



WATER AND LAND RESOURCES DIVISION
King County Department of Natural Resources and Parks

FALL SCIENCE SEMINAR

OCTOBER 27, 2009 8 A.M. – NOON
8TH FLOOR CONFERENCE CENTER, KING STREET CENTER

8:00–8:10	Introduction	<i>Dr. Randy Shuman</i>
Session 1:	Salmon, Ecology and Land Use	<i>Jennifer Vanderhoof – Moderator</i>
8:10–8:30	Current efforts to restore kokanee salmon in the Lake Sammamish Basin.	<i>Hans Berge</i>
8:30–8:50	Developing a multi-scale, spatially explicit estimator of the impacts of land cover change on aquatic resources.	<i>Ray Timm</i>
8:50–9:10	Developing the historical context for understanding present day land use-water quality relationships.	<i>Julia Michalak</i>
9:10–9:30	Role of large wood in modified rivers.	<i>Dr. Josh Latterell</i>
9:30–9:50	Urbanization, terrestrial vegetation structure and the carbon cycle: Results from the Seattle WA, region.	<i>Dr. Lucy Hutyra</i>
9:50–10:10	Break	
Session 2:	Puget Sound Water Quality	<i>Curtis DeGasperi – Moderator</i>
10:10–10:30	<i>Alexandrium catenella</i> cyst distribution in Puget Sound with a focus on Quartermaster Harbor.	<i>Dr. Cheryl Greengrove</i>
10:30–10:50	Continuous water quality monitoring in Puget Sound: methods and results.	<i>Bob Kruger</i>
10:50–11:10	Combined sewer overflow treatment technology evaluation.	<i>Bob Bucher</i>
11:10–11:30	Development of the South Puget Sound hydrodynamic model and application to deriving residence times for inlets.	<i>Skip Albertson</i>
11:30–11:50	Implementing an ambient phytoplankton monitoring program in Puget Sound Central Basin.	<i>Dr. Gabriela Hannach</i>
11:50–12:00	Closing Remarks	<i>Dr. Randy Shuman</i>

