



**Welcome to
Woodland Management in
western Oregon**

Remote Delivery Pilot, Spring 2020

For Benton, Lane, Linn, Polk counties and beyond.

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OSU Forestry & Natural Resources Extension



Class 1

Getting to know your property

Your goals, getting
a sense of your
property/site and
tree identification

Poll

How do you think of/refer to the area on your property with trees?



Poll

Indicate your top 3 Forest Stewardship Values



“You and Your Woods” Activity

- History
 - How long have you owned the property?
What was its condition when you got it?
- The forest itself
 - How much is wooded? What is it like now?
- You and the forest
 - How you use it now. Why?
 - What you want it to be in the future. Why?
- Remember your photos/maps

- For those interested in management plans, check out the Oregon Forest Management Planning website.
- <http://blogs.oregonstate.edu/forestplanning/>

The Class

The mid-Valley

- Ted C, 43 acres, outside Corvallis
- Tom and Audrey, 12 acres, outside Corvallis
- Bruce and Robbin, 100 acres, Kings Valley
- Monika and Denver, 16 acres, near Sublimity
- Paul and Deirdre, 750 acres, east of Scio
- Dan, 120 acres, near Scio
- Emily and Vince, 350 acres, near Stayton
- Phillip, 38, east of Brownsville.
- Claire, 8 acres, near Turner

Lane and Coastal OR

- Pamela and John, 11 acres, Cheshire
- Philip K, 40 acres, Lane county
- Rick, 200 acres, Mapleton
- Rich, 33 acres, near Florence
- Chuck and Jenny, 43 acres, in Lincoln County
- Diane and Linda, 350 acres, near Lakeside

- **Jackson & Josephine**
- Dave and Kathy, 6 acres, near Ruch
- Chere, 21 acres, Jackson
- Don, 11 acres, near Grant's Pass

