



Virginia Tech College of Natural Resources and Environment

Center for Natural Resources Assessment and Decision Support

Quarterly
Report

Jan 2015

Summary

During the past quarter, we completed a report on an Assessment of Virginia's Commercial Wood Supply. Our Spatial Wood Supply Simulator, the agent-based model for projecting wood supplies, has undergone revisions and is currently operating at version 1.1. Draft reports on the Virginia Forest Landowner Survey and the Virginia Forest Parcel Analysis are undergoing internal review.

Administrative & Communications

We conducted our fourth semi-annual partners meeting in Blacksburg on November 4th and our first of monthly update webinars on December 12th.

Steve Prisley and Joby Kauffman made presentations on Center projects at the Society of American Forests annual convention in Salt Lake City in October. Neil Crescenti attended a Southern Forest Economics Issues Forum in Raleigh in November.

Data Development & Analysis

A report on the Virginia Tier I assessment, titled "Assessment of Virginia's

Commercial Wood Supply" was drafted and distributed to partners. Helpful review comments were received from several partners and revisions made to the document. The report has been released to the public on the CeNRADS web site.

Research

Will Saulnier has completed a first draft report on the Virginia Landowner Survey. This report is under review by his graduate committee, with an expected completion in early February.

Neil Crescenti, with help from temporary employee Laura Wade, has completed a draft report on the Virginia Forest Parcel Analysis. This report is under revision with an expected completion of the end of January.

Joby Kauffman has completed his accuracy assessment of the Vegetation Change Tracker data (showing time of disturbances like harvests for forest patches). He is working on developing approaches to turn this data into fine-scale maps of forest type and age classes.

Joby and Laura Wade are also nearly complete with a national assessment of





non-timber forest products (NTFPs) based on forest inventory data, as called for under a contract with the US Forest Service Southern Research Station.

Charlie Wade is nearing completion of a Tier I assessment of the wood supply in Wisconsin as part of our contract with the Wisconsin Forest Practices Study.

Finally, Yao has incorporated many of the suggested revisions to the Spatial Wood Supply Simulator (SWSS) model, and is working on additional revisions for version 1.2 to be completed in February.

What's next

Results of the Virginia wood supply assessment and initial results from the SWSS model will be shared at upcoming meetings including the VMI-hosted Environment Virginia Symposium (April 1-2) and the Virginia Wood Summit (April 15th). Our research focus in the near term will be to complete revisions to SWSS and develop a baseline projection for Virginia.

As always, we are grateful for the ongoing support of our partners, and are happy to respond to individual comments, questions, and concerns.

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