



Roles of National Cooperative Soil Survey Partners

Micheal L. Golden
Director, Soil Survey Division

South NCSS Conference
Gainesville, Florida
July 16, 2008

National Cooperative Soil Survey Program



National Cooperative Soil Survey



National Park Service

National Park Service
U.S. Department of the Interior



Cornell University
New York State Agricultural Experiment Station



OHIO
DEPARTMENT
of NATURAL
RESOURCES



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



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 - Soil Research



Examples NCSS Cooperation

- West Region w/NSSC
 - Benchmark Soilscares
 - 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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- Hispanic Serving Institutions
 - 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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 - Participate in NCSS Conferences
 - University Soil Lab Data



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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)



Low tide at Crystal Cove State Beach, CA

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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 ???

