0. Forest and Range Evaluation Program. B.C. Min. For. and B.C. Min. Water, Land and Air Protection. Victoria, B.C. 30 p.
- Tripp, D.B., **P.J. Tschaplinski**, S.A. Bird and D.L. Hogan. 2008. Protocol for evaluating the condition of streams and riparian management areas (Riparian management routine effectiveness evaluation). Version 4.0. Forest and Range Evaluation Program, B.C. Min. For. Range and B.C. Min. Env., Victoria, BC. 106 p.
- Tripp, D.B., **P.J. Tschaplinski**, S.A. Bird and D.L. Hogan. 2008. Field supplement to evaluating the condition of streams and riparian management areas (Riparian management routine effectiveness evaluation). Version 2.0. Forest and Range Evaluation Program, B.C. Min. For. Range, Victoria, B.C. 43 p.
- Tripp, D.B., **P.J. Tschaplinski**, S.A. Bird and D.L. Hogan. 2009. Protocol for evaluating the condition of streams and riparian management areas (Riparian management routine effectiveness evaluation). Version 5.0. Forest and Range Evaluation Program, B.C. Min. For. Range and B.C. Min. Env., Victoria, BC. 111 p.
- Tripp, D.B., **P.J. Tschaplinski**, S.A. Bird and D.L. Hogan. 2009. Field supplement to evaluating the condition of streams and riparian management areas (Riparian management routine effectiveness evaluation). Version 3.0. Forest and Range Evaluation Program, B.C. Min. For. Range, Victoria, B.C. 43 p.
- Tschaplinski, P. J.** and D. R. Gardiner. 1981. Metabolism of fenitrothion in Red-backed Voles (*Clethrionomys gapperi*). Pesticide Biochemistry and Physiology 16: 47 - 62.
- Tschaplinski, P. J.** and G. F. Hartman. 1983. Winter distribution of juvenile coho salmon (*Oncorhynchus kisutch*) before and after logging in Carnation Creek, British Columbia, and some implications for overwinter survival. Can J. Fish. Aquat. Sci. 40: 452 - 461.

- Tschaplinski, P. J.** 1982a. Winter distribution of juvenile coho salmon (*Oncorhynchus kisutch*) in Carnation Creek and some implications to overwinter survival. In Proceedings of the Carnation Creek workshop, A 10-year review. 24 - 26 February 1982. Edited by G. F. Hartman. Pacific Biological Station, Nanaimo, B.C. pp. 273 - 288.
- Tschaplinski, P. J.** 1982b. Aspects of the population biology of estuary-reared and stream-reared juvenile coho salmon in Carnation Creek: A summary of current research. In Proceedings of the Carnation Creek workshop, A 10-year review. 24 -26 February 1982. Edited by G. F. Hartman. Pacific Biological Station, Nanaimo, B.C. pp. 289 - 307.
- Tschaplinski, P. J.** 1988. The use of estuaries as rearing habitats by juvenile coho salmon. In Proceedings of a workshop. Applying 15 years of Carnation Creek results. pp. 123 - 142. Edited by Tom Chamberlin. Fisheries Branch. British Columbia Ministry of Environment, Lands, and Parks. 239 p.
- Tschaplinski, P. J.** 1994a. The abundance and distribution of adult sockeye salmon relative to physical habitat characteristics in streams tributary to Takla Lake and the Middle River of north-central British Columbia. In Proceedings of the Takla Fishery/Forestry Workshop, April 1, 1993, Prince George BC. Edited by J. S. Macdonald. Can. Tech. Rep. Fish. Aquat. Sci. 2007: pp. 69 - 99.
- Tschaplinski, P.** 1994b. Effects of roads on freshwater fish habitats and fish production. In Moore, G. Resource Road Rehabilitation Handbook: Planning and Implementation Guidelines (Interim methods). Min. Environ., Lands and Parks and Min. For., Watershed Restoration Program, Watershed Restoration Technical Circular 3: Appendix C.
- Tschaplinski, P. J.** 1998a. The abundance, distribution, and habitat preferences of adult sockeye salmon in streams tributary to Takla Lake and the Middle River of Central British Columbia. Pages 295-311 In M.K. Brewin and D.M.K. Monita, tech. coords. Forest-fish conference: land management practices affecting aquatic ecosystems. Proc. Forest-Fish Conf., May 1-4, 1996, Calgary, Alberta. Nat. Resour. Can., Can. For. Serv., North. For. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-356.
- Tschaplinski, P. J.** 1998b. A summary of the effects of forest harvesting, fishing, and environmental shifts on salmonid populations of Carnation Creek, Vancouver Island, British Columbia. Pages 361-388. In M.K. Brewin and D.M.K. Monita, tech. coords. Forest-fish conference: land management practices affecting aquatic ecosystems. Proc. Forest-Fish Conf., May 1-4, 1996, Calgary, Alberta. Nat. Resour. Can., Can. For. Serv., North. For. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-356.
- Tschaplinski, P. J.** 2000. The effects of forest harvesting, fishing, climate variation, and ocean conditions on salmonid populations of Carnation Creek, Vancouver Island, British Columbia. Chapter 19, pp. 297 - 327. In Sustainable fisheries management: Pacific salmon. Edited by E. E. Knudsen, C. R. Steward, D. D. MacDonald, J. E. Williams, and D. W. Reiser. CRC Press, Boca Raton, FL and New York, NY. 724 p.
- Tschaplinski, P. J.** 2010. Watershed research summary: Carnation Creek Watershed Experiment. Streamline Watershed Management Bulletin 14(1): 9 p.
- Tschaplinski, P. J.** 2010. State of stream channels, fish habitats, and their adjacent riparian areas – Resource Stewardship Monitoring to evaluate the effectiveness of riparian management, 2005 – 2008. FREP Report No. 27 In Press. Forest and Range Evaluation Program, B.C. Min. For. Mines and Lands. 75 p.

