Roles of National Cooperative Soil Survey Partners

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Director, Soil Survey Division

South NCSS Conference
Gainesville, Florida
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National Cooperative Soil Survey Program
National Cooperative Soil Survey

Cornell University
New York State Agricultural Experiment Station
National Cooperative Soil Survey Partnership

- Private Consultants
- Agricultural Experiment Stations University Partners
- Local Units of Government
- Federal Land Agencies
- State Units of Government
Roles of NCSS Partnership

- NRCS
  - MLRA Soil Survey Region Offices
  - State Soil Scientist
  - MLRA Soil Survey Offices
  - Resource Soil Scientist
Roles of NCSS Partnership

- NRCS
  - National Soil Survey Center
    - Standards
    - Interpretations
    - Technical Soil Services
    - Research and Lab
Roles of NCSS Partnership

- NRCS
- NCSS Liaisons
  - South Region - Dr. Karl Hipple
  - North East Region - Dr. Chris Smith
  - North Central Region - Dr. Bob Ahrens/Dr. Larry West
  - West Region - Dr. Craig Ditzler
  - Maxine Levin - NHQ - Overall Coordination
Roles of NCSS Partnership

- NRCS
  - Regional Technology Centers
  - World Soil Resources
  - National Cartographic & GIS Center
  - National Geospatial Development Center
Roles of NCSS Partnership

- Agricultural Experiment Stations
- State Land Grant Universities
- 1890 Colleges and Universities
- Tribal Colleges and Universities
- Hispanic Serving Institutions
Roles of NCSS Partnership

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- State Land Grant Universities
- 1890 Colleges and Universities
- Tribal Colleges and Universities
- Hispanic Serving Institutions
  - Education and Mentoring
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  - Education and Mentoring
  - Soil Research
Examples NCSS Cooperation

- West Region w/NSSC
  - Benchmark Soilscapes
    - Predict Effects of Climate Change
- Northeast Region w/NSSC
  - Subaqueous Soils
    - Describe, Classify & Interpret
- South and West Regions w/NSSC
  - Gypsiferous Soils
    - Describe, Classify & Interpret
NCSS Research Opportunities

- Digital Soil Mapping
- Decision Support Systems
- Customer Driven Interpretations
- Soil Quality Measurements
- Dynamic Soil Properties
- Hyper-Spectral Imagery
- Better Ksat Methods
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  - Education and Mentoring
  - Soil Research
  - Participate in NCSS Conferences
NCSS Participation

- **Annual State Work Planning Conferences**
  - All States

- **Four Regional Conferences (even years)**
  - North East - Rhode Island, 2008
  - West - Washington State, 2008
  - North Central - Kansas, 2008
  - South - Florida, 2008

- **National Conference (odd years)**
  - May 16-20, 2009 Las Cruces, New Mexico
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  - Education and Mentoring
  - Soil Research
  - Participate in NCSS Conferences
  - University Soil Lab Data
Roles of NCSS Partnership

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- State Land Grant Universities
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  - Soil Research
  - Participate in NCSS Conferences
  - University Soil Lab Data
  - Support of Soil Survey - Planning & Action
NCSS
Federal Lands Advisory Group

- USFS
- BLM
- FWS
- NPS
- DoD-Army
- NRCS
NCSS
University Advisory Group

- Toby O’Geen
- Mary Collins
- Joey Shaw
- Mickey Ransom
- Jim Thompson
- Curtis Monger
- Dick Arnold
- Larry Wilding

“We **Must** Prepare for Soil Quality, and things that are **Green** due to Climate Change”.

Planning The “New” Soil Survey
Looking to the Future

Benchmark Landscape Catena's
- Dynamic Soil Properties
- Subaqueous soils
- Investigation Plans
  (Study and Research)
NCSS Partnership “Working Together”

- Full Time Liaison – NPS (Southard)
- Develop New Soil Interps w/BLM
- Expand NASIS - House FS Soil Data
- National Soil Program Reviews - Colorado
  Included Randy Davis FS
- Smithsonian Soil Exhibit Opens July 19th
Roles of NCSS Partnership

We ALL Have A Role in the National Cooperative Soil Survey for Today and Tomorrow
Thank You

Questions ???