

10 LITERATURE CITED

- Addley, C. R., B. Bradford, M. Combes, S. Clemens, and M. Winkelaar. 2005. Two-dimensional habitat modeling draft. Carmen-Smith Hydroelectric Project (FERC No. 2242). Draft report. Prepared by Institute of Natural Systems Engineering, Utah State University, Utah Water Research Laboratory, Logan Utah for Stillwater Sciences, Arcata, California.
- Allan, J. D. 1995. Stream ecology: structure and function of running waters. First edition Chapman and Hall. New York.
- Allen, D., W. Dietrich, P. Baker, F. Ligon, and B. Orr. 2005. Development of a mechanistically based, basin-scale stream temperature model: applications to cumulative effects modeling. Technical Report PSW-GTR-194. USDA Forest Service.
- Allendorf, F. W., R. F. Leary, P. Spruell, and J. K. Wenburg. 2001. The problems with hybrids: setting conservation guidelines. *Trends in Ecology and Evolution* 16: 613-622.
- Ambers, R. 2001. Using the sediment record in a western Oregon flood-control reservoir to assess the influence of storm history and logging on sediment yield. *Journal of Hydrology* 244: 181-200.
- Anderson, K. E., A. J. Paul, E. McCauley, L. J. Jackson, J. R. Post, and R. M. Nisbet. 2006. Instream flow needs in streams and rivers: the importance of understanding ecological dynamics. *Frontiers in Ecology and the Environment* 4: 309-318.
- Annear, T., I. Chisholm, H. Beecher, A. Locke, P. Aarrestad, N. Burkhart, C. Coomer, C. Estes, J. Hunt, R. Jacobson, G. Jobsis, J. Kauffman, J. Marshall, K. Mayes, C. Stalnaker, and R. Wentworth. 2004. *Instream Flows for Riverine Resource Stewardship*, revised edition. Instream Flow Council, Cheyenne, WY.
- APLIC (Avian Power Line Interaction Committee). 1994. Mitigating bird collisions with power lines: the state of the art in 1994. Edison Electric Institute, Washington D. C.
- APLIC (Avian Power Line Interaction Committee). 1996. Suggested practices for raptor protection on power lines: the state of the art in 1996. Edison Electric Institute, Washington D. C. and Raptor Research Foundation.
- APLIC and USFWS (Avian Power Line Interaction Committee and U. S. Fish and Wildlife Service). 2005. Avian protection plan (APP) guidelines. Electronic document. Prepared by Edison Electric Institute's Avian Power Line Interaction Committee and U. S. Fish and Wildlife Service. <http://www.aplic.org/>.
- Arora, D. 1986. *Mushrooms demystified: a comprehensive guide to the fleshy fungi*.
- Barbour, M. T., J. Gerritsen, B. D. Snyder, and J.B. Stribling. 1999. Rapid bioassessment protocols for use in streams and wadeable rivers: periphyton, benthic macroinvertebrates, and fish. Second edition. EPA 841-B-99-002. U. S. Environmental Protection Agency, Office of Water, Washington, D. C.

Bartholow, J. M. 2000. The stream segment and stream network temperature models: a self-study course. Version 2.0. USGS Open File Report 99-112. U. S. Geological Survey, Fort Collins, Colorado. <http://www.fort.usgs.gov/products/publications/4090/4090.asp>

Bartholow, J., J. Heasley, j. Laake, J. Sandelin, B. A. K. Coughlan, and A. Moos. 2002. SALMOD. A population model for salmonids: user's manual. Version W3. U. S. Geological Survey, Fort Collins, Colorado.

Bartz, K. K., K. M. Lagueux, M. D. Scheuerell, T. Beechie, A. D. Hass, and M. H. Ruckelshaus. Translating restoration scenarios into habitat conditions: an initial step in evaluating recovery strategies for Chinook salmon (*Oncorhynchus tshawytscha*). Canadian Journal of Fisheries and Aquatic Sciences 63: 1578-1595. doi:10.1139/F06-055.

Battelle, Pacific Northwest Division, Richland, Washington for U. S. Army Corps of Engineers, Walla Walla, Washington.

Beausoleil, N. J., D. J. Mellor, and K. J. Stafford. 2004. Methods for marking New Zealand wildlife: amphibians, reptiles, and marine mammals. Department of Conservation, Wellington, New Zealand.
<http://www.doc.govt.nz/publications/004~science-and-research/Miscellaneous/PDF/MarkingMethods.pdf>

Benda, L., and J. Sias. 2003. A quantitative framework for evaluating the mass balance of in-stream organic debris. Forest Ecology and Management 172: 1-16.

Benda, L., D. Miller, J. Sias, R. Bilby, C. Veldhuisen, and T. Dunne. 2003. Wood recruitment processes and wood budgeting. Pages 49-73 in S. V. Gregory, K. L. Boyer and A. M. Gurnell, editors. The ecology and management of wood in world rivers. American Fisheries Society Symposium 37. American Fisheries Society, Bethesda, Maryland.

Benke, A. C., I. Chaubey, G. M. Ward, and E. L. Dunn. 2000. Flood pulse dynamics of an unregulated river floodplain in the southeastern U. S. coastal plain. Ecology 81: 2730-2741.

Benz, G. W., and D. E. Collins, editors. 1997. Aquatic fauna in peril: the southeastern perspective. Special Publication 1. Southeast Aquatic Research Institute, Lenz Design and Communications, Decatur, Georgia.

Bicknell, B. R., J. C. Imhoff, J. L. Kittle, Jr. A. S. Donigian, and R. C. Johanson. 1997. Hydrological Simulation Program, FORTRAN: User's manual for Version 11. Report EPA/600/R-97/080. U. S. Environmental Protection Agency, National Exposure Research Laboratory.

Boyd, M., and B. Kasper. 2003. Analytical methods for dynamic open channel heat and mass transfer: methodology for heat source model. Version 7.0. Watershed Sciences, Portland, Oregon.

Bradford, M. J. 1997. An experimental study of stranding of juvenile salmonids on gravel bars and in sidechannels during rapid flow decreases. Regulated Rivers 13: 395-401.

Bradford, M. J., G. C. Taylor, J. A. Allan, and P. S. Higgins. 1995. An experimental study of the stranding of juvenile coho salmon and rainbow trout during rapid flow decreases under winter conditions. *North American Journal of Fisheries Management* 15: 473-479.

Brinson, M. M. 1993. A hydrogeomorphic classification for wetlands. Final report. Wetlands Research Program Technical Report WRP-DE-4. Prepared for US Army Corps of Engineers, Waterways Experiment Station, Washington, D. C.

Brittain, J. E., and T. J. Eickeland. 1988. Invertebrate drift—a review. *Hydrobiologia* 166: 77-93.

