RESEARCH SEMINAR SERIES

Forest Management and Water Quality

Robin Pike, Research Hydrologist
BC Ministry of Environment, Victoria

Contributors: K. Rieberger (Victoria), M. Feller (Vancouver), J.D. Stednick (Fort Collins, Colorado), and M. Carver (Nelson)

Abstract: Clean water is essential for ecosystems and societies worldwide. In British Columbia, the water that flows from forested watersheds is known for its high quality. Considering the prevalence of forests as drinking water source areas, forest management activities that can potentially affect water quality are often a concern to the public. In January 2011, a two volume, 19 chapter synthesis of Forest Hydrology and Geomorphology science was published. This talk summarizes key messages that are presented in Chapter 12: *Water Quality and Forest Management*. The presentation will provide an overview of factors influencing water quality in British Columbia with a focus on forest management activities conducted in these areas.

Bio: Robin Pike is a Watershed Research Hydrologist with the BC Ministry of Environment. He received his B.Sc. degree in Physical Geography and M.Sc. degree specializing in Forest Hydrology from the University of Victoria. He is a professional Agrologist with the BCIA and has been active in the field of BC forest hydrology for greater than 16 years. For 6 years, Robin practiced as a Watershed Management Extension Specialist with FORREX and as managing editor of *Streamline Watershed Management Bulletin*. Based in Victoria, his current research is focussing on low flows, stream temperature, climate change, and fish-forestry interactions. Robin is also the primary hydrologic research partner in the *Carnation Creek Watershed Experiment*.

When: Tuesday, April 19, 2011. 1:30 pm to 2:30 pm
Location: Victoria: 395 Waterfront Crescent. Gatehouse Building, Room 1-1
Conference call: 1-877-353-9184 Conference ID: 7190434

Common meeting rooms have been reserved in the following locations:

Kamloops: Juniper room, Southern Interior Regional Office
Prince George: Heritage Room, Northern Interior Regional Office
Smithers: Driftwood Room, Skeena-Stikine Forest District Office
Nanaimo: Birch Room at 2100 Labieux Rd.
Williams Lake: Williams Lake Room, Williams Lake Forestry Centre

A PowerPoint presentation will be available at http://www.for.gov.bc.ca/hre/research_seminars on the day of the presentation.
For further information, please contact Ken Soneff at: Ken.Soneff@gov.bc.ca or 250-828-4164.