

You are invited to attend: ECOLOGICAL FORESTRY



Restoring Habitat Complexity in Managed Forests

Forests in the Pacific Northwest are extraordinarily resilient and productive ecosystems. Careful forest management can provide robust wildlife habitat, sustained yields of many different forest products, and a wide range of ecosystem services including carbon sequestration and water quality.

This afternoon seminar and tour will introduce forest owners to the principles of ecological forestry as well as strategies for successful implementation on their own lands. Following an indoor presentation, participants will join several seasoned practitioners for a tour of various stands at Northwest Trek that are currently being thinned using a variety of innovative harvesting and post-harvest restoration strategies.

This seminar and tour will provide useful information for all types of forest owners and managers including family forests, land trusts, non-profit conservation groups, municipalities, and consulting foresters.

Key topics will include:

- The scientific basis for ecological forestry
- Innovative harvesting methods, including:
 - Dispersed, grouped, and feature-based variable retention
 - Group selection
 - Variable density thinning
 - Individual tree selection
- Tree marking protocols for harvesting
- Snag and downed woody debris recruitment
- Enhancing and restoring wildlife habitat
- Regeneration strategies
- Enhancing carbon sequestration
- Managing forest disease
- Post-harvest site restoration

DATE: Saturday, January 10th, 2009

LOCATION: Northwest Trek, Eatonville, WA (directions on back)

COST: \$35

MORE INFO: Kirk Hanson: 360-316-9317, kirk@nnrg.org

REGISTRATION: Pre-registration is required as space is limited. Please use the form on the backside of this flier to register.

Sponsored by:



PRESENTERS:

Keynote

Dr. Andrew Carey

Tour Guides

Kirk Hanson
Northwest Certified Forestry

Jake Pool
Northwest Trek

And others...

AGENDA:

1:00 Introductions

1:15 Intro. to NW Certified Forestry

1:30 Eco Forestry Presentation

3:15 Forest Tour

5:30 End

Northwest Certified Forestry is a non-profit membership and services program developed by the Northwest Natural Resource Group to assist small forest landowners with optimizing the economic and ecological potential of their forestlands. Visit www.nnrg.org for more information.

Keynote Speaker: Dr. Andrew Carey

Andrew Carey is an Emeritus Scientist with the Pacific Northwest Research Station of the US Forest Service, an Affiliate Professor of Forest Ecosystem Science at the University of Washington, and a consultant to conservation groups and city, state, and federal natural resources agencies. He retired from the Forest Service in 2004. During 22 years of research in Oregon and Washington, he studied plants, fungi, and wildlife associated old-growth forests and compared old-growth forest ecosystems with naturally young and managed forests. His latest research was on how to manage second-growth forest to provide the multiple values that people desire, from diverse biotic communities to sustainable production of wood products. Dr. Carey has a B.S. in Forestry & Wildlife Management, an M.S. in Wildlife Management, a Ph.D. in Zoology & Entomology.

Suggested reading:

1. Promoting Habitat Complexity in Second Growth Forests
<http://www.treesearch.fs.fed.us/pubs/5014>
2. Restoring Complexity: Second-Growth Forests and Habitat Diversity
<http://www.treesearch.fs.fed.us/pubs/4633>
3. Response of Birds to Thinning Young Douglas-fir Forests
<http://fresc.usgs.gov/products/fs/fs-033-03.pdf>
4. AIMing for Healthy Forests: Active, Intentional Management for Multiple Values.
<http://www.treesearch.fs.fed.us/pubs/29208>

Directions:

Northwest Trek: [Mapquest directions](#) [Google directions](#)

11610 Trek Dr E
Eatonville, WA 98328

From Olympia:

Traveling north on I-5, take exit #111 and go east on SR 510. Follow SR 510 for about 16 miles to Yelm. In Yelm, SR 510 becomes SR 507. Continue straight through Yelm on SR 507 for about 3 miles until you reach McKenna. Turn right at the first stoplight in McKenna onto SR 702. Travel for 10 miles on SR 702 until SR 7. Cross SR 7 at the blinking light and turn right following the Eatonville Cut Off road. Proceed until you reach SR 161 at Barney's Corner. Turn left onto SR 161. Northwest Trek is about two miles north on the right side of the highway.

Registration Form for Ecological Forestry

Name: _____

Address: _____

Phone: _____ **E-mail:** _____

Registration: # attending _____ x \$35 = \$ _____

To register, mail payment to:
NNRG
PO Box 1067
Port Townsend, WA 98368
Make checks payable to: NNRG