Brown, G. W. 1969. Predicting temperatures of small streams. *Water Resources Research* 5: 68-75.

Brown, T., Taylor J, and B. Shelby. 1991. Assessing the effects of streamflow on recreation: a literature review. *Water Resources Bulletin* 27: 979-989.

Brush, T. D., and D. Domina. 2001. Assessment of adult spring chinook salmon upstream passage and residency near T. W. Sullivan draft tubes. Draft report. Prepared by Normandeau Associates for Portland General Electric (PGE), Portland, Oregon, Blue Heron Paper Company, Oregon City, Oregon and Willamette Falls Project Fisheries, Aquatics, and Terrestrial Workgroup.

Buffington, J. M., and D. R. Montgomery. 1997. A systematic analysis of eight decades of incipient motion studies, with special reference to gravel-bed rivers. *Water Resources Research* 33: 1355-1380.

Buffington, J. M., and D. R. Montgomery. 1999. A procedure for classifying textural facies in gravel-bed rivers. *Water Resources Research* 35: 1903-1914.

Bunte, K., and S. R. Abt. 2001. Sampling surface and subsurface particle-size distributions in wadable gravel- and cobble-bed streams for analyses in sediment transport, hydraulics, and streambed monitoring. General Technical Report No. RMRS-GTR-74. USDA Forest Service, Fort Collins, Colorado.

Butler, W. B. 1987. Significance and other frustrations in the CRM Process. *American Antiquity* 52: 820-829.

Cagney, J. 1993. Riparian management: greenline riparian-wetland monitoring. Technical Reference 1737-8 USDI Bureau of Land Management, Denver, Colorado.

Carlson, R. E. 1977. A trophic state index for lakes. *Limnology and Oceanography*. 22(2): 36-369.

Carlson, T. J., J. P. Duncan, and T. L. Gilbride. 2003. The sensor fish: measuring fish passage in severe hydraulic conditions. *Hydro Review* 22 (6): 62-69.

Carlson, T. J., and J. P. Duncan. 2004. Characterization of spillway passage conditions at Ice Harbor Dam, Snake River, Washington, 2003. Draft final report PNWD-3462. Prepared by Johnson, R. L., B. G. Gray, S. L. Blanton, J. P. Duncan, R. W. Gilbert, G. A. Anderson, and D. A.

CDFG (California Department of Fish and Game). 2000. Guidelines for assessing effects of proposed projects on rare, threatened, and endangered plants and natural communities. The Resources Agency, Sacramento, California.

CEC (California Energy Commission). 2002a. A roadmap for PIER research on avian power line electrocution in California. Commission Staff Report, P500-02-072F. Prepared by Kevin Hunting, Wildlife Consultant, Sacramento for California Energy Commission, Sacramento.

CEC (California Energy Commission). 2002b. A roadmap for PIER research on avian collisions with power lines in California. Commission Staff Report, P500-02-071F. Prepared by Kevin Hunting, Wildlife Consultant, Sacramento for California Energy Commission, Sacramento.

Chapra, S. C., G. J. Pelletier, and H. Tao. 2005. QUAL2K: a modeling framework for simulating river and stream water quality. Version 2.02: documentation and users manual. Civil and Environmental Engineering Department, Tufts University, Medford, Maryland.

Chien, N. 1985. Changes in river regimes after the construction of upstream reservoirs. *Earth Surface Processes and Landforms* 10: 143-159.

Clark, R. N., and G. H. Stankey. 1979. The recreation opportunity spectrum: a framework of planning, management and research. General Technical Report, PNW- 98. USDA Forest Service, Pacific Northwest Forest Experiment Station, Portland, Oregon.

CNPS (California Native Plant Society). 2001. California Native Plant Society botanical survey guidelines. California Native Plant Society Sacramento, California..

Cole, D. N. 1987. Research on soil and vegetation in wilderness: a state-of-knowledge review. Pages 135-177 *in* R. C. Lucas, editor. Proceedings-National Wilderness Research Conference: Issues, State-of-Knowledge, Future Directions; Fort Collins, Colorado. General technical report, INT-220. USDA Forest Service, Intermountain Research Station, Ogden, Utah.

Collier, M., R. H. Webb, and J. C. Schmidt. 1996. Dams and rivers: a primer on the downstream effects of dams. Circular No. 1126. U. S. Geological Survey.

Cordell, H. K., and G. K. Super. 2000. Trends in Americans' outdoor recreation. Pages 133-144 *in* W. C. Gartner and D. W. Lime, editors. Trends in outdoor recreation, leisure, and tourism. CABI Publishing, Wallingford, United Kingdom.

Cortes, R. M. V., M. T. Ferreira, S. V. Oliveira, and D. Oliveira. 2002. Macroinvertebrate community structure in a regulated river segment with different flow conditions. *River Research and Applications* 18: 367-382.

Cowardin, L. M., V. Carter, F. C. Golet, and E. T. LaRoe. 1979. Classification of wetlands and deepwater habitats of the United States. U.S. Department of the Interior, Fish and Wildlife Service, Office of Biological Services, Washington, D. C.

Derr, C., R. Helliwell, A. Ruchty, L. Hoover, L. Geiser, D. Lebo, and J. Davis. 2003. Survey protocol for survey and manage category A & C lichens in the Northwest Forest Plan area, Version 2.1. USDA Forest Service and USDI Bureau of Land Management, Survey and Manage Program of the Northwest Forest Plan. <http://www.or.blm.gov/surveyandmanage/sp.htm>.

Dillman, D. A. 2000. Mail and internet surveys: the tailored design method. John Wiley & Sons, New York, New York.

Duffield, J. W., T. C. Brown, and S. D. Allen. 1994. Economic value of instream flow in Montana's Big Hole and Bitterroot rivers. Research Paper, RM-317. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colorado.

Dunham, J., G. Chandler, B. Rieman, and D. Martin. 2005. Measuring stream temperature with digital data loggers: a user's guide. General Technical Report RMRS-GTR-150WWW. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fort Collins, Colorado.

EA Engineering, Science, and Technology. 1991. Radio-tracking studies of adult spring Chinook salmon migration behavior in the McKenzie River, Oregon. Prepared for Eugene Water & Electric Board, Eugene, Oregon.

Ecology Group. n.d. Fisheries hydroacoustic technologies. Ecology Technical Group, Environmental Technology Division, Pacific Northwest National Laboratory, Richland, Washington. <http://www.pnl.gov/ecology/Science/ATech.html>.

Edwards, T. K., and G. D. Glysson. 1999. Field methods for measurement of fluvial sediment. U. S. Geological Survey, Techniques of Water-Resources Investigations, Book 3, Chapter C2.

