

## Science Seminars

By Larry Jones



*Science seminars provide a peer review process prior to public distribution of scientific findings and discoveries for WRIA (Water Resource Inventory Area) technical committees.*

The Science and Technical Support Section sponsors semiannual half day Science Seminars in which county staff and sometimes special guests present recent findings from their environmental monitoring programs.

The Science Seminars provide an opportunity for sharing information between staff, and with the public. The seminars allow staff to gain public speaking experience in front of professional peers. Science Seminars are open to all interested environmental science professionals and the public.

Some of the science topics discussed during the last few sessions include:

- River flows and temperatures and minimizing and monitoring impacts from urban planned developments
- Science behind regulations and science behind planning and implementation
- Duwamish River and climate change
- Critters, computers and water quality
- Geology, major lakes, salmonid studies, Puget Sound and waste water system
- Biology and ecology, laboratory methodology and data management, physics and water quality
- The relationship between temperature and dissolved oxygen on salmonid distribution in Lake Sammamish

- Biological implications of pesticides in small urban streams
- The Salmon Watcher Program: volunteer monitoring for fish presence and distribution
- Method comparisons between EPA-method 1682, IMS and PCR for isolating and detecting salmonella species from various biosolids
- Hydrodynamic affects on the spatial and temporal bloom of phytoplankton in Lake Washington, Washington high profile monitoring: The RUSS Buoy Program
- Infiltration/inflow modeling using multiple hydrograph components

The next seminar is scheduled for May 5, 2009 from 8am-12pm. An announcement and agenda will be available about 30 days prior to the event.

For more information on Science Seminars contact Jim Simmonds and/or Kate O'Laughlin at 206 296-1986 and 206 296-8363, respectively. Their e-mail are: [jim.simmonds@kingcounty.gov](mailto:jim.simmonds@kingcounty.gov) and [kate.olaughlin@kingcounty.gov](mailto:kate.olaughlin@kingcounty.gov)

Or visit the Seminar Web site:

<http://green.kingcounty.gov/wlr/science/seminar/>

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**Send questions, comments and future story ideas to:**  
Kate O'Laughlin - [kate.olaughlin@kingcounty.gov](mailto:kate.olaughlin@kingcounty.gov), 206-296-8363 or  
Jim Simmonds - [jim.simmonds@kingcounty.gov](mailto:jim.simmonds@kingcounty.gov), 206-296-1986

