



MLRA SOIL SURVEY REGION 13 REPORT

North Central: Medora, ND - June 25-30, 2006

Current Workload

- **MLRA Soil Survey Region 13 (MO-13) in Morgantown currently provides quality assurance for 72 soil surveys in our region**

Workload by Category - 2006

- **6 Soil Surveys initiated**
- **3 Initial Field Reviews**
- **16 Progress Field Reviews**
- **7 Final Field Reviews**
- **10 Final Correlations**
- **30 Scheduled to have field work completed and,**
- **25 surveys converted to maintenance status**

Workload

- **Most 2006 workload is related to SSURGO development in the form of compilation reviews, digital plot reviews, manuscript reviews and amendment to correlations**
- **Completed 56 compilation reviews in 2005 and on track to complete as many in 2006**

Technology and Data

MO-13 Office will be working closely with the National Geospatial Development Center to install an Arc-Spatial Data Engine and SQL Server Computer in the next few weeks

This will facilitate the analysis of large spatial datasets across a large region

4 Other test sites across U.S.

Technology and Data

- **Working with Drs. Jim Thompson and Jimmy Richardson on water movement study in Lost River area of WV**
- **Working with Drs. Sofi Elrashidi and Dewayne Mays on Soil P runoff study in Cacapon River Area of WV**

Technology and Data

- **Have IRIS Tubes installed in Canaan Valley to measure iron reduction in red soils**
- **Soil Temperature monitoring with USFS on Monongahela National Forest**
- **Water table monitoring in MLRA-126 using Mark Stolt's "GIZMOs" to measure water table depth**
- **Mapping Federal land in cooperation with the National Park Service (New River Gorge National River)**

Technology and Data

- **Finishing a parent material sampling project in MLRA-127**
- **Working with Dr. Bill Waltman to create a soil climate atlas for WV**
- **Put PDAs for data collection in Marietta MLRA office and all WV MLRA offices**