EPA (U. S. Environmental Protection Agency). 2000. Guidance for assessing chemical contaminant data for use in fish advisories. Volume 1: Fish sampling and analysis. Third edition. Office of Water, Washington, D. C. EPA 823-B-00-007.

EPA. 2002. A guidance manual to support the assessment of contaminated sediments in freshwater ecosystems. Volume 3. Washington D. C. EPA-905-B02-001-C. <http://www.epa.gov/waterscience/cs/pubs.htm#technical>

EPA. 2006. Examples of approved sediment TMDLs. <http://www.epa.gov/owow/tmdl/examples/sediment.html>.

Epifanio, J., G. Haas, K. Pratt, B. Rieman, P. Spruell, C. Stockwell, F. Utter, and W. Young. 2003. Integrating conservation genetic considerations into conservation planning: a case study of bull trout in the Lake Pend Oreille--lower Clark Fork River system. *Fisheries* 28: 10-24.

EPRI (Electric Power Research Institute). 1992. Fish entrainment and turbine mortality review and guidelines. Final Report. Research Project 2694-01; EPRI TR-101231. Palo Alto, California.

FERC (Federal Energy Regulatory Commission). 1991. Hydroelectric Project Licensing Handbook. Office of Hydropower Licensing, FERC, Washington, D. C.

FERC (Federal Energy Regulatory Commission). 2001. Guidance for shoreline management planning at hydropower projects. FERC, Washington, D.C. <http://www.ferc.gov/industries/hydropower/gen-info/guidelines/smpbook.pdf>.

Ferguson, J. W., G. M. Matthews, R. L. McComas, R. F. Absolon, D. A. Brege, M. H. Gessel, and L. G. Gilbreath. 2004. Passage of adult and juvenile salmon through federal Columbia River power system dams. NOAA Technical Memorandum. NOAA Fisheries, Fish Ecology Division, Fish Ecology Division, Northwest Fisheries Science Center.

Fidler, L. E. and S. B. Miller. 1994. British Columbia water quality guidelines for dissolved gas supersaturation. Report to BC Ministry of Environment, Canada Department of Fisheries and Oceans Environment. Aspen Applied Sciences, Ltd., Valemont, B.C.

Finlay, J. C., S. Khandwala, and M. E. Power. 2002. Spatial scales of carbon flow in a river food web. *Ecology* 83:1845-1859.

Fowler, F. J. 1993. Survey research methods. Sage Publications, Newbury Park, California.

Franke, G. F., D. R. Webb, Jr. R. K. Fisher, D. Mathur, P. N. Hopping, P. A. March, M. R. Headrick, I. T. Laczó, Y. Ventikos, and F. Sotiropoulos. 1997. Development of environmentally advanced hydropower turbine system design concepts. Office Contract DE-AC07-94ID13223. Prepared for U. S. Department of Energy, Idaho Operations Office, and Hydropower Research Foundation, Inc.

Furnish, J., T. Burke, T. Weasma, J. Applegarth, N. Duncan, R. Monthey, and D. Gowan. 1997. Survey protocol for terrestrial mollusk species from the Northwest Forest Plan. Draft Version 2.0 (October 29, 1997). USDA Forest Service and USDI Bureau of Land Management.
<http://www.or.blm.gov/surveyandmanage/SP/Mollusks/tcover.htm>.

Furnish, J., R. Monthey, and J. Applegarth. 1997. Survey protocol for aquatic mollusk species from the Northwest Forest Plan. Version 2.0 (October 29, 1997). USDI Bureau of Land Management.

Gaeuman, D. A., J. C. Schmidt, and P. R. Wilcock. 2003. Evaluation of in-channel gravel storage with morphology-based gravel budgets developed from planimetric data. *Journal of Geophysical Research* 108 F1 6001: doi:10.1029/2002JF000002.

Gende, S. M., R. T. Edwards, M. F. Willson, and M. S. Wipfli. 2002. Pacific salmon in aquatic and terrestrial ecosystems. *BioScience* 52: 917-928.

Gislason, J. C. 1980. Effects of flow fluctuations due to hydroelectric peaking on benthic insects and periphyton of the Skagit River, Washington. Doctoral dissertation, University of Washington, Seattle.

Gislason, J. C. 1985. Aquatic insect abundance in a regulated stream under fluctuating and stable diel flow patterns. *North American Journal of Fisheries Management* 5: 39-46.

Graefe, A. R., F. R. Kuss, and J. Jerry. 1990. Visitor impact management the planning framework. National Parks and Conservation Association, Washington, D. C.

Grant, G. E., J. C. Schmidt, and S. L. Lewis. 2003. A geological framework for interpreting downstream effects of dams on rivers. Pages 209-225 in J. E. O'Connor and G. E. Grant, editors. A peculiar river: geology, geomorphology, and hydrology of the Deschutes River, Oregon. Water Science and Application Series No. 7. American Geophysical Union, Washington, D. C.

Gray, R. D., editor. 2003. Proceedings of the Federal Interagency Sediment Monitoring Instrument and Analysis Research Workshop. 9-11 September. Flagstaff, Arizona.

Grossman, D. H., D. Faber-Langendoen, A. S. Weakley, M. Anderson, P. Bourgeron, R. Crawford, K. Goodin, S. Landaal, K. Metzler, K. Patterson, M. Pyne, M. Reid, and L. Sneddon. 1998. International classification of ecological communities: terrestrial vegetation of the United States. Volume I. The National Vegetation Classification System: development, status, and applications. The Nature Conservancy, Arlington, Virginia.

Halleraker, J.H., Saltveit, S. J., Harby, A., Arnekleiv, J.V., Fjeldstad, H.P. and Kohler, B. 2003. Factors influencing stranding of wild juvenile brown trout (*Salmo trutta*) during rapid and frequent flow decreases in an artificial stream. *Journal of Rivers Research and Application* 19: 589-603.

Harris, R. R. 1989. Riparian communities of the Sierra Nevada and their environmental relationships. Pages 393-398 in D. L. Abell, editor. Proceedings of the California riparian systems conference: protection, management, and restoration for the 1990s. General Technical Report PSW-110. USDA Forest Service, Pacific Southwest Forest and Range Experiment Station, Berkeley, California.

Harris, R. R. 1999. Defining reference conditions for restoration of riparian plant communities: examples from California, USA. *Environmental Management* 24: 55-64.

Harris, R. R., C. A. Fox, and R. Risser. 1987. Impacts of hydroelectric development on riparian vegetation in the Sierra Nevada region, California, USA. *Environmental Management* 11: 519-527.

