

## J. Alan Yeakley - Brief Bio

August 2008

**Title:** Associate Professor of Environmental Science

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### **Education:**

Post-doc	1992-94	Odum School of Ecology, University of Georgia
Ph.D.	1993	Environmental Science, University of Virginia
M.S.	1988	Environmental Science, University of Texas at Dallas
B.S.	1986	Mathematics, Texas A&M at Commerce

### **Major Fields:**

Ecological system analysis, Ecosystem management, Forest ecology, Hydrological modeling, Riparian Ecology, Urban Ecology, Watershed biogeochemistry, Watershed Hydrology

### **Courses:**

Environmental Systems II  
Environmental Systems II Lab  
Watershed Biogeochemistry  
Watershed Hydrology  
Urban Ecology  
Environmental Sustainability

### **Recent Publications:**

Jenkins, N.J., **Yeakley, J.A.**, and Stewart, E.M. *In press*. Responses of *Phalaris Arundinacea* L. to managed flooding of wetlands in the Columbia Slough in Portland, Oregon, USA. *Wetlands*.

**Yeakley, J.A.** 2008. An expanding ribbon of native green? [Book review] *Ecology* 89: 594-595.

Ozawa, C.P. and **Yeakley, J.A.** 2007. Performance of management strategies in the protection of riparian vegetation in three Oregon cities. *Journal of Environmental Planning and Management* 50: 803-822.

Sonoda, K., and **Yeakley, J.A.** 2007. Relative effects of landuse and near-stream chemistry on phosphorus in an urban stream. *Journal of Environmental Quality* 36: 144-154.

Hook, A.M. and **Yeakley, J.A.** 2005. Stormflow dynamics of dissolved organic carbon and total dissolved nitrogen in a small urban watershed. *Biogeochemistry* 75:409-431.

**Yeakley, J.A.**, Coleman, D.C., Haines, B.L., Kloeppel, B.D., Meyer, J.L., Swank, W.T., Argo, B.W., Deal, J.M., and Taylor, S.F. 2003. Hillslope nutrient dynamics following upland riparian vegetation disturbance. *Ecosystems* 6: 154-167.

### **Recent Research Grants:**

Center for Invasive Plant Management, Himalayan blackberry water relations, 2005-2008, \$4,949, PI.  
Costa Pacific/U.S. EPA, Hydrologic modeling and rainwater analysis, 2005-2008, \$49,750, PI.

### **Professional Activities, Honors & Awards:**

Certified Professional Hydrologist with a specialization in Water Quality (P.H.), 2008; Member of Editorial Board, *Écoscience*, 2006-present; [Phi Kappa Phi](#) national honor society (faculty member), 2006; Volunteer Award, 2006, Metro; Chinook Award, 2005, Metro; Associated Faculty Member of the Graduate Program in Water Resources, Oregon State University (2005-present); 3-time winner of John Eliot Allen Outstanding Teacher Award, 1999-2000, 2002-2003, 2006-2007 PSU; Civic Engagement Award, 2003, PSU; founding member of the [Urban Ecosystem Research Consortium](#) (UERC), 2001-present; Member of Independent Science Team, City of Portland's Endangered Species Act Program (2001-2005); Member for 8 EPA scientific peer-review panels, Washington, DC, 2001-present.