- Tschaplinski, P. J.** 2011. State of stream channels, fish habitats, and adjacent riparian areas: Resource Stewardship Monitoring to evaluate the effectiveness of riparian management, 2005–2008. FREP Extension Note No. 17. Forest and Range Evaluation Program, B.C. Min. For. Mines and Lands. 8 p.
- Tschaplinski, P.** and K. Brownie. 2010. Forest and Range Evaluation Program riparian protocol – Why these indicators? Forest and Range Evaluation Program Extension Note No. 9. Ministry of Forests and Range, Victoria, BC. 6 p.
- Tschaplinski, P. J.** and R. G. Pike. 2010. Chapter 15. Riparian management and effects on function. pp. 497 – 525. In Compendium of forest hydrology and geomorphology in British Columbia. Edited by R. G. Pike, T. E. Redding, R. D. Moore, R. D. Winkler, and K. D. Bladon. Land Management Handbook No. 66, Vol. 2 of 2. 805 p.
- Tschaplinski, P. J.,** D. L. Hogan, and G. F. Hartman. 2004. Fish-forestry interaction research in coastal British Columbia: The Carnation Creek and Queen Charlotte Islands studies. In Fishes and Forestry: Worldwide Watershed Interactions and Management. Chapter 18. pp. 389 – 412. Edited by G. F. Hartman and T. G. Northcote. Blackwell Press, London, U.K. 789 p.
- Tschaplinski, P. J.** and K. D. Hyatt. 1990. Abundance, migration timing, and biological characteristics of sockeye salmon (*Oncorhynchus nerka*) returning to Henderson Lake, Vancouver Island during 1988. Can. Tech. Rep. Fish. Aquat. Sci. 1758: iv + 82 p.
- Tschaplinski, P. J.** and K. D. Hyatt. 1991. A comparison of population assessment methods employed to estimate the abundance of sockeye salmon (*Oncorhynchus nerka*) returning to Henderson Lake, Vancouver Island during 1989. Can. Tech. Rep. Fish. Aquat. Sci. 1798: 103 p.
- Tschaplinski, P. J.,** J. C. Scrivener, and L. B. Holtby. 1998. Long-term patterns in the abundance of Carnation Creek salmon, and the effects of logging, climate variation, and fishing on adult returns. In Carnation Creek and Queen Charlotte Islands fish/forestry workshop: Applying 20 years of coastal research to management solutions. Edited by D. L. Hogan, P.J. Tschaplinski, and S. Chatwin. BC Ministry of Forests, Research Branch, Victoria, BC. Land Management Handbook No. 41: pp. 155-180.
- Research Reports:**
- Balke, J. M. E. and P. J. Tschaplinski. 1995. River otter predation on juvenile salmonids in winter: Preliminary report of river otter scat collection and diet analysis in the Queen Charlotte Islands. Fish Forestry Interaction Program. Ministry of Forests, Research Branch Internal Report. 110 p.
- Tschaplinski, P. J. 1988. Comparison of analytical procedures for the allocation of catch among sockeye salmon (*Oncorhynchus nerka* Walbaum) stocks in the Barkley Sound Commercial Net Fishery, 1980 - 1987. DFO Internal Report, Pacific Biological Station, Nanaimo. 82 p.
- Tschaplinski, P. J. 1989. Variability in diel patterns of sockeye salmon (*Oncorhynchus nerka* Walbaum) migration at enumeration sites in the Somass River system. DFO Internal Report, Pacific Biological Station, Nanaimo. 36 p.
- Tschaplinski, P. J. and D. L. Hogan. 2003. Riparian effectiveness Evaluations. Ministry of Forests, Research Branch draft report on the effectiveness of the Forest and Range Practices Act for the maintenance of fish habitat. 38 p.
- Tschaplinski, P. J. and K. D. Hyatt. 1992. Age, sex, and length distributions of sockeye salmon (*Oncorhynchus nerka*) returning to Henderson Lake, Vancouver Island during 1989, and the effects of predation by bears (*Ursus americanus*) on these stock characteristics. DFO Internal Report, Pacific Biological Station, Nanaimo.

