

# Soil Survey Division Mission

South Regional Soil Survey Conference

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Paul W. Benedict  
Program Manager  
Soil Survey Division

# What are the Soil Survey Division Mission Functions?

1. Make an inventory of the soil resources of the United States.
2. Keep soil survey relevant to meet emerging and ever-changing needs.
3. Interpret soil survey data and make soil maps, data and interpretations available for use by a wide array of clientele
4. Promote soil survey and provide technical assistance in understanding soils, landscapes, and application of soil survey information.



# Make an inventory of the soil resources of the United States:

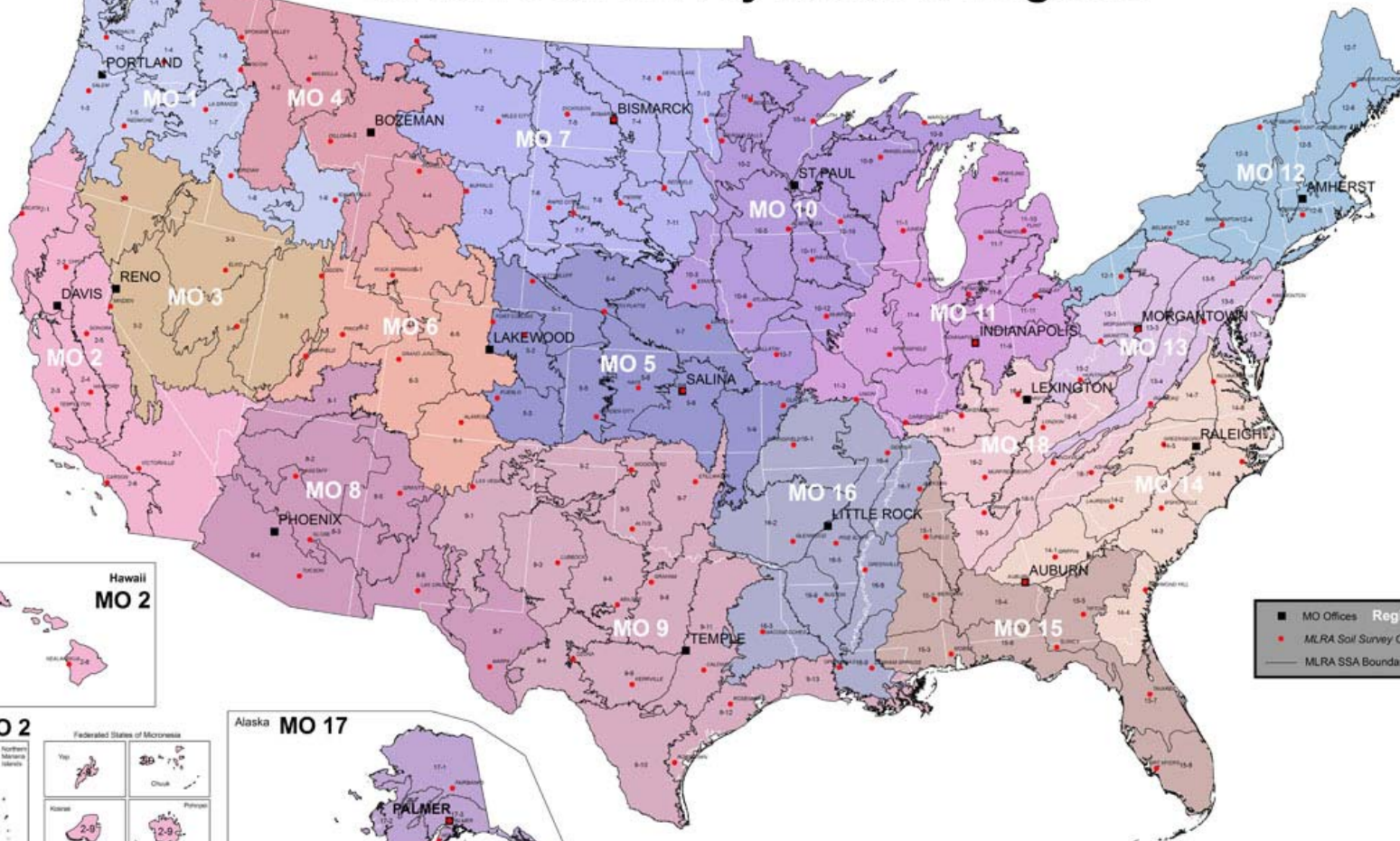
## 1. A nationally consistent digital soil survey on all lands of the United States, territories, and possessions.

