



Report from NRCS – Army Liaison

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Agenda



- Soil Surveys
- Interpretations
- Soils Data
- Soils and Policy



Soil Surveys

Alaska to Puerto Rico and Guam to Maine



- 440 Army Installations
 - > 15,000,000 acres
- 551 SSA part of Army installations
- 40 (out of 103 nationwide) SSA are out-of-date
- 17 (out of 26 nationwide) SSA are not mapped
- 9 (out of 19 nationwide) SSA are not in SDM
- 4 (out of 49 nationwide) SSA are not digitized

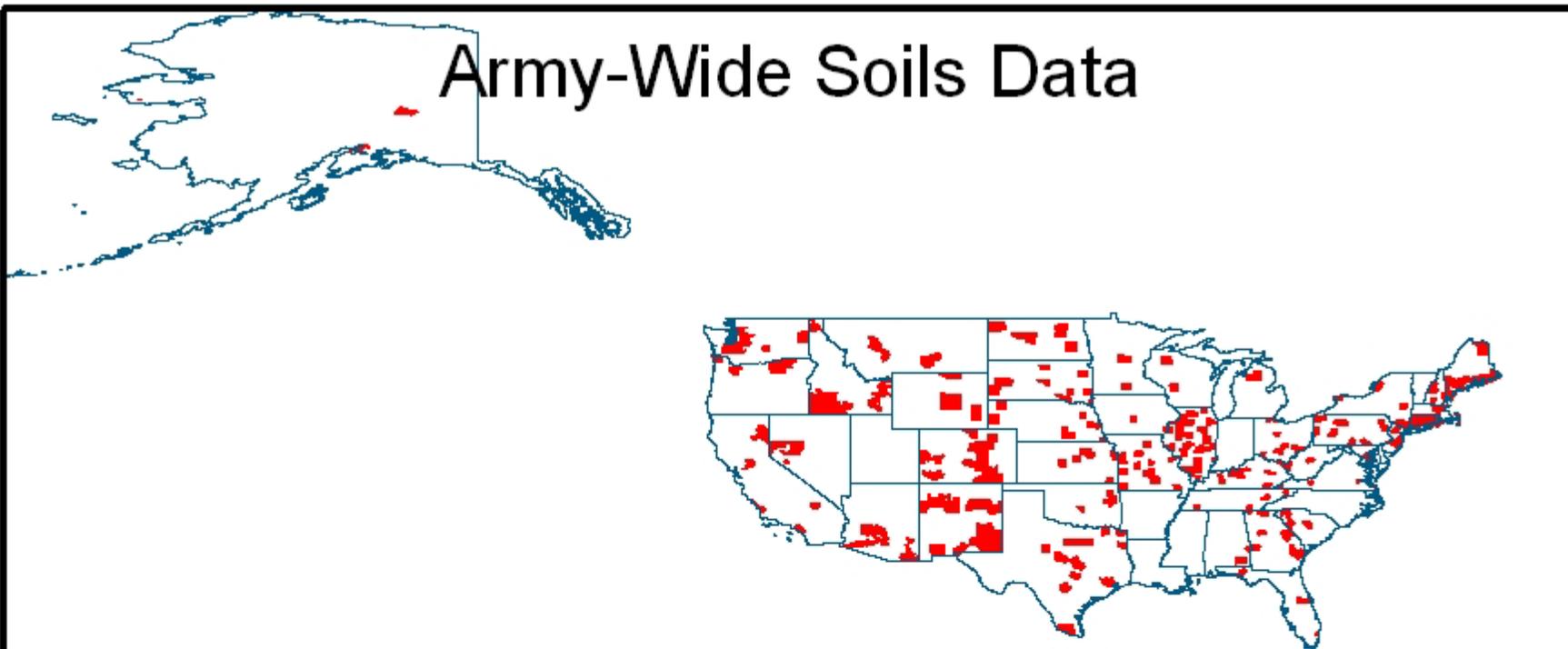


Soil Surveys Army Database



- Creating an Army-wide SDE soils layer
- 264 Spatial data sets imported into Army Database
- Geodatabases covering 319 Army installations completed
 - Using Fred Minzenmayer's SoilGDB tool to create the geodatabases

Army-Wide Soils Data

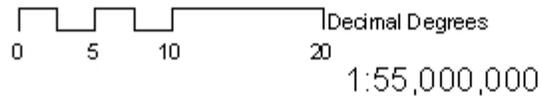


Legend

-  GETEACHMAN.area_soils
-  ESRI.US_State_Boundaries



As of 14 June 2006





Soil Interpretations Army-wide Used



- Highly Erodible Land maps
 - Source
 - NASIS
 - Food Security Manual methodology
 - 379 installations
 - To date 51% of Army land is HEL
- Prime farmland maps
- Hydric soils maps
- Slope map based on dominant condition
- 21 Military specific interpretations



Soil Interpretations Army-wide Needed



- Soil Resiliency
 - Been using HEL as a surrogate
- Terrestrial Threatened and Endangered Species
 - Like California's desert tortoise
- 21 MIL interps must be available in SDM



Soils Data Army-wide Programs



- Environmental Protection and Enhancement
- Army Compatible Use Buffer Program
- Sustainable Range Program
- Integrated Training Area Management Program
- Land Rehabilitation and Maintenance Program
- Integrated Natural Resources Management Plans



Soils Data Army-wide Needed



- SITE INDEX BASE needs to be populated
 - Need it for creating Site Index maps
- Access to national spatial/tabular database
 - 1) I am hunter/gather of soils data
 - 2) Use Web Soil Survey for installation level queries
 - I plan on publicizing this avenue after the Jan 2007 release
 - 3) Have access to the Spatial/NASIS data server for Army-wide level queries



Soils Policy



- AR 200-1 Environmental Protection and Enhancement
- AR 350-19 The Sustainable Range Program
- Army Range and Training Land Strategy
- 2005 Base Realignment and Closure
 - Soil Resiliency Attribute Definition
- National Soil Interpretations Advisory Group
- Federal Lands Advisory Group



Contact Information

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