

SRS/NC/VA State Staff Meeting
February 17, 2012
Haw River State Park, NC

Highlights of Meeting – Needs and Opportunities

- How do we facilitate existing knowledge
 - With all the existing information and ongoing work how can we share with others
- Address Changing Forest Products Industry
- In-Woods Chipping Biomass Left Behind
 - Soil Impacts
 - Water Impacts
- Buffer Placement (National Ag Center)
 - Need information on most effective and proper placement of buffers
- Tree Improvement Coops are decreasing/changing and may be one structure for conversation
- Certification
 - Need to show the cost benefits for landowners
- State Capacity to fight wildfire and manage forest
 - Need data/information that demonstrates changes that are occurring on the landscape and associated risk
 - Information will help strengthen budgets
- FACCTS – monthly conference calls – information will be sent to participants

Presentations Issues/Concerns

- John Pemberton –Virginia
 - Given the market and turn down in harvesting, growth and removal in southern piedmont part of state inventory plots are being established that will look at pre and post recession periods – growth and removal issues
 - Need more information concerning biomass left on site as it relates to site impact (NC has done some – Contact Sean Brogan)
- Jerre Creighton
 - Having control over their state land base is a strength for conducting studies and demonstrations
 - Establishing an alternative planting regime for biomass and traditional products
 - Opportunities
 - Biomass Systems and Their Impacts on Sustainability
 - Hardwood Forest Health, Regeneration, Improvement
 - Diminished Species Restoration (esp. longleaf)
 - Northern Loblolly Tree Improvement
 - Cooperative research patterned after other S&PF programs (Forest Health, Urban & Community, etc.)?
- Matt Poirot
 - EPA is asking as to how much reduction is there in sediment as related to BMP's
 - Needs to be addressed
 - SGSF Water Committee has submitted a Regional Investment Proposal to the Region. The SGSF Executive Committee has endorsed their support for the proposal

- Biomass Issue
 - Related BMP harvesting and sedimentation
 - How much cover needs to be left to protect water quality, nutrient recycling and sustainability
- Forest/Stream Buffers
 - Currently a shotgun approach. Need study/information on specific planting locations to ensure best results
 - Jim Chamberlain advise that there are some guideline available
- Harvey Darden – Dean Cumbia
 - Small amount of certified forest landowners in the south – landowners have limited knowledge concerning certification – next level is an educational outreach to landowners
 - Assistance in sharing successes in outreach in education is an opportunity cooperation/assistance
 - What are the benefits of certification
 - The financial cost versus the returns
 - Competitive Grant Proposal in cooperation with KY on mine restoration
 - Looking at 5 demonstration sites
 - Outreach is the next phase and finding additional funding for planting on these sites
 - There are issues and concerns associated with surface mining and restoration that need to be addressed
- Buck Kline (handout)
 - Calculators for estimation – carbon – land use changing capability
 - What is the value of land (all components) resulting from the loss of forest land?
 - Application for mitigation
 - SMAR Wood Program
 - Mitigation
 - Forest Enhancement
 - Cost for helping landowners for putting lands into conservation easements
 - Ecosystem services is a rich place for cooperation
- David Jones
 - With the various buffer guidelines based on operations, areas and regions are they effective – still a question
- Craig Clarke
 - Ongoing studies
 - Voluntary smoke guidelines – smoke dispersal
 - Smoke management and smoke impact
 - Super Fog Matrix
 - EPA's issue with smoke and emissions tracking
 - Currently the point on project with other states
 - Opportunity Cost
 - Prescribed Fire Profile
 - Wildfire Profile
 - Thinned Stand Profile
- Rob Trickle
 - What will replace invasive species as they are eradicated or controlled?

- Conducted non-native workshops in the state that have been well attended
- David Jones
 - Wildfire Protection Programs
 - Need to engage landowners and community leaders in the development process – identifying areas of concerns
- Wib Owen – Opportunities
 - Certification – industry wants more certified land – landowners are having a hard time in justifying having their lands certified –
 - Need to show benefits and what benefits pay and what is the selling point
 - Capacity
 - Need tools to help convince legislators to support fire programs – a model similar to city/county structural fire department programs
 - Opportunity to put some heads together to see what might be done – what tools or variable will be needed
- Rob Doudrick
 - Mountain to the Sea in North Carolina Initiative – looking at a landscape approach
 - Southern Family Forest Owner Center – A Center for landowners to “go to” for everything – not all information needs to be the Station’s but others as well with links to information – Susan Fox is heading up
- Jeff Prestemon
 - Ecosystem Services and valuation
 - Efforts in valuation at the following links
 - <http://www.fs.fed.us/research/sustain/>
 - http://www.forest-trends.org/documents/files/doc_2673.pdf
 - Also Evan Mercer is currently working SGSF SUM Task Force to develop methodology for consistent payments across the region
- Jim Chamberlain
 - Primary area of focus is bridging traditional forest management and forest farming
 - NC is one of the major producers of non-timber forest products
 - Developing a method to determine amount of root fiber in Black Cohosh based on above ground material – optimal time to harvest and sustainability
- JT Vogt
 - Showing not only what is in the forest but also how it is changing
 - Need tools to show the market value of products that are exported and then imported back after added value by foreign manufacturer
- Dave Wear – Center for Integrated Forest Science and Synthesis (CIFSS)
 - The Center will focus on anticipating and responding to policy-relevant questions regarding forests and society and developing new research approaches to address these questions.
- Chelcy Ford
 - Inter-planting of switch grass with pine and impacts on water
 - Looking at water impacts associated with biomass
 - Eucalyptus Plantation for biomass production and impact on water
- Danny Lee – Eastern Forest Environmental Threat Assessment Center
 - Covered with Handouts

- Threats to Eastern Forest
- Climate and Severe Weather
- TACCIMO – Template for Assessing Climate Change Impacts and Management Options
- CRAFT – Comparative Risk Assessment Framework and Tools
- Invasive Species
- The National Early Warning System