Hazel, J. E., D. J. Topping, J. C. Schmidt, and M. Kaplinski. 2006. Influence of a dam on fine sediment storage in a canyon river. *Journal of Geophysical Research* 111 F01025: doi:10.1029/2004JF000193.

Healey, J. F. 1993. *Statistics, a tool for social research*. Third edition. Wadsworth Publishing Company, Belmont, California.

Hedgepeth, J., D. Fuhriman and W. Acker. 1999. Fish behavior measured by a tracking radar-type acoustic transducer near hydroelectric dams. Pages 155-171 in M. Odeh, editor. *Innovations in fish passage technology*. American Fisheries Society, Bethesda, Maryland.

Hedgepeth, J. B., D. Fuhriman, G. M. W. Cronkite, Y. Xie, and T. J. Mulligan. 2000. A tracking transducer for following fish movement in shallow water and at close range. *Aquatic Living Resources* 13: doi:10.1016/S0990-7440(00)01089-5.

Hill, M. T., W. S. Platts, and R. L. Beschta. 1991. Ecological and geomorphological concepts for instream and out-of-channel flow requirements. *Rivers* 2: 198-210.

Hilsenhoff, W. L. 1988. Rapid field assessment of organic pollution with a family-level biotic index. *Journal of the North American Benthological Society* 7: 65-68.

Hilton, S., and T. E. Lisle. 1993. Measuring the fraction of pool volume filled with fine sediment. Research Note PSW-RN-414. USDA Forest Service, Pacific Southwest Research Station, Berkeley, California.

Hobson, K. A. 1999. Tracing origins and migration of wildlife using stable isotopes: a review. *Oecologia* 120:314-326.

Holland, D. C. 1991. A synopsis and status of the western pond turtle (*Clemmys marmorata*) in 1991. Prepared for the USFWS National Ecology Research Center, San Simeon, CA. Revised by Reese, D. A.

Horne, A. J. and C. R. Goldman 1994. *Limnology*. McGraw-Hill. New York.

Hunter, M. A. 1992. Hydropower flow fluctuations and salmonids: a review of the biological effects, mechanical causes, and options for mitigation. Technical Report No. 119. State of Washington Department of Fisheries, Olympia.

ISAB (Independent Scientific Advisory Board). 1998. Review of the U.S. Army Corps of Engineers' Capital Construction Program, Part II, B: Dissolved Gas Abatement Program. Prepared for the Northwest Power Planning Council and the National Marine Fisheries Service. Portland, Oregon.

ISAB (Independent Scientific Advisory Board). 2001. Model Synthesis Report: An analysis of decision support tools used in Columbia River Basin salmon management. Report ISAB 2001-1. Prepared for the Northwest Power Planning Council and the National Marine Fisheries Service. Portland, Oregon.

International Pacific Salmon Fisheries Commission. 1976. Tailrace delay and loss of adult sockeye salmon at Seton Creek Hydroelectric Plant. New Westminster, British Columbia, Canada.

Janowski, P. 2000. Running the dam gauntlet: in the name of science, a rubber fish serves as stunt double. *Scientific American* March: 18.

Jansson, R., C. Nilsson, M. Dynesius, and E. Andersson. 2000. Effects of river regulation on river-margin vegetation: a comparison of eight boreal rivers. *Ecological Applications* 10: 203-224.

Jansson, R., C. Nilsson, and B. Renofalt. 2000. Fragmentation of riparian floras in rivers with multiple dams. *Ecology* 81: 899-903.

Johnson, R. L., S. M. Anglea, S. L. Blanton, M. A. Simmons, R. A. Moursund, G. E. Johnson, E. A. Kudera, J. Thomas, and J. R. Skalski. 1999. Hydroacoustic evaluation of fish passage and behavior at Lower Granite Dam in spring 1998. Final report, PNWD-2448. Prepared by Battelle, Pacific Northwest Division, Richland, Washington for U. S. Army Corps of Engineers, Walla Walla District, Walla Walla, Washington.

Johnson, G. E., J. R. Skalski, and D. J. Degan. 1994. Statistical precision of hydroacoustic sampling of fish entrainment at hydroelectric facilities. *North American Journal of Fisheries Management* 14: 323-333.

- Johnston, D. 2002. San Francisco Estuary Wetlands Regional Monitoring Program Plan. Data collection protocol: Yuma bat (*Myotis yumanensis*). H. T. Harvey & Associates, San Jose, California.
- Johnston, S. V., B. H. Ransom, and J. R. Bohr. 1993. Comparison of hydroacoustic and net catch estimates of fish entrainment at Tower and Kleber Dams, Black River, Michigan. Waterpower Conference Proceeding Paper 1: 308-317.
- Kelsey, H. M., R. Lamberson, and M. A. Madej. 1987. Stochastic model for the long-term transport of stored sediment in a river channel. *Water Resource Research* 23: 1738-1750.
- Kimball, K. D., and M. Hovey. 2002. Protecting shorelands as part of the hydroelectric relicensing process. Prepared by Research Department, Appalachian Mountain Club, Gorham, New Hampshire for American Rivers and the Hydropower Reform Coalition.
http://www.hydroreform.org/SupportingFiles/documents/Lands_Paper_Ken_Kimball_July_2002.pdf
- Kleinschmidt Associates. 2002. Alabama Power Company Coosa and Warrior River projects. E11 - impingement, entrainment, and turbine mortality study progress report III. Draft report. Prepared by Kleinschmidt Associates Energy and Water Resource Consultants.
- Kovalchik, B. L. 1987. Riparian zone associations: Deschutes, Ochoco, Fremont, and Winema National Forests. Technical Paper 279-87. USDA Forest Service, Pacific Northwest Region, Region 6 Ecology.
- Lassette, N. S. 1999. Annotated bibliography on the ecology, management, and physical effects of large woody debris (LWD) in stream ecosystems. Prepared for California Department of Forestry, Sacramento. Department of Landscape Architecture and Environmental Planning, University of California, Berkeley.
- Leibfried, W. C., and D. W. Blinn. 1987. Effects of steady versus fluctuating flows on aquatic macroinvertebrates in the Colorado River below Glen Canyon Dam, Arizona. Final report. Arizona Game and Fish Department Contract 6400042. National Technical Information Service, Springfield, Virginia.
- Lind, A. 1997. Survey protocol for foothill yellow-legged frogs (*Rana boylei*) in streams. USDA Forest Service, Pacific Southwest Research Station, Arcata, California.
- Lisle, T. E., and M. Church. 2002. Sediment transport-storage relations for degrading, gravel bed channels. *Water Resources Research* 38: doi:10.1029/2001WR001086.
- Loomis, J. B., and R. G. Walsh. 1997. Recreation economic decisions: comparing benefits and costs. Second edition. Venture Publishing, Inc., State College, Pennsylvania.
- MacLennan, D. N., and E. J. Simmonds. 1992. Fisheries acoustics. Chapman and Hall, London.
- Manning, R. E. 1999. Search for satisfaction. Pages 1-15 in *Studies in outdoor recreation search and research for satisfaction*. Oregon State University Press, Corvallis, Oregon.

