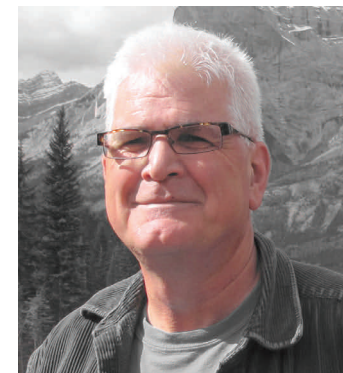


"Our environment is our future"

## RESEARCH COLLOQUIUM SERIES

### Dr. Brad Hawkes

Canadian Forest Service  
Pacific Forestry Centre, Victoria, BC



**Friday**

**Jan. 25, 2013**

**3:30 - 4:30**

**LECTURE THEATRE**

**7-158**

## RESPONSE OF SOUTHWEST YUKON FORESTS TO SPRUCE BEETLE

In 2000 and 2002, monitoring plots were established within the area infested by the spruce beetle, *D. rufipennis*, in southwest Yukon by the Canadian Forest Service. The study objective was to document long-term changes in spruce mortality, stand dynamics, tree regeneration, surface vegetation response, and surface woody fuel load. A partial plot re-assessment was conducted in 2010 to determine stand condition, understorey and seedling density, and coarse woody debris mass. A sub-set of the re-assessed plots had spruce increment cores and basal sections collected to determine growth release of overstorey trees, as well as, understorey and seedling establishment dates. Preliminary results of the plot re-assessment will be presented.