

Christopher P. Konrad

U.S. Geological Survey
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Areas of Expertise

Analysis of hydrologic processes in river ecosystems including streamflow-mediated disturbance, groundwater and surface water interactions, sediment transport and geomorphic change, effects of land and water uses on streamflow; assessment of ecological/environmental flow requirements for river ecosystems; evaluation of freshwater conservation and management strategies

Recent Projects

Regional stream quality assessments (US Geological Survey National Water Quality Assessment); vulnerability of water resources to drought in the Western US (National Oceanic and Atmospheric Administration National Integrated Drought Information System); sediment storage and transport in the Nooksack River System (Whatcom County); evaluation of dam re-operation for ecological objectives (National Center for Ecological Analysis and Synthesis; geospatial analysis of ecological functions and risks to people on floodplains in the Puget Sound basin (The Nature Conservancy, Puget Sound Partnership, Washington Department of Ecology, US Environmental Protection Agency)

Professional Positions

Research Hydrologist, Washington Water Science Center U.S. Geological Survey, Tacoma, Washington	1/2001 – present
River Science Coordinator (<i>joint position with USGS</i>) Global Freshwater Program, The Nature Conservancy, Seattle, Washington	5/2007-4/2011
Research Scientist Department of Civil and Environmental Engineering, University of Washington, Seattle, Washington	5/2000 – 12/2000
Hydrologist Jones & Stokes Associates, Sacramento, California	1/1996 - 3/1997
Research Engineer, Department of Civil and Environmental Engineering University of Washington, Seattle, Washington	6/1995 - 10/1995
Environmental Policy Analyst Ross and Associates, Seattle, Washington	3/1990 – 12/1992

Education

B.S., Department of Biological Sciences, Stanford University, Stanford, CA	1988
M.S., Department of Civil and Environmental Engineering, University of Washington, Seattle, Washington	1995
Ph.D., Department of Civil and Environmental Engineering University of Washington, Seattle, Washington Dissertation: Frequency and extent of hydrologic disturbances in streams in the Puget Lowland, Washington.	2000