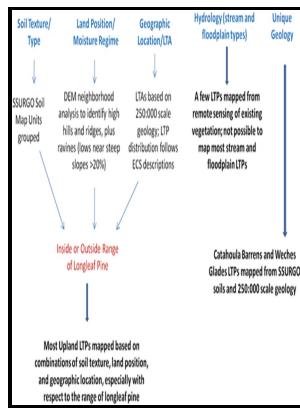


Guide for the use of digital elevation model data for making soil surveys

U.S. Dept. of the Interior, U.S. Geological Survey - The effects of digital elevation model resolution on the calculation and predictions of topographic wetness indices. (Other)



Description: -

- Digital mapping -- Handbooks, manuals, etc.
- Soil mapping -- United States -- Handbooks, manuals, etc.
- Soil surveys -- United States -- Handbooks, manuals, etc. Guide for the use of digital elevation model data for making soil surveys

- U.S. Geological Survey open-file report -- 88-102.
- Open-file report -- 88-102. Guide for the use of digital elevation model data for making soil surveys
- Notes: Includes bibliographical references (p. 17).
This edition was published in 1988



Filesize: 21.51 MB

Tags: #Landsat #Spectral #Data #for #Digital #Soil #Mapping

Analysis of Digital Elevation Model and LNDSAT Data Using Geographic Information System for Soil Mapping in Urban Areas

There are good soils maps and elevation models available for the entire country. DEM datums and coordinate systems are briefly mentioned. The 1990 map was generated using a rule-based model based on legacy soil data and environmental covariates.

Assessment of Digital Elevation Model for Digital Soil Mapping in a Watershed with Gently Undulating Topography

For example, the mapping of the Northern Atlantic Coastal Plain Pitch Pine Barrens had been previously under-mapped in the 2001 GAP Land Cover.

Soil Survey

Calculating rooftop solar potential The state of Minnesota modeled solar potential for the whole state by deriving solar radiation and aspect from elevation, vegetation, and other critical raster and imagery layers. However, this was only achieved through the adoption of photogrammetric principles and computational advances of structure-from-motion SfM algorithms. Although a large number of GCPs was used, the third-order transformation shown in Figure 11-1A leaves considerable residuals at both control and check points, with a maximum displacement of 43 cm.

Digital Elevation Models

In addition, large-scale soil maps 1:5000 - 101,000, 2008 for parts of study area were also used.

Related Books

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