- Marion, J. L. 1995. Capabilities and management utility of recreation impact monitoring programs. *Environmental Management* 19: 763-771.
- Martin, D. J., and L. E. Benda. 2001. Patterns of instream wood recruitment and transport at the watershed scale. *Transactions of the American Fisheries Society* 130: 940-958.
- McCutchan, J., W. Lewis, C. Kendall, and C. McGrath. 2003. Variation in trophic shift for stable isotope ratios of carbon, nitrogen, and sulfur. *Oikos* 102: 378-390.
- Mobrand Biometrics, Inc. 1999. The EDT Method. Mobrand Biometrics, Inc., Vashon, Washington. http://www.krisweb.com/biblio/gen_xxxx_mobrand_1999_edt.pdf
- Montgomery, D. R., and J. M. Buffington. 1997. Channel-reach morphology in mountain drainage basins. *Geological Society of America Bulletin* 109: 596-611.
- Montgomery, D. R., and J. M. Buffington. 1998. Channel processes, classification, and response. Pages 13-42 in R. J. Naiman and R. E. Bilby, editors. *River ecology and management*. Springer-Verlag, New York.
- Montgomery, D. R., and H. Piegay. 2002. Wood in rivers: interactions with channel morphology and processes. *Geomorphology* 51.
- Morris, G. L., and J. Fan. 1998. *Reservoir sedimentation handbook: design and management of dams, reservoirs, and watersheds for sustainable use*. McGraw-Hill, New York.
- Mueller, E. R., J. Pitlick, and J. M. Nelson. 2005. Variation in the reference Shields stress for bed load transport in gravel-bed streams and rivers. *Water Resources Research* 41: W04006, doi: 10.1029/2004WR003692.
- Naiman, R. J., E. V. Balian, K. K. Bartz, R. E. Bilby, and J. J. Latterell. 2002. Dead wood dynamics in stream ecosystems. Pages 23-48 in P. J. Shea, J. W. F. Laudenslayer, B. Valentine, C. P. Weatherspoon and T. E. Lisle, editors. *Proceedings of the symposium on the ecology and management of dead wood in western forests*. General technical report, PSW-GTR- 181. USDA Forest Service, Pacific Southwest Research Station, Albany, California.
- Naiman, R. J., H. Decamps, and M. E. McClain. 2005. *Riparia: ecology, conservation, and management of streamside communities*. Elsevier Academic Press, Burlington, Maine.
- Narayanan, R. 1986. Evaluation of recreational benefits of instream flows. *Journal of Leisure Research* 18: 116-128.
- NMFS (National Marine Fisheries Service). 1993. The use of barriers to prevent adult salmon delay and injury at hydroelectric powerhouses and wasteways. Working Paper. NMFS, Environmental & Technical Services Division, Portland, Oregon.
- NMFS. 2001. Guidelines for salmonid passage at stream crossings. NMFS, southwest region.
- NPS (National Park Service). 1997. VERP: the visitor experience and resource protection (VERP) framework, a handbook for planners and managers. USDI National Park Service, Denver Service Center, Denver Colorado.

NPS. 2002. How to apply the National Register criteria for evaluation. National Register Bulletin 15. USDI National Park Service, National Register of Historic Places, Washington, D. C. Revised for internet. Available at <http://www.cr.nps.gov/nR/publications/bulletins/nrb15/index.htm>.

Neitzel. 1998. Advanced Sensor Tag for Improved Turbine Design. Pacific Northwest National Laboratory, Internal Report, Richland Washington.

Neraas, L. P., and P. Spruell. 2001. Fragmentation of river systems: the genetic effects of dams on bull trout (*Salvelinus confluentus*) in the Clark Fork River system. *Molecular Ecology* 10: 1153-1164.

Nielsen, L. A., and D. L. Johnson. 1983. Fisheries techniques. American Fisheries Society, Bethesda, Maryland.

NRCS (Natural Resources Conservation Service). 1997. National handbook of water quality monitoring. National Water and Climate Center, Portland, Oregon. 450-vi-NHWQM. <http://www.wcc.nrcs.usda.gov/wqam/wqam-docs.html>

Normandeau Associates, Inc., J. R. Skalski, and Mid Columbia Consulting, Inc. 1996. Potential effects of spillway flow deflectors on fish condition and survival at the Bonneville Dam, Columbia River. Report to U.S. Army Corps of Engineers, Portland District, Portland, Oregon.

Normandeau Associates. 2001. Fall 2000 evaluation of juvenile spring chinook salmon downstream migration at the Willamette Falls Project under two passage scenarios. Final Report. Prepared for Portland General Electric Company, Portland, Oregon, Blue Heron Paper Company, Oregon City, Oregon, and Willamette Falls Project Fisheries, Aquatics, and Terrestrial Workgroup.

Normandeau Associates. 2001. Feasibility of estimating direct mortality and injury on juvenile salmonids passing the Dalles Dam Spillway during high discharge. Contract No. DACW68-96-D-0003, Task Order DT04.

NRC (National Research Council). 1995. Wetlands: characteristics and boundaries. Committee on Characterization of Wetlands, Water Science and Technology Board, Board on Environmental Studies, and Toxicology, Commission on Geosciences, Environment, and Resources, and National Research Council. National Academy Press, Washington, D. C.

NRC. 2002. Riparian areas: functions and strategies for management. Committee on Riparian Zone Functioning and Strategies for Management, Water Science and Technology Board, National Research Council. National Academy Press, Washington, D. C.

Nugent, J., T. Newsome, P. Hoffarth, M. Nugent, W. Brock, and Jr. M. Kuklinski. 2002. 2001 Evaluation of juvenile fall Chinook salmon stranding on the Hanford Reach of the Columbia River. BPA Contract Number 9701400, GCPUD Contracts Document 97BI30417. Prepared by Washington Department of Fish and Game for the Bonneville Power Administration, the Public Utility District Number 2 of Grant County.

