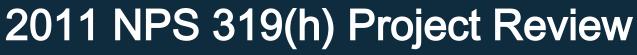
Arkansas Forestry Commission



U of A Cooperative Extension Service September 21-22, 2011





Arkansas Silvicultural NPS Project

Project # 08-700

> AFC BMP Guideline Books and Materials

BMP Guideline Book & Materials



Arkansas Silvicultural NPS Project

Project # 08-700

> AFC BMP Guideline Books and Materials

Fechnical & Non-Technical BMP Training

Technical and Non-Technical Training

Technical BMP Training

- Loggers and Foresters
- > 27 Workshops with 809 Trainees





Technical and Non-Technical Training

Non-Technical BMP Training

- Increase Landowner Awareness
- > 6 Workshops with 318 Landowners Attending



Arkansas Silvicultural NPS Project

Project # 08-700

> AFC BMP Guideline Books and Materials

- Fechnical & Non-Technical BMP Training
- Courtesy Exams



Program Taking Root

Site Specific Training

> 12 Sessions with 81 Foresters, Loggers and Landowners



Arkansas Silvicultural NPS Project

Project # 08-700

> AFC BMP Guideline Books and Materials

- Fechnical & Non-Technical BMP Training
- Courtesy Exams

Logger/Landowner Forestry Conference

Forest Products Exposition/Conference

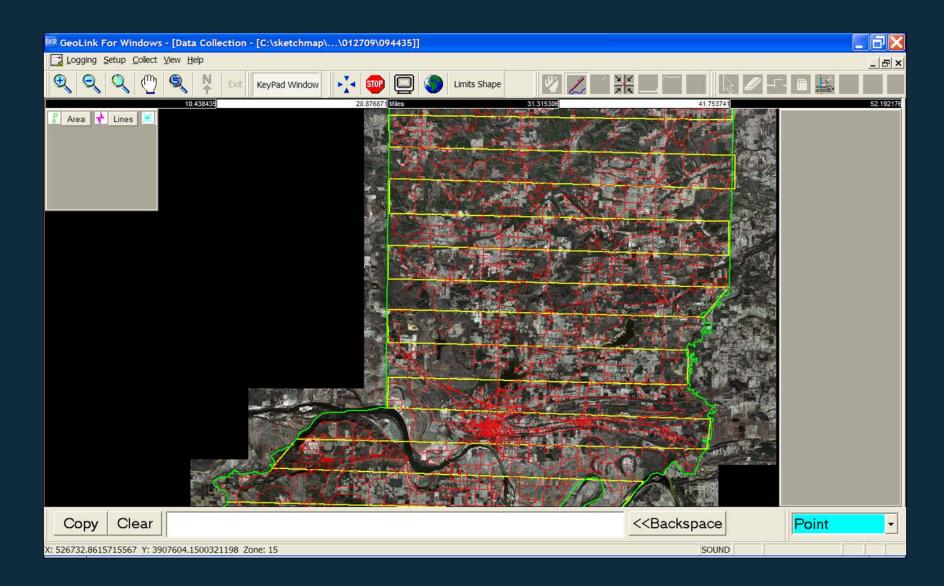


Arkansas Silvicultural NPS Project

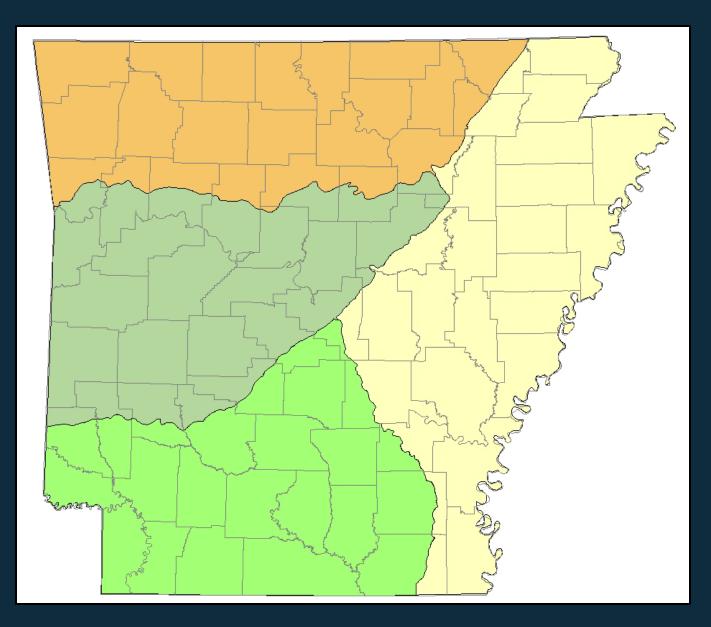
Project # 08-700

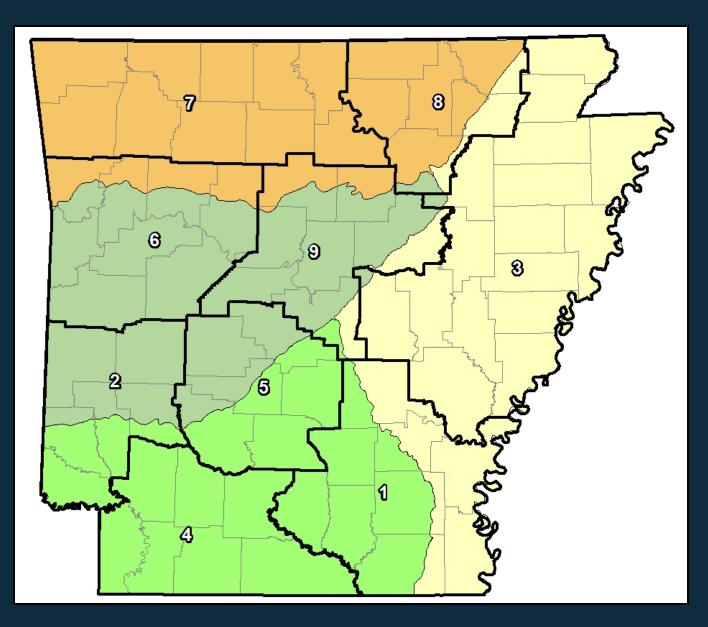
> AFC BMP Guideline Books and Materials

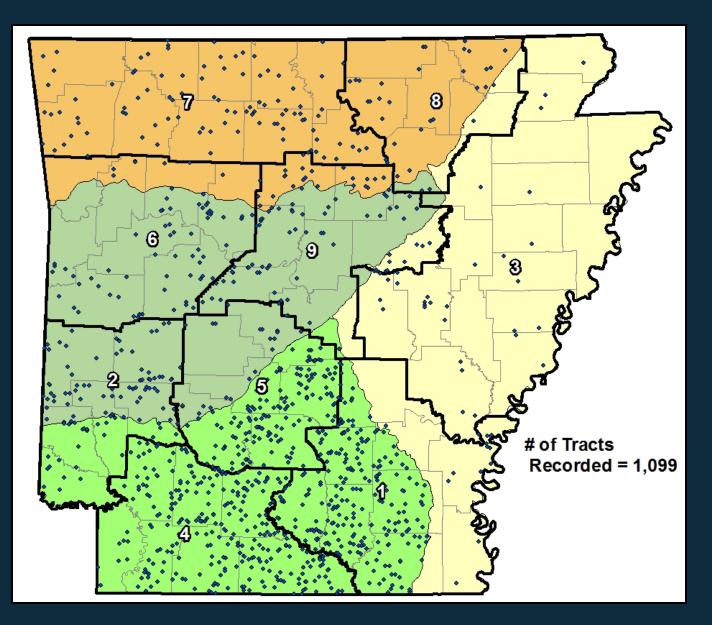
- Fechnical & Non-Technical BMP Training
- Courtesy Exams
- Logger/Landowner Forestry Conference
- > AFC Silviculture 7th BMP Assessment

