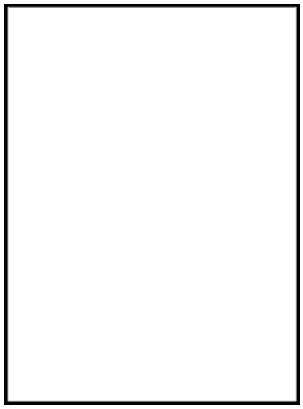
Guide for the use of digital elevation model data for making soil surveys

U.S. Dept. of the Interior, U.S. Geological Survey - Assessment of Digital Elevation Model for Digital Soil Mapping in a Watershed with Gently Undulating Topography



Description: -
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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

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

5 Free Global DEM Data Sources

Generally the orthogonals to the contours are the water flow paths. J Coast Res SI 53:49—58.

Digital elevation model generation using UAV

The Model for Scale Adaptive River Transport MOSART was extended with a macroscale inundation scheme for representing floodplain inundation. Because the DEM-TS was generated from high-precision GPS field data, the elevation values are assumed to be accurate. Previous hydrologic modeling studies in the Amazon Basin identified and addressed a few challenges in simulating surface hydrology of this basin, including uncertainties of floodplain topography and channel geometry, and the representation of river flow in reaches with mild slopes.

The effects of digital elevation model resolution on the calculation and predictions of topographic wetness indices. (Other)

Comparing and , in the lower altitude areas, the soil.

The effects of digital elevation model resolution on the calculation and predictions of topographic wetness indices. (Other)

It was possible to determine a topographic threshold, where SLR effects are most significant. The second interval 2081—2100 breaks the previous topographic threshold, with peaks of expansion of the exposed area by exceeding the 40-cm increment of SLR. Because of the way the data of DEM-TM, DEM-ASTER, DEM-SRTM and DEM-TOPODATA were acquired, these DEMs are more susceptible to systematic errors than a DEM generated from a TS, considered the ideal data source for the construction of DEMs.

Digital Elevation Model, Its derivatives and applications

And with the advent of cloud and enterprise server computing, modern computing systems are capable of analyzing massive volumes of image

information.

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