- Nunnally, J. C., and I. H. Bernstein. 1994. Psychometric theory. McGraw Hill, New York, New York.
- O'Connor, J. E., G. E. Grant, and T. Haluska. 2003. Overview of geology, hydrology, geomorphology, and sediment budget for the Deschutes River basin, Oregon. Pages 7-30 in J. E. O'Connor and G. E. Grant, editors. A peculiar river: geology, geomorphology, and hydrology of the Deschutes River, Oregon. Water Science and Application Series No. 7. American Geophysical Union, Washington, D. C.
- ODFW (Oregon Department of Fish and Wildlife). 2006. Native fish investigations project: publications. ODFW, Corvallis Research Lab, Corvallis, Oregon. <http://oregonstate.edu/Dept/ODFW/NativeFish/Publications.htm>.
- Pagel, J. E. 1992. Protocol for observing known and potential peregrine falcon eyries in the Pacific Northwest. Pages 83-96 in Proceedings of the symposium on peregrine falcons in the Pacific Northwest. Rogue River National Forest, Medford, Oregon.
- Parametrix, Inc. 1985. Adult fish passage (Powerhouse Berm) study, Henry M. Jackson (Sultan River) Hydroelectric Project, FERC 2157. Snohomish County Public Utility District, No. 1. Stillwater Sciences. 2006. Fish entrainment at the Carmen-Smith Hydroelectric Project, upper McKenzie River basin, Oregon. Final report. Prepared by Stillwater Sciences, Arcata, California for Eugene Water & Electric Board, Eugene, Oregon.
- Parker, G. 2006. Transport of gravel and sediment mixtures. Draft revised Chapter 3 of V. A. Vanoni, editor. 1975. Sedimentation engineering. ASCE Manual 54. American Society of Civil Engineers, New York. http://cee.uiuc.edu/people/parkerg/manual_54.htm
- Petts, G. E. 1979. Complex response of river channel morphology subsequent to reservoir construction. Progress in Physical Geography 3: 329-362.
- Ploskey, G. R., and T. J. Carlson. 1999. Comparison of hydroacoustic and net estimates of fish guidance efficiency of an extended submersible bar screen at John Day Dam. North American Journal of Fisheries Management 19: 1066-1079.
- Ploskey, G. R., C. R. Schilt, J. Kim, C. W. Escher, and J. R. Skalski. 2003. Hydroacoustic evaluation of fish passage through Bonneville Dam in 2002. Final report PNNL-14356. Prepared by Pacific Northwest National Laboratory, Richland, Washington for U. S. Army Corps of Engineers, Portland, Oregon.
- Poff, N. L., J. D. Allan, M. B. Bain, J. R. Karr, K. I. Prestergaard, B. D. Richter, R. E. Sparks, and J. C. Stromberg. 1997. The natural flow regime: a paradigm for river conservation and restoration. BioScience 47: 769-784.
- Poole, G. C., and C. H. Berman. 2001. An ecological perspective on in-stream temperature: natural heat dynamics and mechanisms of human-caused thermal degradation. Environmental Management 27:787-802.
- Post, D. M. 2002. Using stable isotopes to estimate trophic position: models, methods, and assumptions. Ecology 83: 703-718.

Potkin, A. Aesthetic considerations in waterfalls hydropower development in the Lao PDR. Cultivate Understanding Media, Vientiane Lao PDR.

<http://www.dams.org/kbase/submissions/showsub.php?rec=OPT121>

Prewitt, C. M., and C. Whitmus. 1986. A technique for quantifying effects of daily flow fluctuations on stranding of juvenile salmonids. *Instream Flow Chronicle* (Colorado State University Conference Services) 2: 1-3.

Quinn, T. J., II, and R. B. Deriso. 1999. *Quantitative fish dynamics*. Oxford University Press, Inc., New York, New York.

Quintana-Coyer, D. L., R. P. Gerhardt, M. D. Broyles, J. A. Dillon, C. A. Friesen, S. A. Godwin, and S. D. Kamrath. 2004. Survey protocol for the great gray owl within the range of the Northwest Forest Plan. Version 3.0. USDA Forest Service and USDI Bureau of Land Management, Portland, Oregon.

R2 Resource Consultants. 2005. Effects of pulse type flows on benthic macroinvertebrates and fish: a review and synthesis of information. Prepared by RD Resource Consultants, Inc., Redmond, Washington and Pacific Gas & Electric Company, San Ramon, California.

Reid, L. M., and T. Dunne. 1996. *Rapid evaluation of sediment budgets*. Catena Verlag, GMBH, Reiskirchen, Germany.

Reid, L. M., and T. Dunne. 2003. Sediment budget as an organized framework in fluvial geomorphology. G. M. Kondolf and H. Piegay, editors. *Tools in fluvial geomorphology*. John Wiley and Sons, Ltd, England.

Richter, B. D., J. V. Baumgartner, and J. Powell. 1998. A spatial assessment of hydrologic alteration within a river network. *Regulated Rivers: Research and Management* 14: 329-340. Stillwater Sciences. 2006. Hydrologic regimes at the Carmen-Smith Hydroelectric Project, upper McKenzie River basin, Oregon. Final report. Prepared by Stillwater Sciences, Arcata, California for Eugene Water & Electric Board, Eugene, Oregon.

Richter, B. D., J. V. Baumgartner, J. Powell, and D. P. Braun. 1996. A method for assessing hydrologic alteration within ecosystems. *Conservation Biology* 10: 1163-1174.

Richter, B. D., J. V. Baumgartner, R. Wigington, and D. P. Braun. 1997. How much water does a river need? *Freshwater Biology* 37: 231-249.

Rood, S. B., C. R. Gourley, E. M. Ammon, L. G. Heki, J. R. Klotz, M. L. Morrison, D. Mosley, G. G. Scopettone, S. Swanson, and P. L. Wagner. 2003. Flows for floodplain forests: a successful riparian restoration. *BioScience* 53: 647-656

Rood, S. B., and J. M. Mahoney. 1990. Collapse of riparian poplar forests downstream from dams in western prairies: probable causes and prospects for mitigation. *Environmental Management* 14: 451-464.

Saltveit, S. J., J. H. Halleraker, J. V. Arnekleiv, and A. Harby. 2001. Field experiments on stranding in juvenile Atlantic salmon (*Salmo salar*) and brown trout (*Salmo trutta*) during rapid

flow decreases caused by hydropeaking. *Regulated Rivers: Research and Management* 17: 609-622.

Sawyer, J. O., and T. Keeler-Wolf. 1995. *A manual of California vegetation*. California Native Plant Society, Sacramento, California.

Scheuerell, M. D., R. Hilborn, M. H. Ruckelshaus, K. K. Bartz, K. M. Lagueux, A. D. Haas, and K. Rawson. 2006. The Shiraz model: a tool for incorporating fish-habitat relationships in conservation planning. *Canadian Journal of Fisheries and Aquatic Sciences* 63: 1596-1607. doi:10.1139/F06-056. http://www.fish.washington.edu/people/ra/h/users_manual.doc

Schofield, W. B. 1992. *Some common mosses of British Columbia*. Revised edition. University of British Columbia Press, Vancouver, Canada.