Knowing and Assessing your Property

Site Factors



Climate
Precipitation
Temp
Growing
Season



Topography
Slope
Aspect
Elevation

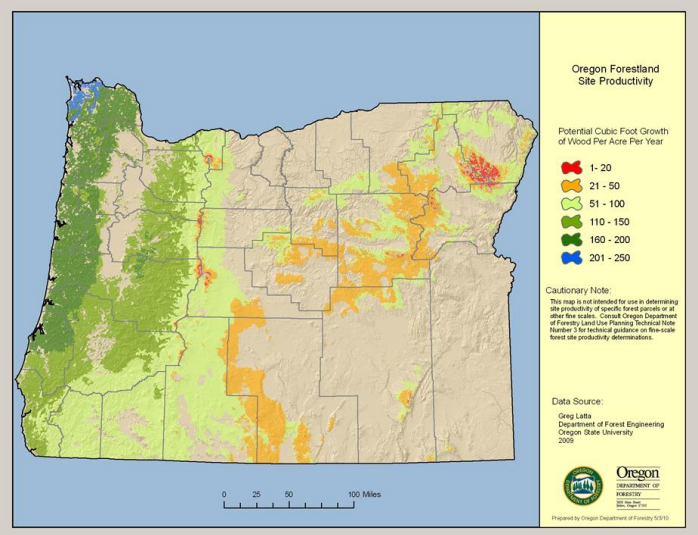


Soils
Texture
Depth
Fertility



=

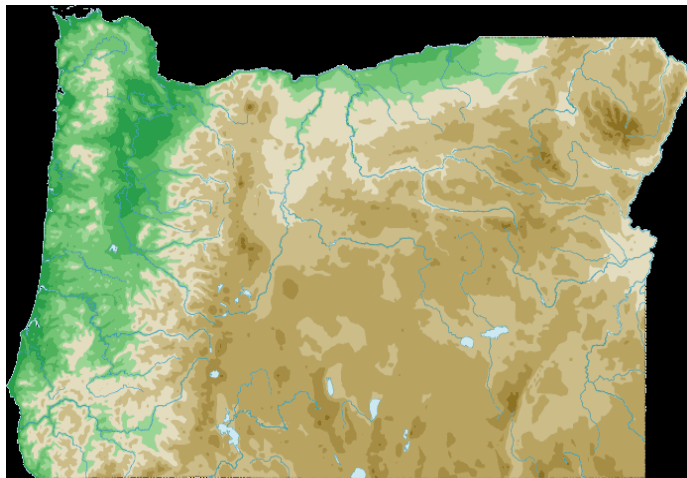
Productivity/Quality
of a site



Ability of a site to grow stuff

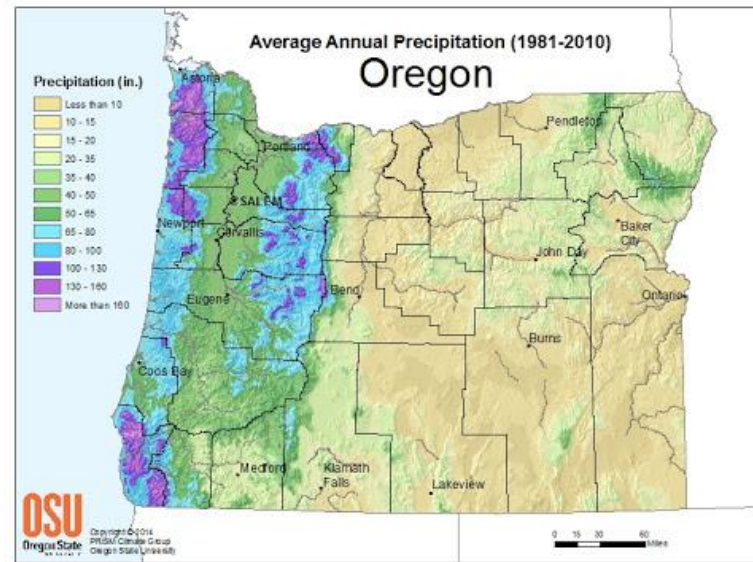
Very different scales
Interact

Oregon Topography



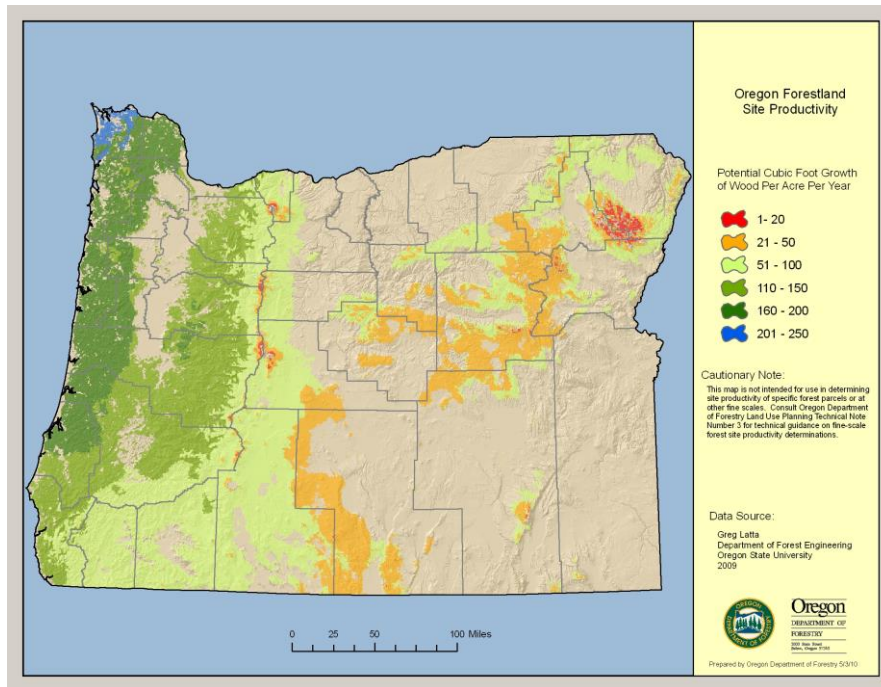
<https://www.oregon-map.org/oregon-nc.gif>

