Field Tour of the Blue Ridge Unit – Harvest Treatments and Management Considerations

Overview

Boxed lunches, hard hats, and transportation to the field site are provided.
Please follow signs to the buses and be ready to load by 12:15 pm.

Individuals participating in the field tour need to:

- wear sturdy closed-toed shoes
- dress for the weather – this tour will happen rain or shine
- bring enough water and personal snacks for the afternoon
- bring your own hard hat or be prepared to wear a loaner
- bring notepad, pencil, and camera if you wish to take notes

We will depart from Evergreen State College by 12:20 pm and return to campus around 5:00 pm. We will be gone for ~5 hours, including 2 hours of travel and 3 hours in the woods. There will be outhouses available at 2 of the stops. During the tour, participants will travel by foot on primitive trails and roads to view treatment units.

The Blue Ridge Unit in Capitol State Forest managed by Washington State Department of Natural Resources and is part of on-going studies by WA DNR and the U.S. Forest Service. **There is active logging near the site and logging trucks drive along the roads – while WA DNR field staff will be monitoring the area – all participants need to stay aware!**

Blue Ridge Unit sites:

Stop 1 - Treatment Units:
Non-treated control, ~90-year second-growth
Clearcut (~19 yrs) even-aged management
Two-age stand

Stop 2 - Treatment Units:
Group selection (0.1-1.5 acre openings), Uneven-aged management
Patch cut (1.5-5 acre openings), Uneven-aged management

Stop 3 - Treatment Units:
Repeated thinning, Uneven-aged management

Field Tour Speakers:

- Calvin Ohlson-Kiehn, Washington State Department of Natural Resources, State Lands Silviculture Program
- Jeff DeBell, Washington State Department of Natural Resources, Silviculturist & Geneticist
- Timothy Harrington, US Forest Service, PNW Research Station, Research Scientist
- Derek Churchill, Washington State Department of Natural Resources, Forest Health Scientist
- Connie Harrington, US Forest Service, PNW Research Station, Research Forester
- Dylan Fischer, Evergreen State College, Forest Ecology
- Kirk Hanson, Northwest Natural Resource Group

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Schedule	Activity
12:20-1:20 PM	Travel to Capitol State Forest
1:20-1:25 PM	Exit the vans and follow speakers into stop 1
1:25-1:35 PM	Stop 1: Calvin Ohlson-Kiehn will welcome guests to Capitol Forest Jeff DeBell & Tim Harrington give context to research & what we are seeing
1:35-2:35 PM	Stop 1: Jeff & Tim – control 86-year old stand, clear cut stand (now 19 years old), two-aged stand, silvicultural practices about the three sites Derek Churchill - discusses climate resilience & other considerations
2:35-2:40 PM	Biobreak & get into vans
2:40-3:10 PM	Stop 2: Tim & Jeff - groups and patches stands Connie Harrington - seedlot selection in the stands Derek - discusses climate resilience & other considerations
3:10-3:15PM	Get into vans
3:15-4:15 PM	Stop 3: Tim & Jeff - thinning stand that's had two commercial thinnings over 20 yrs Dylan Fischer - discusses carbon analysis Derek - discusses climate resilience & other considerations Let's Discuss - Question & Answer Time
4:15-4:20 PM	Biobreak & get into vans
4:20-5:00 PM	Travel to Evergreen State College *(however long traffic takes)*
5:00 PM-ish	Arrive at Evergreen State College for Reception and Dinner

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	Stand volume/growth response *T. Harrington & J. DeBell*	**Seedling considerations & seedlot selection** *C. Harrington*	**Forest carbon storage** *D. Fischer*	**Vulnerabilities to climate change** *D. Churchill*	**Adaptation strategies for climate resilience** *D. Churchill*	**Other observations** *Thoughts from the Group*
Non-treated control, ~90-year second-growth *Field trip stop 1*						
Clearcut (~19 yrs) Even-aged management *Field trip stop 1*						
Two-age stand *Field trip stop 1*						
Group selection (0.1-1.5 acre openings) Uneven-aged management *Field trip stop 2*						
Patch cut (1.5-5 acre openings) Uneven-aged management *Field trip stop 2*						
Repeated thinning Uneven-aged management *Field trip stop 3*						