Seltenrich, C. P., and A. C. Pool. 2002. A standardized approach for habitat assessments and visual encounter surveys for the foothill yellow-legged frog (*Rana boylei*). Pacific Gas & Electric Company, San Ramon, California.

Shelby, B., T. C. Brown, and R. Baumgartner. 1992. Effects of streamflows on river trips in Grand Canyon, Arizona. *Rivers* 3: 191-201.

Shelby, B., and T. A. Heberlein. 1986. *Carrying capacity in recreation settings*. Oregon State University Press, Corvallis, Oregon.

Shelby, B., D. Whittaker, and W. R. Hansen. 1997. Streamflow effects on hiking in Zion National Park, Utah. *Rivers* 6: 80-93.

Sinokrot, B. A., and H. G. Stefan. 1993. Stream temperature dynamics: measurements and modeling. *Water Resources Research* 29: 2299-2312.

Slotton, D. G., J. E. Reuter, and C. R. Goldman. 1995. Mercury uptake patterns of biota in a seasonally anoxic northern California reservoir. *Water, Air, and Soil Pollution*, 80: 841-850.

Smith, A. G. 1991. Chlorinated hydrocarbon insecticides. Pages 731-916 in W. J. Hayes, Jr. and E. R. Laws Jr., editors. *Handbook of pesticide toxicology*. Academic Press, San Diego, California.

Smutko, L. S. 2005. Negotiating about power: hydropower relicensing in North Carolina. *Popular Government Spring/Summer*: 15-23.

<http://ncinfo.iog.unc.edu/pubs/electronicversions/pg/pgspsm05/article2.pdf>

Snyder, N. P., D. M. Rubin, C. N. Alpers, J. R. Childs, J. A. Curtis, L. E. Flint, and S. A. Wright. 2004. Estimating accumulation rates and physical properties of sediment behind a dam: Englebright Lake, Yuba River, northern California. *Water Resource Research* 40.

Stankey, G. H., D. N. Cole, R. C. Lucas, M. E. Petersen, and S. S. Frissell. 1985. The limits of acceptable change (LAC) system for wilderness planning. Report INT-176. USDA Forest Service, Intermountain Forest and Range Experiment Station, Ogden, Utah.

Stillwater Sciences. 1998. Aquatic and riparian habitat connectivity. Pages 3-1 to 3-56 in The North Umpqua cooperative watershed analysis synthesis report. Prepared by Stillwater Sciences, Berkeley, California for PacifiCorp, Portland, Oregon.

Stillwater Sciences. 2000. Sediment budget for the North Umpqua River basin. Appendix 2-1 in the North Umpqua cooperative watershed analysis synthesis report. Prepared by Stillwater Sciences, Berkeley, California for PacifiCorp, Portland, Oregon.

Stillwater Sciences. 2006a. Fluvial geomorphic processes and channel morphology at the Carmen-Smith Hydroelectric Project area, upper McKenzie River Basin, Oregon. Final report. Prepared by Stillwater Sciences, Arcata, California for Eugene Water & Electric Board, Eugene, Oregon.

Stillwater Sciences. 2006b. Sediment budget for the Carmen-Smith Hydroelectric Project area, upper McKenzie River basin, Oregon. Final report. Prepared by Stillwater Sciences, Arcata, California for Eugene Water & Electric Board, Eugene, Oregon.

Stillwater Sciences. 2006c. Population dynamics of bull trout and spring Chinook salmon at the Carmen-Smith Hydroelectric Project, Upper McKenzie River Basin, Oregon. Final report. Prepared by Stillwater Sciences, Arcata, California for Eugene Water & Electric Board, Eugene, Oregon.

Stillwater Sciences. 2006d. Flow fluctuations and stranding at the Carmen-Smith Hydroelectric Project, upper McKenzie River Basin, Oregon. Final report. Prepared by Stillwater Sciences, Arcata, California for Eugene Water & Electric Board, Eugene, Oregon.

Stillwater Sciences. 2006e. Aquatic habitats and instream flows at the Carmen-Smith Hydroelectric Project, upper McKenzie River basin, Oregon. Final report. Prepared by Stillwater Sciences, Arcata, California for Eugene Water & Electric Board, Eugene, Oregon.

Stillwater Sciences. 2006f. Fish entrainment at the Carmen-Smith Hydroelectric Project, upper McKenzie River basin, Oregon. Final report. Prepared by Stillwater Sciences, Arcata, California for Eugene Water & Electric Board, Eugene, Oregon.

Tague, C., and G. E. Grant. 2004. A geological framework for interpreting the low-flow regimes of Cascade streams, Willamette River basin, Oregon. *Water Resources Research* 40: doi 10.1029/2003WR002629.

Tallent-Halsell, N. G., and L. R. Walker. 2002. Responses of *Salix gooddingii* and *Tamarix ramosissima* to flooding. *Wetlands* 22: 776-785.

Tennant, D. L. 1976. Instream flow regimens for fish, wildlife, recreation and related environmental resources. Pages 359-375 in J. F. Orsborn and C. H. Allman, editors. *Instream flow needs*. American Fisheries Society, Bethesda, Maryland.

Tharme, R. E. 2003. A global perspective on environmental flow assessment: emerging trends in the development and application of environmental flow methodologies for rivers. *River Research and Applications* 19: 397-441.