Oregon Average Annual Precipitation

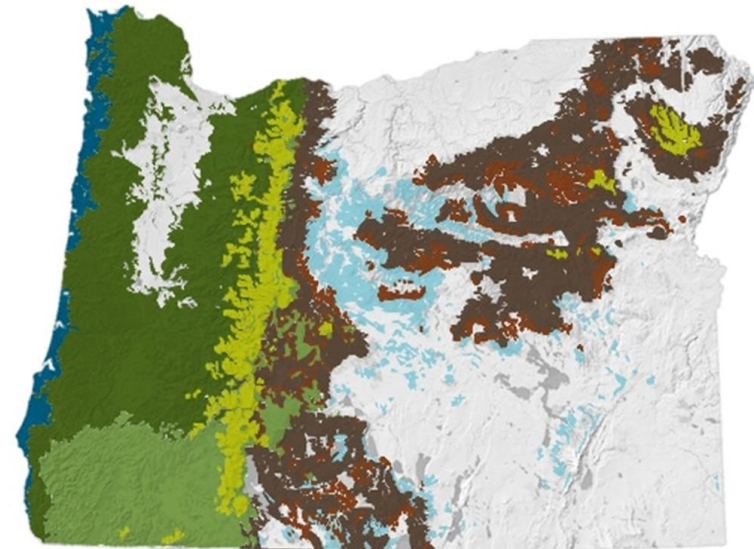


https://www.prism.oregonstate.edu%2Fprojects%2Fgallery_view.php

Oregon Forestland Site Productivity



Forest Types in Oregon



<https://oregonforests.org/content/forest-type-interactive-map>

Site Factors



Climate

- Precipitation
- Temp
- Growing Season



Topography

- Slope
- Aspect
- Elevation



Soils

- Texture
- Depth
- Fertility



Your site



What grows, how well it grows, the health & resilience of the forest, what else lives there

How do you learn about your property's site characteristics?

Observe

- Place to place
- Season to season
- Year to year





You are here: Web Soil Survey Home

- Search
- Enter Keyword Go
- All NRCS Sites
- Browse by Subject
- Soils Home
 - National Cooperative Soil Survey (NCSS)
 - Archived Soil Surveys
 - Status Maps
 - Official Soil Series Descriptions (OSD)
 - Series Extent Explorer
 - Geospatial Data Gateway
 - eFOTG
 - National Soil Characterization Data
 - Soil Health

The simple yet powerful way to access and use soil data.



Welcome to Web Soil Survey (WSS)



Web Soil Survey (WSS) provides soil data and information produced by the National Cooperative Soil Survey. It is operated by the USDA Natural Resources Conservation Service (NRCS) and provides access to the largest natural resource information system in the world. NRCS has soil maps and data available online for more than 95 percent of the nation's counties and anticipates having 100 percent in the near future. The site is updated and maintained online as the single authoritative source of soil survey information.

Soil surveys can be used for general farm, local, and wider area planning. Onsite investigation is needed in some cases, such as soil quality assessments and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center at the following link: [USDA Service](#)

- I Want To...
- Start Web Soil Survey (WSS)
 - Know Web Soil Survey Requirements
 - Know Web Soil Survey operation hours
 - Find what areas of the U.S. have soil data
 - Find information by topic
 - Know how to hyperlink from other documents to Web Soil Survey
 - Know the SSURGO data structure
 - Use Web Soil Survey on a mobile device

Announcements/Events

- Web Soil Survey

North Benton County Site

- 155 acres
- Douglas-fir ages
 10, 20 & 40 years
- 5 acre field W
- 8 acre wet prairie W
- Forests to N, E, S
- Clear-cut to E
- Ag field to W



Management for Wildlife and Conservation

- Mixed conifers and hardwoods (7 acres)
- Open areas: shrubs , forbs and grasses (15 acres)

Wildlife

Deer, bear, elk, coyotes

Raptors and song birds

Pollinators too?

Habitat

Wet/upland prairie



Tree Identification



Tree ID quiz

2 examples:

- A conifer.
- A broad leaf.

Tree Identification Game Quiz

- Clues will appear one at a time
- Raise hand when your table knows what it is
- Review as a group

Species?



Grand fir

- Very shade tolerant
- Found in mixture with Douglas-fir
- Needles are arranged in flat planes, cones are upright
- Bark is more gray-brown than Douglas-fir, inner bark is reddish brown
- Prefers moist locations and common in streams, valleys and lower slopes
- Subject to trunk rots because doesn't seal wounds with resin



Species?