Tschaplinski, P. J. and K. D. Hyatt. 1992. Abundance, migration timing, and biological characteristics of sockeye salmon (*Oncorhynchus nerka*) returning to Henderson Lake, Vancouver Island during 1991. DFO Internal Report, Pacific Biological Station, Nanaimo.

Workman G. D., K. D. Hyatt, and P. J. Tschaplinski. 1992. A description of the 1988 commercial net fishery, its stock composition, and the biological characteristics of sockeye salmon (*Oncorhynchus nerka*) in the catch from Area 23, Barkley Sound. DFO Internal Report, Pacific Biological Station, Nanaimo. 28 p.

Expert or Expert Witness Reports:

Tschaplinski, P. J. 1990. Interpretation of photographs and stream survey for Yakoun River tributary concerning tree felling of 28 July 1988. Prepared for: Davis and Company, Barristers and Solicitors, 30th Floor, Park Place, 666 Burrard Street, Vancouver, B.C. V6C 2Z7. Prepared by: Triton Environmental Consultants Ltd., 205-2250 Boundary Road, Burnaby, B.C. V5M 3Z3.

Tschaplinski, P. J. 2000. Small stream riparian management, fish-bearing tributaries, and cutblock windthrow inspections for Pierce Bay Cutblock P-5, Compliance and Enforcement, Mid-Coast Forest District, BC Ministry of Forests. 2 p.

Tschaplinski, P. J. 2003. Fish Habitat Survey for Everett Creek. Prepared for Mr. Ross Switzer, Borden Ladner Gervais LLP 1200 Waterfront Centre, 200 Burrard Street, Vancouver, BC V7X 1T2. 8 p. + photographs.

Tschaplinski, P. J. 2004. Riparian, stream, and fish habitat inspection for Lois Lake Tributary "Stream 1" – Cutblock LL-162. Prepared for Mr. Mark Scott R.P.F. and Mr. Maurice A. Potesta, Compliance and Enforcement, Sunshine Coast Forest District, British Columbia Ministry of Forests 077 Duncan Street Powell River, BC V8A 1W1. 21 p. Prepared by Peter J. Tschaplinski Ph.D. P.Ag., Research Scientist, Fish Habitat Biology, and Manager, Fish-Forestry Interactions and Watershed Research Program, Research Branch, BC Ministry of Forests, 722 Johnson Street Victoria, BC V8W 1N1.

Tschaplinski, P. J. 2005. Evaluation of temporary stream crossing on fish-bearing stream for DSC Block 569-005, Stillwater Timberlands FL A47297 and recommendations for habitat mitigation. Prepared for Mr. Mark Scott R.P.F. and Mr. Maurice A. Potesta, Compliance and Enforcement, Sunshine Coast Forest District, British Columbia Ministry of Forests 077 Duncan Street Powell River, BC V8A 1W1. 2 p.

Tschaplinski, P. J. 2005. Stream crossing and fish habitat inspection Block 569-005 "Stream 4" – Stillwater Timberlands FL A47297. Prepared for Mr. Mark Scott R.P.F. and Mr. Maurice A. Potesta, Compliance and Enforcement, Sunshine Coast Forest District, British Columbia Ministry of Forests 077 Duncan Street Powell River, BC V8A 1W1. 14 p.

Tschaplinski, P. J. 2008. Assessment of Box Culvert Crossing, Deer Creek Road, Sunshine Coast Forest District. Prepared for Mr. Tony Carroll and Mr. Mark Scott, Compliance and Enforcement, Sunshine Coast Forest District, BC Ministry of Forests and Range, 7700 Duncan Street, Powell River, BC V8A 1W1.

Tschaplinski, P. J. 2010. Fish habitat assessment of Nalbeelah Creek side channel and Tributary Streams 5 and 5A, Road Branch 10, Nalbeelah Valley, Kalum Forest District. Prepared for Mr. Cary Drummond Compliance and Enforcement, BC Ministry of Forests and Range, Kalum Forest District, #200-5220 Keith Avenue, Terrace, BC V8G 1L1.

Tschaplinski, P. J. 2010. Inspection of Exstew River Floodplain at the site of the Mud Bogging Event of 1 August 2009, Kalum Forest District. Prepared for Mr. Hans-Volker Ellinghaus and Mr. Cary Drummond Compliance and Enforcement, BC Ministry of Forests and Range, Kalum Forest

District, #200-5220 Keith Avenue Terrace, BC V8G 1L1.