



Special Seminar

Please join us:

- DATE:** Thursday, April 29, 2010
- TIME:** 2:00pm
- PLACE:** Sedgewick C168, University of Victoria
- SPEAKER:** Axel Anderson, Forest Hydrology Specialist, Alberta Sustainable Resource Development, Government of Alberta, Adjunct Assistant Professor, Civil Engineering, University of Calgary.
- TITLE:** Towards addressing uncertainty of hydrological predictions in a changing climate.

ABSTRACT

Towards addressing uncertainty of hydrological predictions in a changing climate

Axel Anderson, Forest Hydrology Specialist, Alberta Sustainable Resource Development, Government of Alberta, Adjunct Assistant Professor, Civil Engineering, University of Calgary

Using examples, this seminar presents my perspective on use of hydrologic models. I emphasize the role of uncertainty in the use of model results for policy and management in Alberta. I present a few examples of collaborative research projects where I am building a foundation that will help me understand uncertainty. In addition to strategies such as model selection, calibration and validation, I attempt to make a case for concepts such as 1) testing models with a wide range of expected outcomes, 2) use soft data and process understanding, 3) putting the uncertainty in the context of the end use, 4) coupling modelling with field experimentation, 5) building collaborative working relationships, and 6) keeping interpretations as simple and transparent as possible. I close with a general discussion of future strategies.

Coffee and cookies will be available during the seminar.

If you wish to contact us, please email climate@uvic.ca.