**PUBLICATIONS AND THESES FROM THE ALSEA WATERSHED STUDY  
1976-2005**

**PUBLICATIONS**

Allen, R.L., and Laenen, A. 1993. *Preliminary results of the simulation of Oregon coastal basins using Precipitation-Runoff Modeling System (PRMS)*. Water-Resources Investigations Report 92‑4108. Portland, OR: United States Geological Survey and USDI Bureau of Land Management.

Beschta, R.L. 1978. Long-term patterns of sediment production following road construction and logging in the Oregon Coast Range. *Water Resources Research* 14(6):1011‑1016.

Beschta, R.L. 1980. Turbidity and suspended sediment relationships. 271‑282 in *Proceedings of a symposium on watershed management*. New York: American Society of Civil Engineers, Irrigation and Drainage Division.

Beschta, R.L., Bilby, R.E., Brown, G.W., Holtby, L.B., and Hofstra, T.D. 1987. Stream temperature and aquatic habitat: Fisheries and forestry interactions. In Salo, E.O., and Cundy, T.W. (eds.). *Streamside management: Forestry and fishery interactions*. Seattle, WA: University of Washington, College of Forest Resources.

Brown, G.W., Rice, R.M., and Thomas, R.B. 1976. Water pollution control and forestry: A journal review. *Journal of Forestry* 74(6):342‑345.

Everest, F.H., Beschta, R.L., Scrivener, J.C., Koski, K.V., Sedell, J.R., and Cederholm, C.J. 1987. Fine sediment and salmonid production: A paradox. In Salo, E.O., and Cundy, T.W. (eds.). *Streamside management: Forestry and fishery interactions*. Seattle, WA: University of Washington, College of Forest Resources.

Hall, J.D., Brown, G.W., and Lantz, R.L. 1987. The Alsea Watershed Study: A retrospective. 399‑416 in Salo, E.O., and Cundy, T.W. (eds.). *Streamside management: Forestry and fishery interactions*. Seattle, WA: University of Washington, College of Forest Resources.

Hall, J.D., and Knight, N.J. 1981. Natural variation in abundance of salmonid populations in streams and its implications for design of impact studies. EPA‑600/53‑81‑021. Corvallis, OR: United States Environmental Protection Agency.

Hall, J.D., Murphy, M.L., and Aho, R.S. 1978. An improved design for assessing impacts of watershed practices on small streams. *Verh. Int. Ver. Limnol*. 20:1359‑1365.

Harr, R.D. 1976. *Hydrology of small forest streams in western Oregon*. General Technical Report PNW‑55. USDA Forest Service. 15 pp.

Harris, D.D. 1977. *Hydrologic changes after logging in two small Oregon coastal watersheds*. Water Supply Paper 2037. USDA Geological Survey. 31 pp.

Ice, G.G. 1990. Dissolved oxygen and woody debris: Detecting sensitive forest streams. 333‑346 in Wilhelm, S.C., and Gulliver, J.S. (eds.). *Air-water mass transfer: Selected papers from the second international symposium on gas transfer at water surfaces*. New York: American Society of Civil Engineers.

Jackson, W.L. and B.P. Van Haveren. 1984. Rainfall-runoff prediction and the effects of logging: The Oregon Coast Range. USDI Bureau of Land Management, Denver Service Center, Denver, CO.

Moring, J.R. 1982. Decrease in stream gravel permeability after clear-cut logging: An indication of intragravel conditions for developing salmonid eggs and alevins. *Hydrobiologia* 88:295‑298.

Murphy, M.L., and Hall, J.D. 1981. Varied effects of clear-cut logging on predators and their habitat in small streams of the Cascade Mountains, Oregon. *Canadian Journal of Fisheries and Aquatic Science* 38:137‑145.

National Council for Air and Stream Improvement, Inc. (NCASI). 1991. *The new Alsea Watershed Study*. Technical Bulletin No. 602. Research Triangle Park, NC: National Council for Air and Stream Improvement, Inc.

O’Leary, S.J., and Beschta, R.L. 1981. Bedload transport in an Oregon Coast Range stream. *Water Resources Bulletin* 17(5):886‑894.

Paustian, S.J., and Beschta, R.L. 1979. The suspended sediment regime of an Oregon Coast Range stream. *Water Resources Bulletin* 15(1):144‑154.

Reeves, G.H., Hall, J.D., and Gregory, S.V. 1997. The impact of land-management activities on coastal cutthroat trout and their freshwater habitats. Sea-run cutthroat trout: Biology, management, and future conservation. American Fisheries Society, Oregon Chapter.

Risley, J.C. 1994. *Use of a precipitation-runoff model for simulating effects of forest management on streamflow in 11 small drainage basin, Oregon Coast Range*. Water-Resources Investigations Report 93‑4181. Portland, OR: United States Geological Survey and USDI Bureau of Land Management.

Stednick, J.D., and Kern, T.J. 1992. Cumulative watershed effects on water resources after multiple timber harvest entries in coastal Oregon. Presented at American Water Resources Association annual meeting, Reno, NV.

VanSickle, J. 1981. Long-term distributions of annual sediment yields from small watersheds. *Water Resources Research* 17(3):659‑663.

VanSickle, J., and Beschta, R.L. 1982. Dynamic modelling of suspended sediment transport in streams as a function of sediment supply. WRRI‑88. Corvallis, OR: Oregon State University, Water Resources Research Institute.

VanSickle, J., and Beschta, R.L. 1983. Supply-based models of suspended sediment transport in streams. *Water Resources Research* 19(3):768‑778.

**THESES**

Aho, R.S. 1977. *A population study of the cutthroat trout in an unshaded and shaded section of stream*. M.S. thesis. Oregon State University. 87 pp.

Belt, R.L. 1997. *Long-term hydrologic recovery following timber harvest in the Alsea River basin, Oregon*. M.S. thesis. Colorado State University, Department of Earth Resources. 76 pp.

Haak, R.J. 1984. *Causal influences and logging effects on emigration of juvenile coho salmon from natal streams*. B.S. honors thesis. Oregon State University, Department of Fisheries and Wildlife. 40 pp.

Ice, G.G. 1978. *Reaeration in a turbulent stream system*. Ph.D. thesis. Oregon State University. 174 pp.

Knight, N.J. 1980. *Factors affecting the smolt yield of coho salmon* (Oncorhynchus kisutch) *in three Oregon streams*. M.S. thesis. Oregon State University. 105 pp.

Rodgers, J.D. 1986. *The winter distribution, movement, and smolt transformation of juvenile coho salmon in an Oregon coastal stream*. M.S. thesis. Oregon State University. 61 pp.

Skaugset, A.E., II. 1980. *Fine organic debris and dissolved oxygen in streambed gravels in the Oregon Coast Range*. M.S. thesis. Oregon State University. 96 pp.

Summers, R.P. 1983. Trends in riparian vegetation regrowth following timber harvesting in western Oregon watersheds. M.S. thesis. Oregon State University. 151 pp.