

Minnesota Department of Natural Resources:

Forestry Resource Assessment Unit

Forest Biometrics

Forest Inventory
Growth and Yield Modeling
Harvest Scheduling

The Minnesota Department of Natural Resources Division of Forestry Resource Assessment Unit (DNR) can quantify, locate, describe, and value forest resources. Our staff includes experts in inventory, biometrics, and GIS and thus we can provide inventory design, cruising, data management, and analysis. Since we are knowledgeable in harvest scheduling and growth and yield estimation, we can develop short- and long-range management plans. These plans can include a complexity of financial, logistical, social, spatial, and temporal constraints. Our goal is to tailor analyses to our client's management objectives, stakeholder comments, and land base characteristics.



Tools utilized include Remsoft Spatial Planning System, GIS, Microsoft software, SAS, etc. We have knowledge of large-scale databases such as Forest Inventory and Analysis (FIA), National Resources



Inventory (NRI), as well as more localized databases produced by the DNR and other agencies.

Assessments of fiber supply have been conducted for public agencies such as the Fond du Lac Band of Lake Superior Chippewa Reservation. Harvest scheduling analyses have been conducted

for DNR lands (landbase of roughly 4.5 million acres). Projections of forest lands can be conducted using models such as the Forest Vegetation Simulator, RP2005, etc., as well as published yield tables, or new models can be developed using available data.

Rate is approximately \$90/hour

For more Information, contact: Anna Dirkswager, Biomass Coordinator, MN DNR 651-259-5253 or anna.dirkswager@state.mn.us