





Approximately 47 km of stream was estimated to have high intrinsic potential for coho salmon. The majority of this length was on private land even though most of the land in the basin was managed by the US Forest Service. Land use history and current policies vary by land ownership. Thus, opportunities to restore or protect aquatic habitat may differ by ownership.

from a topographic index and calibrated to forest cover. The topographic index is modeled with SHALSTAB (Montgomery and Dietrich 1994) as a function of slope, contributing drainage area, and local convergence and is calibrated with landslide inventories from the Siuslaw National Forest and the Oregon Department of Forestry.

15-30% of the watershed has been affected (e.g., McCammon 1993). Hydrologic functions should recover if forests reestablish and grow, returning to pre-disturbance levels within 30-40 years after timber harvest in western Oregon (Beschta et al. 1994). The index of hydrologic function (IHF), adapted from the ULEP (2001), is based on land use and stand age.

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