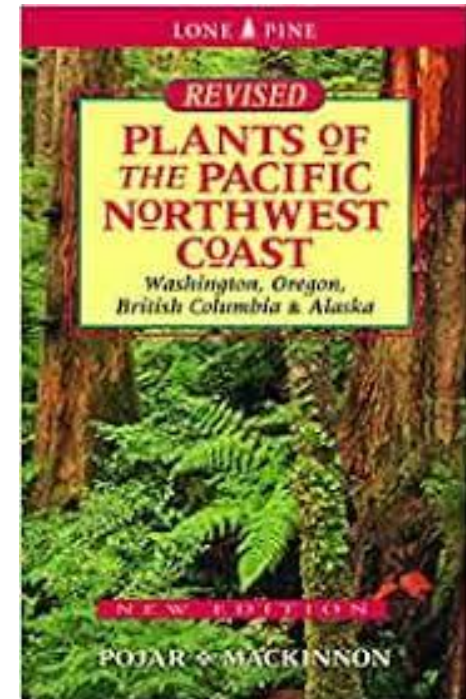
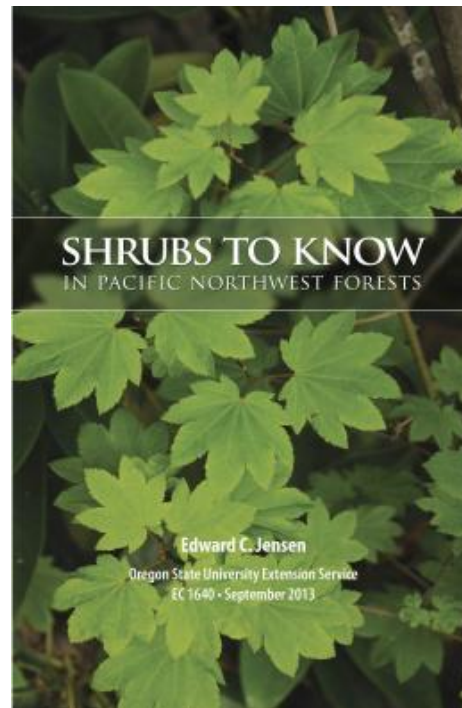
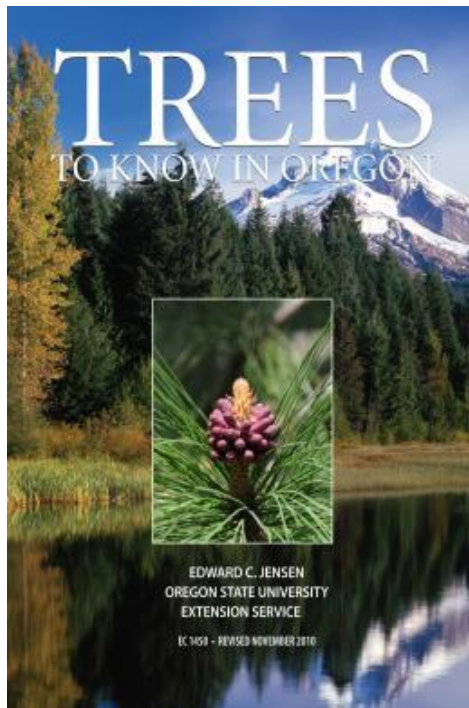
Oregon white oak

- Intolerant of shade
(will get outcompeted
by conifers)
- Very important wildlife
habitat
- Historically found in
woodlands and
savannas
- Tolerates a variety of
soils



Useful resources

- <http://oregonstate.edu/trees/>
- Useful books



- A short, simple plant ID video



- Norma Kline, FNR Coos& Curry County
(Turns out with a little help, Luddite can embed!)

Fun (optional) Homework

Get out and look at the trees and shrubs they have. Learn and or share.

- Learn a tree or shrub that is new to you (any method). Send us an image.
- Make a brief plant ID video (show one of Norma's as an example). Time limit: _____. Post it to us (Box instructions or whatever to follow in next letter).
-

Plus/Delta Evaluation

- Please use your Chat
- Tell us 1-3 things you liked, though worked about today's class.
- Tell us 1-3 things that you thought did not work so well, and could be improved

wrap up

- Will get an email with study recommendations from Brad & Lauren. Links to reading and or videos. Recap expectations.
- Please contact us if you have questions.
- Thank and close.