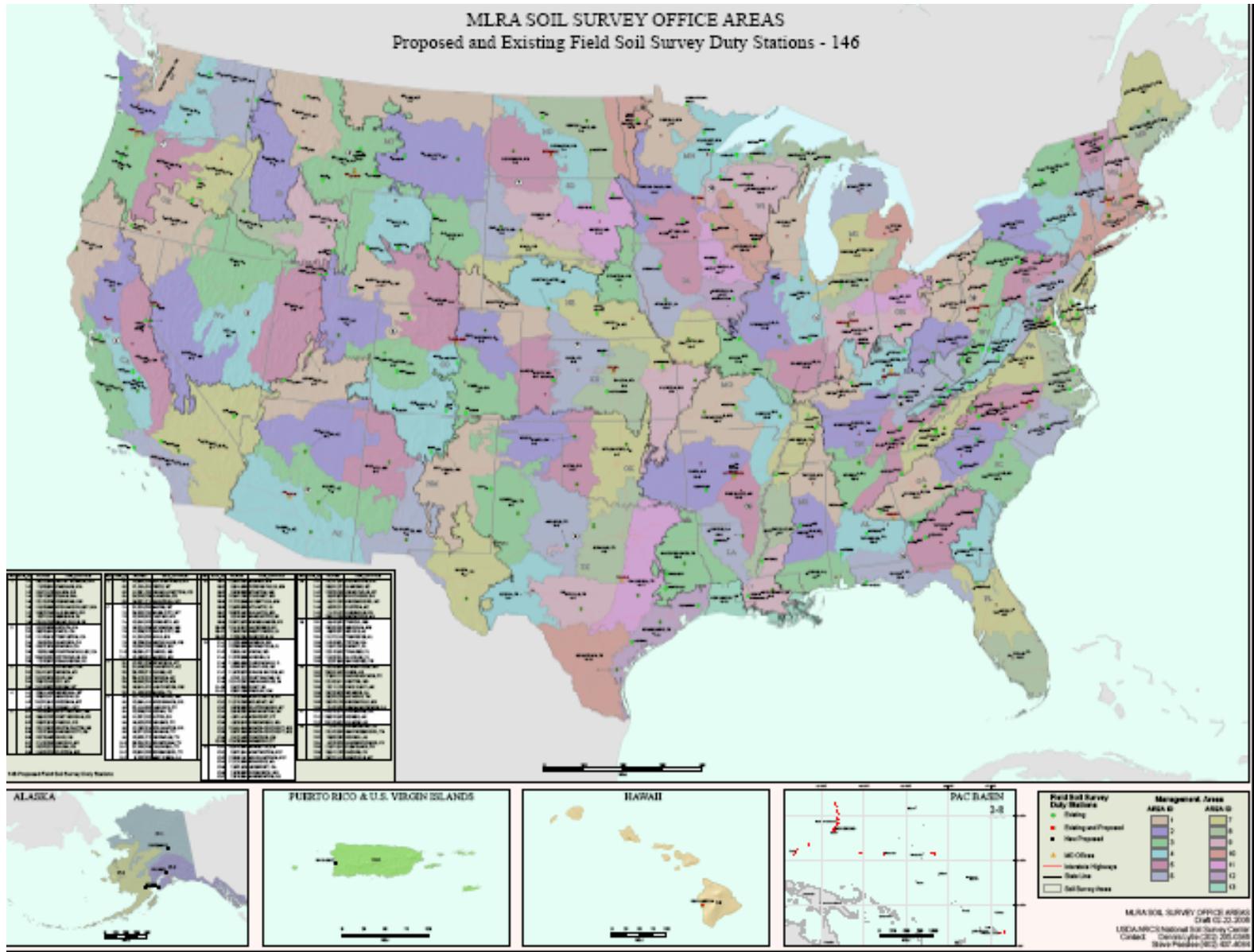
Changing Existing Procedures

The MO Leaders are updating the NSSH to facilitate Soil Survey Update process in light of the MLRA approach and New technologies.

MLRA Management Offices

- **MO-13 will have 7 MLRA Management Offices**
- **5 are already in place**
- **Will transition last two before 2008**

Recommended 147 Soil Survey Areas and Offices by States and MLRA Region Offices



MLRA Region 13

Proposed MLRA SSA Office Locations

Proposed Management Areas

Revised December, 2005

MLRA Region 13 Proposed MLRA Soil Survey Areas	
Proposed MMA Area	Area
Combined MLRA 124 and 126	95,080,186.63
Combined MLRA 147 South, 130A and 128 N	11,736,264.08
Combined MLRA 148A, 153C, 153D, 153E, 153F	21,865,022.03
MLRA 127	10,746,360.58
MLRA 147 North	7,581,724.22
MLRA 148	7,893,111.29

Legend

- ▲ Existing Soil Survey Offices
- Proposed MLRA SSA Locations
- State Boundaries
- County Boundaries
- ▭ MLRA Boundaries (version 4.0)
- ▭ Combined MLRA 124 and 126
- ▭ Combined MLRAs 147 South, 130A and 128 N
- ▭ Combined MLRAs 148A, 153C and 153D
- ▭ MLRA 127
- ▭ MLRA 147 North
- ▭ MLRA 148



1. Moved Georgetown, DE Proposed MMA to Dorset, DE
2. Moved Roanoke, VA Proposed MMA to Spotsylvania, VA
3. Added Parkersburg, WV Proposed MMA
4. Removed Upper Marlboro, MD Proposed MMA



WVU National Champion Soil Judging Team 2006

Any Questions?

Please contact :

Stephen G. Carpenter
State Soil Scientist/MLRA Region 13 Staff Leader
USDA Natural Resources Conservation Service
75 High Street, Room 301
Morgantown, WV 26505
Phone: 304-284-7585
FAX: 284-4839
Mobile: 304-290-2319
email: stephen.carpenter@wv.usda.gov