

National Cooperative Soil Survey
Ecological Principles Committee

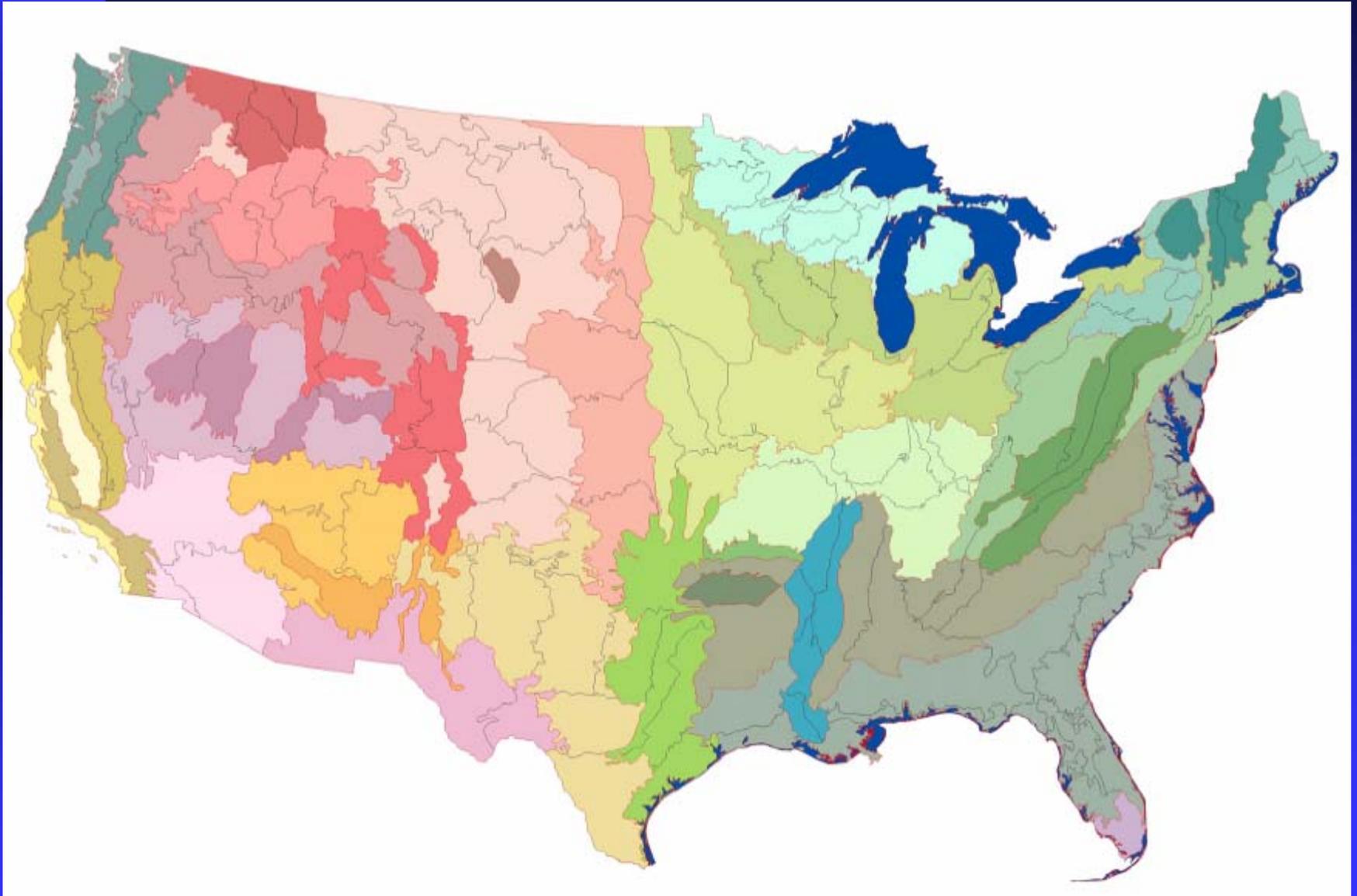
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June, 2006

Outline of this Presentation

- Ecological Principles Overview & Organization
- Ecological Site vs Coverage
- Related topics
- Status Report

USDA Forest Service Ecological Subregions, 9/2005



Ecological Principles Overview

■ Scales

◆ National

- ◆ Ecological Subregions – 2005

◆ Regional

- ◆ Terrestrial Ecological Unit Inventory - 2005

◆ Site

- ◆ Draft Interagency Ecological Site Descriptions - 2006

References:

National Hierarchy Framework of Ecological Units

Cleland et al. 1997

Terrestrial Ecological Unit Inventory Technical Guide

Winthers et al. 2005

Interagency Ecological Site Description

Draft - 2006

- **Section**
- **Subsection**
- **Landtype Association**
- **Land Type**
- **Land Type Phase**
- **Site Description**

Ecological Site vs Coverage

■ Site

- ◆ Interagency Ecological Site Description Guide

■ GIS Coverage –

- ◆ Terrestrial Ecological Unit Inventory
 - ◆ TEUI Geospatial Toolkit

Related Topics

- Integrated Plots
 - ◆ Potential Natural Vegetation and Soil Description/Classification
 - ◆ TEUI Technical Guide
- State in Transition Model
 - ◆ Need to understand land management and its influence on vegetation changes
 - ◆ Thresholds
- Dynamic Soil Properties
 - ◆ Role?

Status Report:

- **Interagency Ecological Classification MOU**
 - ◆ Signed May 2005
 - ◆ Interagency Ecological Site Description Guide, 12/2006
- **Forest Service**
 - ◆ Directive System
 - ◆ Forest Service Manuals, Handbooks, Technical Guides

Status Report:

Terrestrial Ecological Unit Inventory/Soil Survey 2005 - 2006

➤ **TEUI: 300,000 acres**

➤ **Soil Survey: 300,000* acres**

➤ ***5.5 million acres of correlation/certification (Rocky Mountain Region)**

Questions?