

Appendix 5-A

Some Sources of Existing Data for Use in Landscape Analysis

Type of Information	Database	Source
100-year flood hazard areas	FEMA	Federal Emergency Management Agency (Data distributed through the Department of Ecology) http://www.ecy.wa.gov/services/gis/data/flood/q3flood.htm or go to the Department of Ecology Floods home page http://www.ecy.wa.gov/programs/sea/floods/
Aerial photos	Digital Ortho Quads (DOQ)	University of Washington http://duff.geology.washington.edu/data/raster/index.html (See Images)
Boundaries of Water Resource Inventory Areas (WRIA) that can be used to define the contributing landscapes	WRIA/24	Washington State Department of Ecology http://www.ecy.wa.gov/services/gis/data/data.htm
Geologic formations under the soils	Surficial Geology	Washington State Department of Natural Resources http://www.dnr.wa.gov/geology/dig100k.htm
Land use/land cover data	National Land Cover Data (NLCD), 30-meter GIRAS Land Use / Land Cover (LUCL) data	The 30-meter NLCD http://landcover.usgs.gov Data for WA can be accessed directly at http://landcover.usgs.gov/nlcd/show_data.asp?code=WA&state=Washington GIRAS LUCL data collected by USGS and converted to ARC/INFO by the EPA http://www.epa.gov/ngispgm3/spdata/EPAGIRAS/
Location, size, and type of wetlands in a landscape	NWI (National Wetland Inventory)	U.S. Fish and Wildlife Service NWI is available either in paper maps or in digital format (http://wetlands.fws.gov/downloads.htm)
Mapping of streams and rivers	HYDRO (GIS layer of streams and rivers)	Washington State Department of Natural Resources http://www.dnr.wa.gov/dataandmaps/ (go to Available GIS data, Hydrography)
Priority Habitats and Species	PHS (Priority Habitats and Species -several data layers)	Washington State Department of Fish and Wildlife (WDFW) http://www.wdfw.wa.gov/hab/phspage.htm

Type of Information	Database	Source
Roads and rails	TRANS (GIS layer of roads and rails)	Washington State Department of Natural Resources http://www.dnr.wa.gov/dataandmaps/ (go to Available GIS data, Transportation) Also, the Washington State Department of Transportation http://www.wsdot.wa.gov/mapsdata/geodatacatalog/default.htm .
Salmon and fish use	WLRIS, SSHIAP	Washington Lakes and Rivers Information System - Fish Distribution can be ordered from WDFW http://www.wdfw.wa.gov/hab/release.htm (go to Fish and Wildlife maps and digital data products available from WDFW) Salmon and Steelhead Habitat Inventory and Assessment Program (SSHIAP) is also available through WDFW at http://wdfw.wa.gov/hab/sshiap/
Soil types	SOILS	USDA, Natural Resources Conservation Service http://soildatamart.nrcs.usda.gov/
USGS quadrangle data (7 ½')	QUADS	University of Washington , digital raster graphics http://duff.geology.washington.edu/data/raster/index.html Washington State Department of Natural Resources http://www.dnr.wa.gov/dataandmaps/ (go to Available GIS data) Data also distributed through Washington State Department of Ecology http://www.ecy.wa.gov/services/gis/data/data.htm
USGS topographic grid data	DIGITAL ELEVATION MODEL (DEM), 10 meter or 30 meter	University of Washington http://duff.geology.washington.edu/data/raster/index.html