

**2012 UW Water Symposium**  
 Wednesday, April 18<sup>th</sup>, 2012  
 NHS Hall ~ Center for Urban Horticulture

**PROGRAM**

9:00	Welcome and Introductions – Joel Baker
9:10-10:40	<b>Physical, biological, and geochemical impacts of riverine systems in marine and estuarine environments</b> <i>Lead speaker:</i> Parker MacCready (UW School of Oceanography)
	<u>Additional speakers</u> <ul style="list-style-type: none"> <li>• <i>Bo Li:</i> Phosphorus in effluent from nutrient removal treatment facilities are like coconuts and bananas</li> <li>• <i>Nick Ward:</i> The hydrologic and geochemical evolution of the Amazon River as it enters the ocean</li> <li>• <i>Dan Nowacki:</i> The Amazon tidal river as a missing link in the transport of water and sediment to the ocean.</li> </ul>
11:00-12:30	<b>The Value of Heterogeneity in Freshwater Environments</b> <i>Lead speaker:</i> Daniel Schindler (UW SAFS): How watershed complexity produces resilient fisheries and wildlife populations
	<u>Additional speakers</u> <ul style="list-style-type: none"> <li>• <i>George Pess:</i> The importance of habitat complexity and connectivity to river ecosystems</li> <li>• <i>Jonny Armstrong:</i> Juvenile coho salmon “dine and dash” to exploit thermal heterogeneity in streams</li> <li>• <i>Kathijo Jankowski:</i> The effects of eutrophication and spatial resource heterogeneity on the richness and composition of bacterial communities in lakes</li> </ul>
12:30-1:30	Lunch provided for registered participants
1:30-3:00	<b>Land Use and Water</b> <i>Introduction:</i> Erica Cline, Assistant Professor, UW Tacoma Environmental Program <i>Lead speaker:</i> Robert L. Edmonds, Professor, UW School of Environmental and Forest Sciences The forest/stream connection in the Pacific Northwest: what we have learned in the past 50 years.
	<u>Additional Speakers</u> <ul style="list-style-type: none"> <li>• <i>Susan Dickerson:</i> Shading the snowpack: Forest management to combat climate change</li> <li>• <i>Douglas Martin:</i> The uniform buffer paradigm, ecosystem services, and a call for spatially explicit riparian management</li> <li>• <i>Letitia (Tish) Conway-Cranos, Peter Kiffney, Neil Banas, Mark Plummer, Sean Naman, Krista Bartz, Mary Ruckelshaus, Rohinee Paranjpye, Mark Strom, Parker MacCready, John Bucci:</i> Terrestrial-marine linkages in Puget Sound: trophic subsidies and oceanographic transport of freshwater, nutrients and pathogens to shellfish beds</li> </ul>
3:30-5:00	Poster Presentations ‘Lightning round’ of introductions on each poster to be followed by open poster session Light refreshments provided for registered participants, including no-host bar (cash only)
5:00-5:30	Poster Award Presentation Closure