- ❖ 210,000,000 acres remain to be mapped (60,000,000 acres Private and Tribal)
- ❖ Consistency (map unit design, interpretations, data collected, reliability, etc) Consistency (map unit design, interpretations, data collected, reliability, etc)

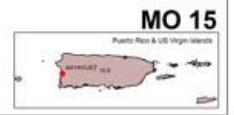
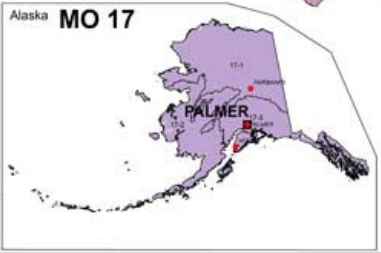
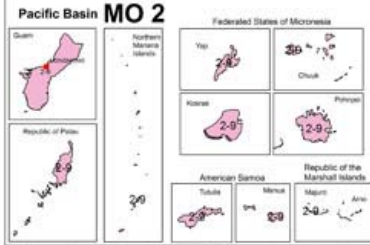
## 2. Management Techniques and Technologies that increase efficiency of producing soil survey products and improve their quality.

- ❖ Streamlined and efficient use of personnel resources.
- ❖ Work with NCSS partners to develop a well-trained, balanced, and diverse workforce operating at a high level of proficiency.
- ❖ An effective performance measurement system.

# MLRA Soil Survey Areas & Regions



- MO Offices Regions
- MLRA Soil Survey Offices
- MLRA SSA Boundaries



USDA NRCS Natural Resources Conservation Service  
Soil Survey Division  
Washington, D.C.

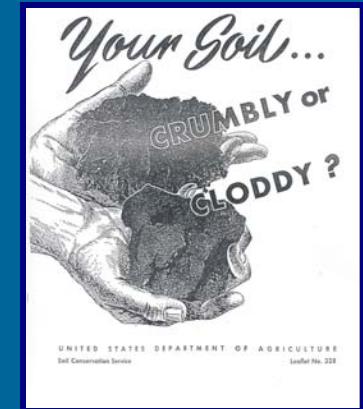
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# Make an inventory of the soil resources of the United States:

3. Standards and policies that provide effective guidance to the Agency and NCSS.
4. Collect dynamic soil properties (DSP) and other pertinent features focusing on benchmark soils and landscapes.
5. An NCSS partnership fully engaged in completion of the soil survey inventory.



# Keep soil survey relevant to meet emerging and ever-changing needs:



1. Organized, prioritized, and systematically conducted research and studies that address resource concerns and provide information necessary to meet users' interpretive and data needs.
2. Capacity to predict soil behavior and make interpretations on a local, regional or national scale in crisis situations.
3. Geospatially integrated interpretive results that consider the dynamic nature of soils and other pertinent features across entire landscapes.

# Interpret soil survey data and make soil maps, data and interpretations available to a wide array of clientele:

1. Scientifically sound, fully documented, and defensible interpretations that meet national, regional or local needs.
2. Capacity to predict soil behavior and make interpretations on a local, regional or national scale in crisis situations.
3. A comprehensive and integrated information system for the National Cooperative Soil Survey that conforms to USDA and NRCS architecture and supports the soil survey mission.
4. Geospatially integrated interpretive results that consider the dynamic nature of soils and other pertinent features across entire landscapes.

# Promote soil survey and provide technical assistance in understanding soils, landscapes, and application of soil survey information:

1. Soil survey maps, data, and interpretations that are available to a wide range of users in a variety of formats via electronic delivery.



The simple yet powerful way  
to access and use soil data.

START  
WSS

Promote soil survey and provide technical assistance in understanding soils, landscapes, and application of soil survey information:

2. Geospatially integrated interpretive results that consider the dynamic nature of soils and other pertinent features across entire landscapes.
3. An educated public that recognizes the importance of soils, seeks the advice of professionals in soil science, and uses soil survey information in community planning and natural resource management.



Thanks!

Paul Benedict

[paul.benedict@wdc.usda.gov](mailto:paul.benedict@wdc.usda.gov)

202-720-1824