- Theurer, F. D., K. A. Voos, and W. J. Miller. 1984. Instream water temperature model. Instream Flow Information Paper No. 16, FWS/OBS-84/15. U. S. Fish and Wildlife Service, Western Energy and Land Use Team, Washington, D. C.
- Torgersen, C. E., R. N. Faux, B. A. McIntosh, N. J. Poage, and D. J. Norton. 2001. Airborne thermal remote sensing for water temperature assessment in rivers and streams. *Remote Sensing of Environment* 76: 386-398.
- Townsend, P. A., and J. R. Foster. 2002. A synthetic aperture radar-based model to assess historical changes in lowland floodplain hydroperiod. *Water Resources Research* 38: 20.1-20.10.
- Troelstrup, N. H., Jr., and G. L. Hergenrader. 1990. Effect of hydropower peaking flow fluctuations on community structure and feeding guilds of invertebrates colonizing artificial substrates in a large impounded river. *Hydrobiologia* 199: 217-228.
- Triska, F. J., J. R. Sedell, and S. V. Gregory. 1982. Coniferous forest streams. Pages 292-332 in R. L. Edmonds, editor. *Analysis of coniferous forest ecosystems in the western United States*. Hutchinson Ross, Stroudsburg, Pennsylvania.
- USACE (U. S. Army Corps of Engineers). 1987. Corps of Engineers wetlands delineation manual. Technical Report Y-87-1. USACE, Environmental Laboratory, Waterways Experiment Station, Vicksburg, Mississippi.
- USACE. 1997. Hydrologic engineering requirements for reservoirs. Washington, D. C. EM 1110-2-1420, CECW-EH-Y.
- USDA Forest Service. 1993. Protocol for surveying for spotted owls in proposed management activity areas and habitat conservation areas. March 12, 1991 (Revised February 1993).
- USDA Forest Service. 1995. A handbook for scenery management. Agriculture Handbook No. 701.
- USDA Forest Service. 1997. A reconnaissance level indicator of pool fine sediment. Sierra Nevada Forest, Kings River Ranger District, California. Unpublished report
- USFWS and APLIC (U. S. Fish and Wildlife Service and Avian Power Line Interaction Committee). 2005. Avian Protection Plan (APP) Workshop. Portland, Oregon. 17-18 May.
- USFWS (U. S. Fish and Wildlife Service). 1997. U. S. Fish and Wildlife Service guidance on site assessment and field surveys for California red-legged frogs. USFWS, Sacramento Field Office, Sacramento, California.
- USFWS. 1999. Conservation guidelines for the valley elderberry longhorn beetle. Revised report. USFWS, Sacramento Fish and Wildlife Office, Sacramento, California.
- USFWS. 2002. Trinity River juvenile fish stranding evaluation May-June, 2002. Report Number AFWO-F-01-03.
- Vander Zanden, M. J., and J. B. Rasmussen. 1999. Primary consumer d13C and d15N and the trophic position of aquatic consumers. *Ecology* 80: 1395-1401.

Vander Zanden, M. J., and J. B. Rasmussen. 2001. Variation in d15N and d13C trophic fractionation: implications for aquatic food web studies. *Limnology and Oceanography* 46: 2061-2066.

Voegeli, F. A., and D. G. Pincock. 1996. Overview of underwater acoustics as it applies to telemetry. E. Baras and J. C. Philippart, editor. *Underwater Biotelemetry*.

Vollenweider, R. A., and J. Kerekes. 1982. Eutrophication of waters: Monitoring, assessment and control. OECD Cooperative programme on monitoring of inland waters (Eutrophication control), Environment Directorate, OECD, Paris.

Wathen, S. J., T. B. Hoey, and A. Werritty. 1997. Quantitative determination of the within reach sediment storage in a small gravel-bed river using transit time and response time. *Geomorphology* 20: 113-134.

Watson, A. E. 1995. An analysis of recent progress in recreation conflict research and perceptions of future challenges and opportunities. *Leisure Sciences* 17: 235-238.

Watson, A. E., D. N. Cole, D. L. Turner, and P. S. Reynolds. 2000. Wilderness recreation use estimation: a handbook of methods and systems. General technical report RMRS-GTR-56. USDA Forest Service, Rocky Mountain Research Station, Ogden, Utah.

Weitkamp, D. E., and M. Katz. 1980. A review of dissolved gas supersaturation literature. *Transactions of the American Fisheries Society* 109: 659-702.

Wetzel, R. G. 2001. *Limnology: lake and river ecosystems*. Third edition. Academic Press, San Diego, California.

Wetzel, R.G., and Likens, G.E. 2000. *Limnological analyses*. Third edition. Springer, New York.

Whited, D., J. A. Stanford, and J. S. Kimball. 2002. Application of airborne multispectral digital imagery to quantify riverine habitats at different base flows. 18.

Whittaker, D., and B. Shelby. 2001. Flow assessment for recreation: pit 3, 4, and 5 hydroelectric project. Prepared for Pacific Gas and Electric.

Whittaker, D., and B. Shelby. 2002. Evaluating instream flows for recreation: applying the structural norm approach to biophysical conditions. *Leisure Sciences* 24:

Whittaker, D., B. Shelby, and J. Gangemi. 2005. Flows and recreation: a guide to studies for river professionals. Whittaker, Shelby, & Gangemi, and the Hydropower Reform Coalition, Washington, D. C.: <http://www.nps.gov/ncrc/programs/hydro/flowrec.htm>

Whittaker, D., B. Shelby, W. Jackson, and R. Beschta. 1993. *Instream flows for recreation: a handbook on concepts and research methods*. U. S. National Park Service, RTCA Project.

Whittaker, D., J. J. Vaske, M. P. Donnelly, and D. S. DeRuiter. 1998. Mail vs. telephone surveys: potential biases in expenditure and willingness to pay data. *Journal of Parks and Recreation Administration*

Wilen, B. O., V. Carter, and J. R. Jones. 2002. Wetland management and research: wetland mapping and inventory. <http://water.usgs.gov/nwsum/WSP2425/mapping.html>. United States Geological Survey Water Supply Paper 2425. USGS, National Water Summary on Wetland Resources.

Wilkie, D. S., and J. T. Finn. 1996. Remote sensing imagery for natural resources monitoring: a guide for first-time users. Columbia University Press, New York, New York.

William, R. 1985. Report on the loss of salmonid fish at the Winchester Hydroelectric Project in 1984, 11. Draft report. Oregon Department of Fish and Wildlife, Research and Development Station.

Williams, R. N., J. A. Lichatowich, P. R. Mundy, and M. Powell. 2003. Integrating artificial production with salmonid life history, genetic, and ecosystem diversity: a landscape perspective. Issue Paper. Prepared for Trout Unlimited, West Coast Conservation Office, Portland, Oregon. <http://www.tu.org/atf/cf/{0D18ECB7-7347-445B-A38E-65B282BBBD8A}/landscapehatcheries.pdf>

Williams, G. P., and M. G. Wolman. 1984. Downstream effects of dams on alluvial rivers. Geological Survey Professional Paper 1286. U. S. Geological Survey, Washington, D. C.

Winward, A. H. 2000. Monitoring the vegetation resources in riparian areas. General Technical Report RMRS-GTR-47. USDA Forest Service, Rocky Mountain Research Station, Ogden, Utah.
Ward, J. V. and J. A. Stanford. 1995. The serial discontinuity concept: extending the model of floodplain rivers. *Regulated Rivers: Research and Management* 10: 159-168.

Zielinski, W. J., R. L. Truex, C. V. Ogan, and K. Busse. 1997. Detection surveys for fishers and American martens in California, 1989-1994. Pages 372-392 in G. Proulx, H. N. Bryant and P. M. Woodward, editors. *Martes: taxonomy, ecology, and management*. Provincial Museum of Alberta, Edmonton, Alberta, Canada. http://www.fs.fed.us/psw/publications/documents/gtr-157/Chapter_1/Chapter_1.html