

**Mountain Pine Beetle Ecology Program
Workshop
March 26, 2010
Lister Hall, University of Alberta
Aurora Room**

09:00 – 09:15 **Welcome and Introduction to the Workshop**
Don Podlubny, MPBEP Program Lead, Foothills Research Institute

09:15 – 10:00 **Alberta Mountain Pine Beetle Status**
Daniel Lux, Manager Forest Health, ASRD

10:00 – 10:15 **BREAK**

**Monitoring and Decision Support for Regeneration Management in a
Mountain Pine Beetle Environment**

10:15 – 10:30 **Decision Support Tool Project Overview**
Dr. W. R. Dempster, Consultant

10:30 – 11:00 **Decision Support Tool Development and Prototype**
Willi Fast, The Forestry Corp

Public and Expert Understandings of MPB in Alberta

11:00 – 11:30 **Project Preliminary Results**
Dr. Bonita McFarlane CFS, Northern Forestry Centre

Mountain Pine Beetle Phenology and Success in Whitebark Pine in Alberta

11:30 – 12:00 **Report on Work Completed to Date**
Evan Esch, University of Alberta

12:00 – 13:00 **LUNCH**

**Effects of Mountain Pine Beetle attack on hydrology and post-attack
vegetation and hydrologic recovery in lodgepole pine forests in Alberta**

13:00 – 13:30 **Hydrology Project**
Dr. Uldis Silins and Pablo Pina, University of Alberta

13:30 – 14:00 **Post Attack Vegetation Studies**
Dr. Ellen MacDonald and Anne McIntosh, University of Alberta

Using Oblique Historical Photos to Determine Past Mountain Pine Beetle Susceptibility

14:00 – 14:30 **Report on Project Work Completed to Date**
Chris Stockdale, Burning EcoLogic

**Does prescribed fire affect population dynamics of mountain pine beetle?
Evaluating population success and fitness on fire-injured trees**

14:30 – 15:00 **Report on Project Work Completed to Date**
Crisia Tabacaru, PhD Candidate, University of Alberta

Remote sensing and spatial modeling to spatially and temporally detailed disturbance (including mountain pine beetle) products in support of grizzly bear habitat use and movements

15:00 – 15:30 **Project Update**
Karen Graham, Grizzly Bear Program Biologist, Foothills Research Institute

15:30 – 16:00 **Wrap up and Discussion of Potential Future Work**
Don Podlubny, MPBEP Program Lead, Foothills Research Institute