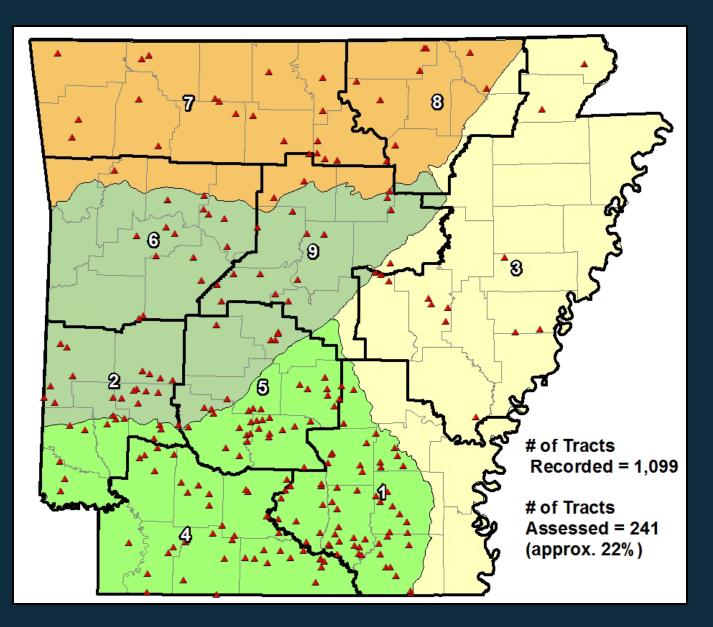












Previous BMP Implementation Averages

➤ 2005-2006: 88%

▶ 2007-2008: 86%

2010 – 2011: 89%



Implementation by BMP Category

Category	No. of Sites	Implementation Percent	Margin of Error	Statistical Difference*
Streamside Management Zones (SMZ)	182	82.1	3.58	С
Roads	175	85.7	2.38	b
Harvesting	241	95.2	1.16	а
Regeneration	57	95.2	2.58	а

Implementation by BMP Category

Category	No. of Sites	Implementation Percent	Margin of Error	Statistical Difference*
Streamside Management Zones (SMZ)	18 <mark>2</mark>	82.1	3.58	с
Roads	175	85.7	2.38	b
Harvesting	241	95.2	1.16	а
Regeneration	57	95.2	2.58	а

Implementation by Physiographic Region

Region	No. of Sites	Implementation Percent	Margin of Error	Statistical Difference*
Delta	14	85.8	5.42	a
Ouachita	42	90.3	3.43	a
Ozark	33	88.6	2.88	a
Southwest	152	88.5	2.01	a

Implementation by AFC District

AFC District	No. of Sites	Implementation Percent	Margin of Error	Statistical Difference*
1	59	87.5	3.47	a
2	30	90.9	4.92	a
3	13	86.4	5.73	a
4	40	87.3	3.62	a
5	38	90.3	3.67	a
6	15	90.5	6.49	а
7	20	89.2	3.67	а
8	8	83.0	5.27	а
9	18	90.6	3.01	а

Implementation by AFC District

AFC District	No. of Sites	Implementation Percent	Margin of Error	Statistical Difference*
1	59	87.5	3.47	a
2	30	90.9	4.92	a
3	13	86.4	5.73	a
4	40	87.3 (+7%)	3.62	a
5	38	90.3	3.67	а
6	15	90.5	6.49	а
7	20	89.2	3.67	a
8	8	83.0	5.27	а
9	18	90.6 (+14%)	3.01	а

Implementation by Ownership Class

Ownership Class	No. of Sites	Implementation Percent	Margin of Error	Statistical Difference*
Federal	10	97.2	2.07	a
State	4	87.2	12.87	abc
Industry	75	94.6	1.33	a
Corporate	51	89.8	2.95	b
PNIFLO	101	83.0	2.58	С

Implementation by Ownership Class

Ownership Class	No. of Sites	Implementation Percent	Margin of Error	Statistical Difference*
Federal	10	97.2	2.07	a
State	4	87.2	12.87	abc
Industry	75	94.6	1.33	a
Corporate	51	89.8	2.95	b
PNIFLO	101	83.0	2.58	с

Moving Forward

Find new ways to reach PNIFLOs

Target Consulting Foresters and Timber Buyers
 Establish BMP Demonstration Areas

Improve BMP assessment methodology
Incorporate Landsat Imagery

Re-evaluate training programs

Acknowledgements



Arkansas Natural Resource Commission



Environmental Protection Agency, Region 6



Arkansas Timber Producers Association



Arkansas Forestry Association



School of Forest Resources

Arkansas Forestry Commission



Questions?

www.arkansasforestry.org

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