

**Principal Investigator:**

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**Study Title:** Current Vegetation Survey (part of national vegetation mapping program)

**Key Words:** Vegetation Survey    Sampling    Monitoring

**Abstract:** Long term vegetation sampling for monitoring and current conditions. Permanent one hectare plots are installed every 1.7 miles in a grid pattern, to be remeasured in an 8-10 year cycle. Above ground vegetation is tallied, numbered, and referenced, where available; shrubs, herbs, forbs species and crown cover are estimated on five 1/20th acre subplots. Down woody debris is tallied using five 51.1' line transects. Objective is condition database and remeasurability. Locations will also be used to tally lichens, wildlife, etc. on other studies.

**Type of Measurement(s):** Forest measurement: DBH, age, height, growth, crown conditions, etc., diseases, damage, species; Vegetation other than trees have species and crown cover; line transects of cover class and down woody material; physiographic info.

(1) Hectare plot: trees and stumps > 48" dbh, physiography

(5) 1/5th acre plots: trees between 13-48" dbh, transects

(5) 1/20th acre plots: trees 3-13", vegetation

(5) 1/100th acre plots: trees 0-3"

**Frequency of Measurement(s):**

Scheduled to be remeasured on an 8 year cycle.

**Data storage:**

Hardcopy - data sheets

Database - able to be exported/imported to any format

**Long-term plans, Data available for collaborative efforts:**

This is part of a nationwide inventory effort. All public information. I would hope that this data will be incorporated into MSHNVM databases.