

- States. *Environ. Monit. Assess.* **124**: 167–194. doi:10.1007/s10661-006-9216-7. PMID:16957861.
- Karrow, N., Boermans, H., Dixon, D., Hontella, A., Solomon, K., Whyte, J., and Bols, N. 1999. Characterizing the immunotoxicity of creosote to rainbow trout (*Oncorhynchus mykiss*): a microcosm study. *Aquat. Toxicol.* **45**: 223–239. doi:10.1016/S0166-445X(98)00108-8.
- Kerwin, J. 1999. Salmon and steelhead-habitat limiting factors, Water Resource Inventory Area 11 [online]. Washington State Conservation Commission. Finalreport.Olympia,Wash.Availablefromhttp://www.pugetsoundnearshore.org/supporting\_documents/wria\_10\_lfr.pdf [accessed 20 February 2013].
- Laetz, C.A., Baldwin, D.H., Collier, T.K., Hebert, V., Stark, J.D., and Scholz, N.L. 2009. The synergistic toxicity of pesticide mixtures: implications for risk assessment and the conservation of endangered Pacific salmon. *Environ. Health Perspect.* **117**: 348–353. PMID:19337507.
- Lassiter, R.R., and Hallam, T.G. 1990. Survival of the fattest: implications for acute effects of lipophilic chemicals on aquatic populations. *Environ. Toxicol. Chem.* **9**: 585–595. doi:10.1002/etc.5620090507.
- Levings, C.D., McAllister, C.D., and Chang, B.D. 1986. Differential use of the Campbell River estuary, British Columbia, by wild and hatchery-reared juvenile chinook salmon (*Oncorhynchus tshawytscha*). *Can. J. Fish. Aquat. Sci.* **43**(7): 1386–1397. doi:10.1139/f86-172.
- Long, E.R., Hameedi, J., Robertson, A., Dutch, M., Aasen, S., Ricci, C., Welch, K., Kammin, W., Carr, R.S., Johnson, T., Biedenbach, J., Scott, K.J., Mueller, C., and Anderson, J.W. 1999. Sediment quality in Puget Sound, Year 2– Northern Puget Sound. NOS NCCOS CCMA Technical Memo 139, Silver Spring, Md.
- Long, E.R., Hameedi, J., Robertson, A., Dutch, M., Aasen, S., Welch, K., Magoon, S., Carr, R.S., Johnson, T., Biedenbach, J., Scott, K.J., Mueller, C., and Anderson, J.W. 2000. Sediment quality in Puget Sound, Year 2 – Central Puget Sound. NOS NCCOS CCMA Technical Memo 147, Silver Spring, Md.
- Long, E.R., Dutch, M., Aasen, S., Welch, K., Hameedi, J., Magoon, S., Carr, R.S., Johnson, T., Biedenbach, J., Scott, K.J., Mueller, C., and Anderson, J.W. 2002. Sediment quality in Puget Sound, Year 2 – Southern Puget Sound. NOS NCCOS CCMA Technical Memo 153, Silver Spring, Md.
- Long, E.R., Dutch, M., Aasen, S., Welch, K., and Hameedi, M.J. 2003. Chemical contamination, acute toxicity in laboratory tests, and benthic impacts in sediments of Puget Sound. A summary of results of the joint 1997–1999 Ecology/NOAA survey. Technical Memorandum NOS NCCOS CCMA 163. Silver Spring, Md.
- Mac, M.J., Nicholson, L.W., and McCauley, C.A. 1979. PCBs and DDE in commercial fish feeds. *Progr. Fish-Cult.* **41**: 210–211. doi:10.1577/1548-8659(1979)41[210:PADICF]2.0.CO;2.
- Macdonald, J.S., Levings, C.D., McAllister, C.D., Fagerlund, U.H.M., and McBride, J.R. 1988. A field experiment to test the importance of estuaries for chinook salmon (*Oncorhynchus tshawytscha*) survival: short-term results. *Can. J. Fish. Aquat. Sci.* **45**(8): 1366–1377. doi:10.1139/f88-160.
- MacFarlane, R.B., and Norton, E.C. 2002. Physiological ecology of juvenile chinook salmon (*Oncorhynchus tshawytscha*) at the southern end of their distribution, the San Francisco Estuary and Gulf of the Farallones, California. *Fish. Bull.* **100**: 244–257.
- Madsen, S.S., Skovbølling, S., Nielsen, C., and Korsgaard, B. 2004. 17- $\beta$  estradiol and 4-nonylphenol delay smolt development and downstream migration in Atlantic salmon, *Salmo salar*. *Aquat. Toxicol.* **68**: 109–120. doi:10.1016/j.aquatox.2004.03.008. PMID:15145221.
