

*UW Forest Management  
and Engineering Division*

University of Washington  
College of Forest Resources  
Forest Management & Engineering Division Box 352100  
Seattle, WA 98195-2100

May 22, 2000

Tom Robinson  
Regional Manager  
Washington State Dept. of Natural Resources  
Olympic Region  
411 Tillicum Lane  
Forks, WA 98331-9797

Dear Mr. Robinson,

As you know, the UW senior forest engineering class is developing a general watershed and transportation/harvesting plan for the Burnt Mountain area. We have been working with Mark Johnsen, DM on this project since early Winter, identifying the issues and opportunities for management under DNR's HCP rules. As part of the educational objectives for the FE seniors we are introducing new technologies such as "Envision" a visual simulation program that allows the visualization of complex management concepts from the stand level to the watershed (and landscape) scale. In any case, one of the highlights has been the oral presentation of the results to involved DNR management, usually at their regional offices

Working with Mark Johnson, a presentation date of Tuesday, May 30, 2000, at 1.30pm in the Hemlock Meeting Room at the ONRC (room arrangements have already been made) has been identified that accommodates your schedule. Mark has graciously taken care of all of our needs to this point, and any further coordination for the presentation will be done through him.

We propose the following agenda, subject to your approval: (see schedule on the following page)

The project has been challenging and provided the students with an appreciation for the problems faced by your staff. It has been, without a doubt, an excellent learning opportunity for all involved. The FE seniors and I look forward to seeing you and your staff May 30, 2000. You can follow the progress of the project on our website, including a secure discussion site that allows your staff to communicate with us independent of location.

Website: <http://courses.washington.edu/fe450/> then click on "Current Project: Burnt Mtn\_2000"

.Sincerely

Peter Schiess



Professor, UW Forest Engineering.

Cc: Tom Robinson, Manager, DNR Olympic Region  
Stuart Blocher, State Lands Assistant Manager, DNR Olympic Region  
Mark Johnsen, District Manager, DNR  
Anthony O. Ifie, Manager, Engineering Division, DNR  
Dave Wolfer, Assistant Manager, Engineering Division, DNR  
Charles Hanlin, Contract Administrator, DNR  
Richard Bigley, DNR  
John Calhoun, Director ONRC  
David Thorud, Dean UW-CFR

Rick Gustafson, Chair M & E Division UW-CFR  
Electronic distribution list (e-mail list)

### Agenda

<b>12:00 noon</b>	Setup of displays, maps, materials, etc
<b>1:30pm</b>	Introduction of design team <b>Peter Schiess</b>
1:45pm	Goals, objectives, constraints, project expectations <b>Aaron McDonald</b>
2:00pm	Watershed analysis, site stability and erosion issues <b>Aaron McDonald, FE Senior</b>
2:15pm	<b>Silvicultural Issues</b> Silvicultural goals and objectives Discussion on growth modeling Growth modeling outputs <b>Tamra Zylstra, FE Senior</b>
2:30pm	<b>Preliminary Design Process &amp; Transportation Systems</b> Discussion of designed road systems based on planning and field verification (e.g., location, stream proximity, access, etc.) <b>Barry Collins &amp; Bill Heymann, FE Seniors</b>
<b>2:45pm</b>	<b>Break</b>
3:00pm	Harvest equipment requirements and timber constraints/opportunities <b>Justin Gardner, FE Senior</b>
3:15pm	Production and Cost potential for thinning operations in the Burnt Mtn area <b>Aaron Roark, FE Senior</b>
3:30pm	Recommendations <b>Robbie Stewart, FE Senior</b>
3:45pm	Visual simulations and presentations of silvicultural strategies and equipment requirements <b>Luke Rogers, TA &amp; Research Assistant</b>
4:00pm	A proposed numerical procedure for predicting the increased risk in landsliding as a result of road access and silvicultural operation for the Burnt Mtn project area <b>Finn Krogstad, Research Associate</b>
<b>4:15pm</b>	<b>Discussions</b>
<b>4:30-5:00pm</b>	<b>Adjourn</b>