

2010 North Central Regional Soil Survey Conference

June 14-17, 2010

Highlights and Recommendations



Field Tour



Newark Earthworks



N.A.E.W.



Field Tour



Reclaimed Mine Land



Arboretum

Committee Recommendations



Research Needs and New Technology

Gridded SSURGO surveys :

- Need standards, protocols
- Proper scale representation
- Description of data and comparisons of data at multiple scales

Research Needs and New Technology

ESD and dynamic properties

- Relate to water quality, soil erosion, soil quality, etc.
- Develop an ESD protocol for high intensity agriculture soils for the North Central Region.

Other Issues

- Hazards research –high intensity rains, soil slippage.
- Urban soils –much needed research for predictions and estimating properties

Taxonomy and Standards

- Need systems to both classify and interpret Urban Soils
 - Many urban centers in the North Central Region are shrinking in size.
 - Urban vacant land is being converted to other land uses.
 - Phases for “Urban Land” Miscellaneous unit – assign properties so some interpretations can be generated.



Interpretations

Urban interpretations

- Committee sees great need for urban soil interpretations
- Interpretations based on urban hydrology
- Urban soil properties need to be captured
- Use technology (GPM, EM) to identify physical setting
- Need for disaster response in Urban Settings (flooding)

The Missouri River to the Loess Hills and Beyond!

- What: North Central Cooperative Soil Survey Meeting
- Where: Omaha, NE
- When: June 3-7, 2012