- Magnusson, A., and Hilborn, R. 2003. Estuarine influence on survival rates of Coho (*Oncorhynchus kisutch*) and Chinook salmon (*Oncorhynchus tshawytscha*) released from hatcheries on the U.S. Pacific Coast. *Estuaries*, **26**: 1094–1103. doi:10.1007/BF02803366.
- Marr, J.C.A., Lipton, J., Cacula, D., Hansen, J.A., Bergman, H.L., Meyer, J.S., and Hogstrand, C. 1996. Relationship between copper exposure duration, tissue copper concentration, and rainbow trout growth. *Aquat. Toxicol.* **36**: 17–30. doi:10.1016/S0166-445X(96)00801-6.
- Maule, A.G., Gannam, A.L., and Davis, J.W. 2007. Chemical contaminants in fish feeds used in federal salmonid hatcheries in the U.S.A. *Chemosphere*, **67**: 1308–1315.
- McCain, B.B., Brown, D.W., Chan, S.-L., Landahl, J.T., MacLeod, W.D., Jr., Krahn, M.M., Sloan, C.A., Tilbury, K.L., Pierce, S.M., Burrows, D.G., and Varanasi, U. 2000. National benthic surveillance project: Pacific Coast. Organic chemical contaminants, Cycle I to VII (1984-90). US Dept. Commerce, NOAA Tech. Memo. NMFS-NWFSC-40, Seattle, Wash.
- McElroy, A.E., Barron, M.G., Beckvar, N., Driscoll, S.B.K., Meador, J.P., Parkerton, T.F., Preuss, T.G., and Steevens, J.A. 2011. A review of the tissue residue approach for organic and organometallic compounds in aquatic organisms. *Integ. Environ. Assess. Manage.* **7**: 50–74. doi:10.1002/jeam.132.
- McIntyre, J.K., Baldwin, D.H., Beauchamp, D.A., and Scholz, N.L. 2012. Low-level copper exposures increase visibility and vulnerability of juvenile coho salmon to cutthroat trout predators. *Ecol. Appl.* **22**: 1460–1471. doi:10.1890/11-2001.1. PMID:22908706.
- Meador, J.P. 2006. Rationale and procedures for using the tissue-residue approach for toxicity assessment and determination of tissue, water, and sediment quality guidelines for aquatic organisms. *Hum. Ecol. Risk Assess.* **12**: 1018–1073. doi:10.1080/10807030600801535.
- Meador, J.P., Collier, T.K., and Stein, J.E. 2002. Use of tissue and sediment-based threshold concentrations of polychlorinated biphenyls (PCBs) to protect juvenile salmonids listed under the U.S. Endangered Species Act. *Aquat. Conserv. Mar. Freshw. Ecosyst.* **12**: 493–516. doi:10.1002/aqc.523.
- Meador, J.P., Sommers, F.C., Ylitalo, G.M., and Sloan, C.A. 2006. Altered growth and related physiological responses in juvenile Chinook salmon (*Oncorhynchus tshawytscha*) from dietary exposure to polycyclic aromatic hydrocarbons (PAHs). *Can. J. Fish. Aquat. Sci.* **63**(10): 2364–2376. doi:10.1139/f06-127.
- Meador, J.P., Buzitis, J., and Bravo, C. 2008a. Using fluorescent aromatic compounds (FACs) in bile from juvenile salmonids to determine exposure to polycyclic aromatic hydrocarbons. *Environ. Toxicol. Chem.* **27**: 845–853. doi:10.1897/07-434.1. PMID:18333694.
- Meador, J.P., McCarty, L.S., Escher, B.I., and Adams, W.J. 2008b. The tissue-residue approach for toxicity assessment: concepts, issues, application, and recommendations. *J. Environ. Monit.* **10**: 1486–1498. doi:10.1039/b814041n.
- Meador, J.P., Ylitalo, G.M., Sommers, F.C., and Boyd, D.T. 2010. Bioaccumulation of polychlorinated biphenyls (PCBs) in juvenile chinook salmon (*Oncorhynchus tshawytscha*) outmigrating through a contaminated urban estuary. *Dynamics and application. Ecotoxicology*, **19**: 141–152.
- Meador, J.P., Sommers, F.C., Cooper, K.A., and Yanagida, G. 2011. Tributyltin and the obesogen metabolic syndrome in a salmonid. *Environ. Res.* **111**: 50–56. doi:10.1016/j.envres.2010.11.012. PMID:2167482.
- Meyer, J.H., and Vogel, D.A. 1978. An examination of the smaller benthic invertebrates in Hylebos Waterway, Tacoma, Washington [online]. US Fish and Wildlife Service. Olympia, Wash. Available from <http://www.fws.gov/wafwo/fisheries/Publications/FP101.pdf> [accessed 15 October 2012].
