NATIONAL ADVANCED SILVICULTURE PROGRAM (NASP)

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Outline

- What is NASP
- Why NASP is important
- How NASP came about
- □ Eastern Region Steps to Certification





NASP is....

- □ National Advanced Silviculture Program
- □ Attendees FS, BLM, BIA, and States
- □ Graduate-level training
- Four National Modules
- Local Modules
- Project stand



Why NASP is important

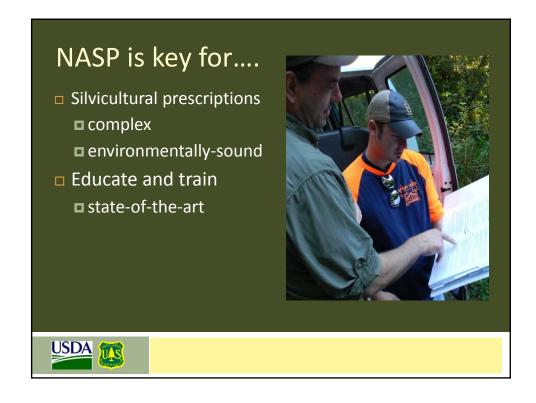


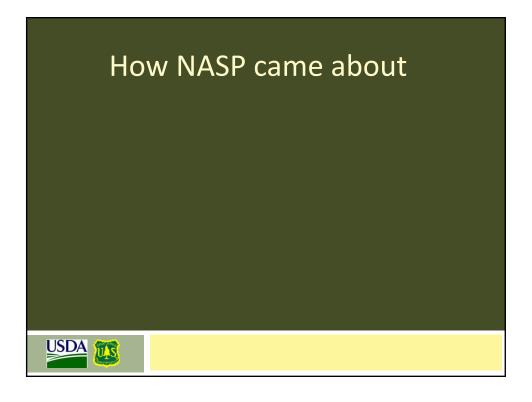


Forest Service Certification

- □ A Certified Silviculturist with the US Forest Service is:
 - □ Certified by the Regional Forester
 - **■** Experienced
 - Trained
 - Tested
 - Recertified







Clearcutting Controversy

- □ 1960s Bitterroot NF clearcutting and terracing
- Bolle report criticized the Forest Service
- "mining" timber





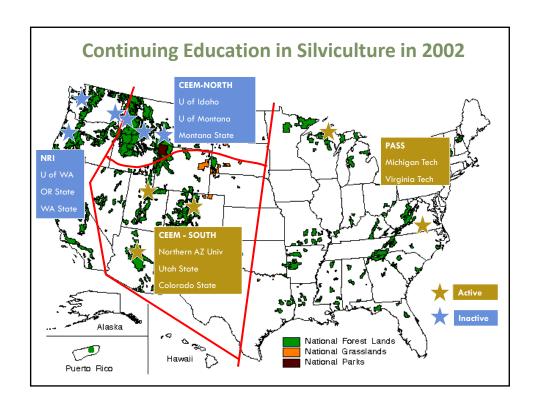


Effects of Controversy

- 1971 Team recommended
 - □ improving knowledge,
 - skills, and
 - **□** abilities for silviculturists
- □ 1973 FS Chief directed Regional Foresters
 - silviculture certification programs

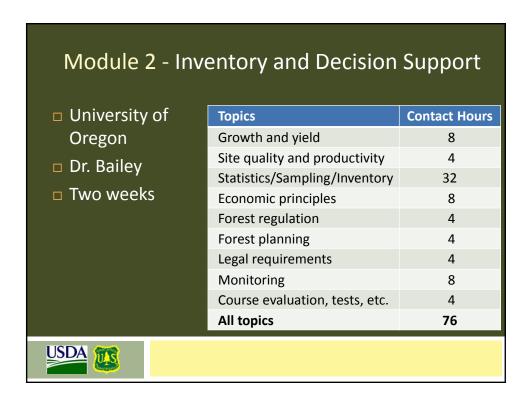








Module 1 - Ecological Systems University of **Contact Hours Topics** Minnesota Forest ecology 16 Geology, landforms, soils 16 Drs. Windmuller-8 Hydrology and watershed Campione & Tree physiology 12 Sagor Silvics of forest trees 4 ■ Two weeks Genetics 8 8 Fire ecology, fire behavior Course evaluations, tests etc. 4 All topics 76 USDA IIIS



Module 3 - Landscape Ecology **Contact Hours Topics** University of Introduction to Landscape Ecology 2 Mass & 2 Concepts of Scale Northern 6 Characterizing the landscape Arizona Univ. Processes that structure landscape 6 10 Disturbance ecology ■ Dr. McGarigal Fire ecology 8 ■ Two weeks **Ecological implications** 10 Landscape dynamics 4 12 Landscape modeling Management applications 12 Course evaluation, tests, etc. 4 All topics 76 USDA (IS

Module 4 - Advanced	Topics	Contact Hours
	Silvicultural systems	14
	Regeneration	20
Silviculture	Stand and forest dynamics	24
Topics	Integrated pest management	4
	Fish, wildlife, TES	6
University of	Rangeland management	2
	Scenery management	2
Tennessee	Timber, markets, utilization	2
■ Dr. Clatterbuck	Harvest systems	4
	Prescribed fire	4
□ Three weeks	Diagnosis process	4
	Rx preparation practice	26
	Course evaluation, test, etc.	4
	All topics	116
USDA (IS)		

Eastern Region Local Modules

- Lake States
- Southern Region Mountain
- □ Southern Region Pine





Eastern Region Local Modules

- Lake States
- □ Southern Region Mountain
- □ Southern Region Pine
- □ Northeast Silviculture Institute for Foresters





Eastern Region Steps to Certification





Step One

- ☐ Get experience <u>before</u> applying
 - Stand examination and inventory,
 - Sale preparation and administration,
 - Reforestation and stand improvement,
 - Land Management/Timber Management Planning, and
 - Writing silvicultural prescriptions.



