

Name: J. Alan Yeakley
Title: Professor of Environmental Science
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Education: 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. 2008. Responses of *Phalaris Arundinacea* L. to managed flooding of wetlands in the Columbia Slough in Portland, Oregon, USA. *Wetlands* 4:1018-1027.
- Beckage, B., Kloeppel, B. D., Yeakley, J. A., Taylor, S. F., Coleman, D. C. 2008. Differential effects of understory and overstory gaps on tree regeneration. *The Journal of the Torrey Botanical Society* 135:1-11.
- 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 land use and near-stream chemistry on phosphorus in an urban stream. *Journal of Environmental Quality* 36: 144-154.

Recent Research Grants:

- Center for Invasive Plant Management: Himalayan blackberry water relations.
Costa Pacific/U.S. EPA: Hydrologic modeling and rainwater analysis.
Metro/U.S. EPA: Hydrological control of invasive plants in urban wetlands.

Professional Activities, Honors & Awards:

- Member of Editorial Board, *Écoscience*, 2006-present
Phi Kappa Phi national honor society (faculty member), 2006
Associated Faculty Member of the Graduate Program in Water Resources, OSU, 2005-present
John Eliot Allen Outstanding Teacher Award, PSU, 1999-2000, 2002-2003, 2006-2007
Civic Engagement Award, PSU, 2003
Founding member of the Urban Ecosystem Research Consortium (UERC), 2001-present
Member of EPA proposal peer-review panels (annually), Washington, DC, 2001-present