- Myers, J.M., Kope, R.G., Bryant, G.J., Teel, D., Lierheimer, L.J., Wainwright, T.C., Grand, W.S., Waknitz, F.W., Neely, K., Lindley, S.T., and Waples, R.S. 1998. Status review of chinook salmon from Washington, Idaho, Oregon, and California. US Dept. Commerce, NOAA Tech. Memo. NMFS-NWFSC-35. Seattle, Wash.
- Nandor, G.F., Longwill, J.R., and Webb, D.L. 2010. Overview of the coded wire tag program in the greater Pacific Region of North America. In PNAMP Special Publication: Tagging, telemetry and marking measures for monitoring fish populations. Edited by K.S. Wolf and J.S. O'Neal. Pacific Northwest Aquatic Monitoring Partnership Special Publication 2010-002, Chap. 2. pp. 69–94.
- Nelson, T., Ruggerone, G., Kim, H., Schaefer, R., and Boles, M. 2004. Juvenile Chinook migration, growth and habitat use in the lower Green River, Duwamish River and nearshore of Elliott Bay, 2001-2003. Draft Report. WRIA 9 Juvenile Salmonid Survival Study. King County DNR and NRC. Seattle, Wash.
- Norton, D. 1986. Results of priority pollutant analyses on water, sediment, and clam samples collected in lower Budd Inlet near McFarland Cascade, Olympia, WA [online]. Washington Dept. of Ecology Report 86e32. Olympia, Wash. Available from <http://www.ecy.wa.gov/pubs/86e32.pdf> [accessed 11 July 2012].
- Norton, D. 1999. Lower Budd Inlet sediment characterization study: Midwest Site evaluation and chemical screening of selected point sources. Publication No. 99-305. Washington Dept. of Ecology, Olympia, Wash.
- Olson, O.P., Johnson, L.L., Ylitalo, G.M., Rice, C.A., Cordell, J.R., Collier, T.K., and Steger, J. 2008. Fish habitat use and chemical contaminant exposure at restoration sites in Commencement Bay, Washington [online]. US Dept. of Commerce, NOAA Tech. Memo. NMFS-NWFSC-88, 117 p. Available from [http://www.nwfsc.noaa.gov/publications/scipubs/display\\_doc\\_allinfo.cfm?docmetadataid=6761](http://www.nwfsc.noaa.gov/publications/scipubs/display_doc_allinfo.cfm?docmetadataid=6761) [accessed 27 February 2013].
- O'Neill, S.M., and West, J.E. 2009. Marine distribution, life history traits, and the accumulation of polychlorinated biphenyls in chinook salmon from Puget Sound, Washington. *Trans. Am. Fish. Soc.* **138**: 616–632. doi:10.1577/T08-003.1.
- Pacific Salmon Commission Chinook Technical Committee. 2002. Pacific Salmon Commission Chinook Technical Committee Report: Annual Exploitation Rate Analysis and Model Calibration [online]. Report TCCHINOOK (02)-3. Available from <http://www.psc.org/pubs/TCCHINOOK02-3.pdf> [accessed 20 February 2013].
- PTI. 1991. Reference area performance standards for Puget Sound. EPA Contract 68-D8-0085 [online]. Available from <https://fortress.wa.gov/ecy/publications/publications/0609096.pdf> [accessed 20 February 2013].
- Puget Sound Ambient Monitoring Program. 1994. Marine Sediment Monitoring Task. Annual Report 1991, Washington Dept. of Ecology 94-93, Olympia, Wash.
- Puget Sound Ambient Monitoring Program. 2007. Puget Sound Update: Ninth Report of the Puget Sound Assessment and Monitoring Program. Puget Sound Action Team, Olympia, Wash.
- Quinn, T.P., Dickerson, B.R., and Vøllestad, L.A. 2005. Marine survival and distribution patterns of two Puget Sound hatchery populations of coho (*Oncorhynchus kisutch*) and chinook (*Oncorhynchus tshawytscha*) salmon. *Fish. Res.* **76**: 209–220. doi:10.1016/j.fishres.2005.06.008.
- Reimers, P.E. 1973. The length of residence of juvenile fall chinook salmon in the Sixes River, Oregon. *Oregon Fish Comm.* **4**: 1–43.
- Rice, C.A., Greene, C.M., Moran, P., Teel, D.J., Kuligowski, D.R., Reisenbichler, R.R., Beamer, E.M., Karr, J.R., and Fresh, K.L. 2011. Abundance, stock origin, and length of marked and unmarked juvenile chinook in the surface waters of greater Puget Sound. *Trans. Am. Fish. Soc.* **140**: 170–189.
- Regional Mark Information System. 2006. Regional Mark Information System. Website user manual, 2006 [online]. Regional Mark Processing Center, Pacific States Marine Fisheries Commission, Portland, Ore. [www.rmipc.org/files/rmipcuser\\_v1.pdf](http://www.rmipc.org/files/rmipcuser_v1.pdf) [accessed 20 February 2013].