

**Name:** William Fish  
**Title:** Associate Professor - Department of Civil and Environmental Engineering/ Environmental Science and Resources  
**Campus Address:** EB 202 E  
**Campus Phone:** (503) 725-4278  
**Email:** fishw@cecs.pdx.edu  
**Website:** <http://web.cecs.pdx.edu/~fishw/>



**Education:** Ph.D. Civil & Environmental Engineering, Massachusetts Institute of Technology, 1984  
Postdoctoral Research Associate, Oregon Graduate Institute, 1984-1985  
B.S.E. Environmental Engineering, with high honors, University of Florida, 1979

**Major Fields:**

Environmental chemistry, transport processes

**Courses:**

Environmental Physical Systems; Fate and Transport of Toxics in the Environment; Water Quality Chemistry; Unit Operations in Water and Wastewater Treatment; Environmental Cleanup and Restoration

**Recent Publications:**

- Mukome, F., W. Fish. Dissolution kinetics of Cd from phosphate fertilizer. (Submitted, *Journal of Soil Sci. Soc. Am.*)
- Kumar, A. and W. Fish. Competitive adsorption effects among Cu(II) and oxalate on heterogenous oxide surfaces. *Colloids and Surfaces A*. 2002
- Johnson, T.L., W. Fish, Y.A. Gorby, and P.G. Tratnyek. Degradation of carbon tetrachloride by iron metal: Complexation effects on the oxide surface. *J. Contam. Hydrol.* 29:377-396 (1999).
- C. D. Palmer and W. Fish. Chemically enhanced removal of metals from the subsurface. In: *Subsurface Restoration* (Eds. C.H. Ward, J.A. Cherry, M.R. Scalf), Ann Arbor Press (1997)
- W. Fish, W. Romanelli and C. Martin. Chemical Characteristics of a Seep at the St. Johns Landfill in Portland, OR. In: *International River Quality*, (Eds: D. Dunnette and A. Laenen), Lewis Publishers (1996).
- Kumar, A. and W. Fish. Ligands, metals, and metal-ligand complexes as differential probes of soil adsorptive heterogeneity. *Colloids and Surfaces A*. 107:111-122 (1996).

**Recent Research Grants:**

“Investigation of Methane Ebullition at the McCormick & Baxter Superfund Site”, Oregon Dept. of Environmental Quality (\$73,000), 2008-2009. Principal Investigator.

“Behavior of Fertilizer Derived Cadmium in Oregon Agricultural Soils”, Oregon Department of Agriculture (\$265,000), 2003-2007. Principal Investigator