

Washington SAF and TWS Annual Meeting Program

Tuesday April 14

8:00 am – 4:00 pm Pre-meeting Workshop - Forestry 101 for Biologists

Wednesday April 15

Organization Meetings

9:30 – 11:30 am WSSAF Executive Committee.

10:00 – 11:30 am NW Section The Wildlife Society (All TWS Members Welcome).

11:45 am - 1:00 PM Lunch Buffet and Speaker: Elk hoof disease – Dr. Kristin Mansfield, Veterinarian.
Washington Dept. of Fish and Wildlife.

1:30 – 5:00 pm Concurrent Technical Sessions: I Parts A and B, and Session II

Session I Part A. *Complicating Factors for Forest T&E Species*

- Introduction – Bill Vogel, U. S. Fish and Wildlife Service, Olympia, WA.
- Murrelets and fish – Martin Raphael, USDA Forest Service Pacific NW Research Station, Olympia, WA.
- Barred owl control – Lowell Diller, Green Diamond Resource Company (retired), Korbel, CA.
- Barred owl habitat selection – Laura Weisel, Humboldt State University, Arcata, CA.

Break

Session I Part B. *Carnivore Conservation - Forest Management Implications*

- Grizzly Bears –William Gains, Washington Conservation Science Institute, Leavenworth, WA.
- Grey Wolves – Donny Martorello, Washington Dept. of Fish and Wildlife, Olympia, WA.
- Lynx – Scott Fisher, Washington Dept. of Natural Resources, Colville, WA.
- Fisher – Jeffrey Lewis, Washington Dept. of Fish and Wildlife, Olympia, WA.

Break

- Landowner Experience with Carnivore Conservation – Lorin Hicks, Plum Creek Timber Co., Columbia Falls, MT.
- Discussion

Session II. *Field Technology*

- GPS - New satellites, stronger signals, better accuracy. Do you need to upgrade receivers – Steve Wilent, Editor Forestry Source, Rhododendron, OR.
- Expanded LiDAR coverage for improved unstable slope detection - Stephan Slaughter, Washington Dept of Natural Resources, Olympia, WA
- Using LiDAR data in forest inventory – Peter Gould, Washington Dept of Natural Resources, Olympia, WA.

Break

- Unmanned aerial vehicles for remote sensing in forestry – The potential - Dr. Monika Moskel, UW Precision Forestry Cooperative, Seattle, WA.
- Panel Discussion: Phones, tablets and apps for data collection and analysis
- Presenter TBA

5:00 - 6:00PM Student Mentoring Session

6:00 – 9:00 PM Hosted Reception

Thursday April 16

8:00 – 8:15 AM

Formal Opening and Greeting

8:15 to 11:45 AM

Plenary Session:

“Forestry and Wildlife Management-Working Together Toward Common Goals”

The five speakers will address our meeting theme from their experience and knowledge highlighting cooperation, conflict and opportunities in managing issues where wildlife and forestry intersect. We welcome:

- Paul Henson, Oregon State Supervisor for the U. S Fish and Wildlife Service, Portland, OR.
- Kyle Blum, Deputy Supervisor for State Uplands, Washington Department of Natural Resources, Olympia, WA.
- Jeff Davis, Asst. Director for the Habitat Division Washington Department of Fish and Wildlife, Olympia, WA.
- Rachael Jamison, Manager of Sustainable Forestry Weyerhaeuser Company, Federal Way, WA.
- James Schroeder, Director of Conservation Eastern Washington, The Nature Conservancy. Seattle, WA.

11:45 AM -1:00 PM

Luncheon Buffet and Speaker Bill Richardson, Oregon & Washington Senior Lands Program Manager Rocky Mountain Elk Foundation.

1:15 – 5:00

Concurrent Technical Sessions I, II and III

Session I. ***Forestry Research in Washington***

- Forestry and forest science at the University of Washington – Tom DeLuca Director UW School of Environmental and Forest Science, Seattle, WA.
- Spatial forest planning for timber and wildlife objectives – A systems engineering approach – Sandor Toth, UW School of Environmental and Forest Science, Seattle, WA.
- Applying LiDAR to improve forest habitat models – Aaron Johnston, USGS Northern Rocky Mountain Science Center, Bozeman, MT.
- A new model capturing edge effects in forest management – Kai Ross, UW Quantitative Ecology and Resource Management (QERM), Seattle, WA.

Break

- Results of variable-density thinnings – Connie Harrington, USDA Forest Service Pacific Northwest Research Station, Olympia. WA.
- Using pathfinding algorithms to design wildlife corridors in harvest scheduling models – Rachel St. John, UW Industrial & Systems Engineering, Seattle, WA.
- Charcoal as legacy of fire in the Pacific Northwest- Melissa Pingree, UW School of Environmental and Forest Science, Seattle, WA.

Session II. ***The Importance of Forest Management to Early Seral Habitats***

- Young stand management in the Pacific NW –A. J. Kroll – Weyerhaeuser Co. Federal Way, WA.
- Early-seral pre-forest in the Pacific NW: Diverse conservation values –Mark Swanson, Washington State University, Pullman, WA.
- Tradeoffs between biodiversity and timber production Jim Rivers, Oregon State University, Corvallis, OR.
- Effects on herbivory and herbicides on plant communities in intensively managed forests – Thomas Stokely Oregon State University, Corvallis, OR.

Break

- Influence of forest management on early seral songbirds – Dr. Jim Rivers, Oregon State University, Corvallis, OR.
- Effects of silvicultural herbicides on the nutrition of black-tailed deer – Amy Ulappa Washington State University, Pullman, WA.

Session III. Adaptive management workshop

- Welcome, overview and introductions Teodora Minkova and Jennifer Arnold Washington Dept. of Natural Resources, Olympia, WA.
- 5-min "IGNITE" talks on history and implementation of adaptive management. - Bill Vogel, Bernard Bormann, Bill Beese, Lorin Hicks. Michael McClellan Teodora Minkova and Tim Quinn.
- Reflections

Break

- Elements of adaptive management discussion.
- What lessons can we draw from our collective experiences?
- Summary and closing thoughts.

5:00 – 6:00 PM No-Host Social Mixer

6:00 – 8:30 PM Awards Banquet (Not included in registration fee separated ticketed item)

Friday April 17

7:30 – 9:00 AM Concurrent Membership Breakfast Meetings

- Washington State Society of American Foresters
- The Wildlife Society Washington Chapter

Concurrent Events

9:15 AM – 3:30 PM SAF Forestry Tour: *Forestry with a Different Twist*

9:15 AM – Noon The Wildlife Society Contributed Technical Papers in Three Concurrent Sessions.
Session 1 *Ungulates*.
Session 2 *Wildlife Habitat Relationships*.
Session 3 *Carnivores*.