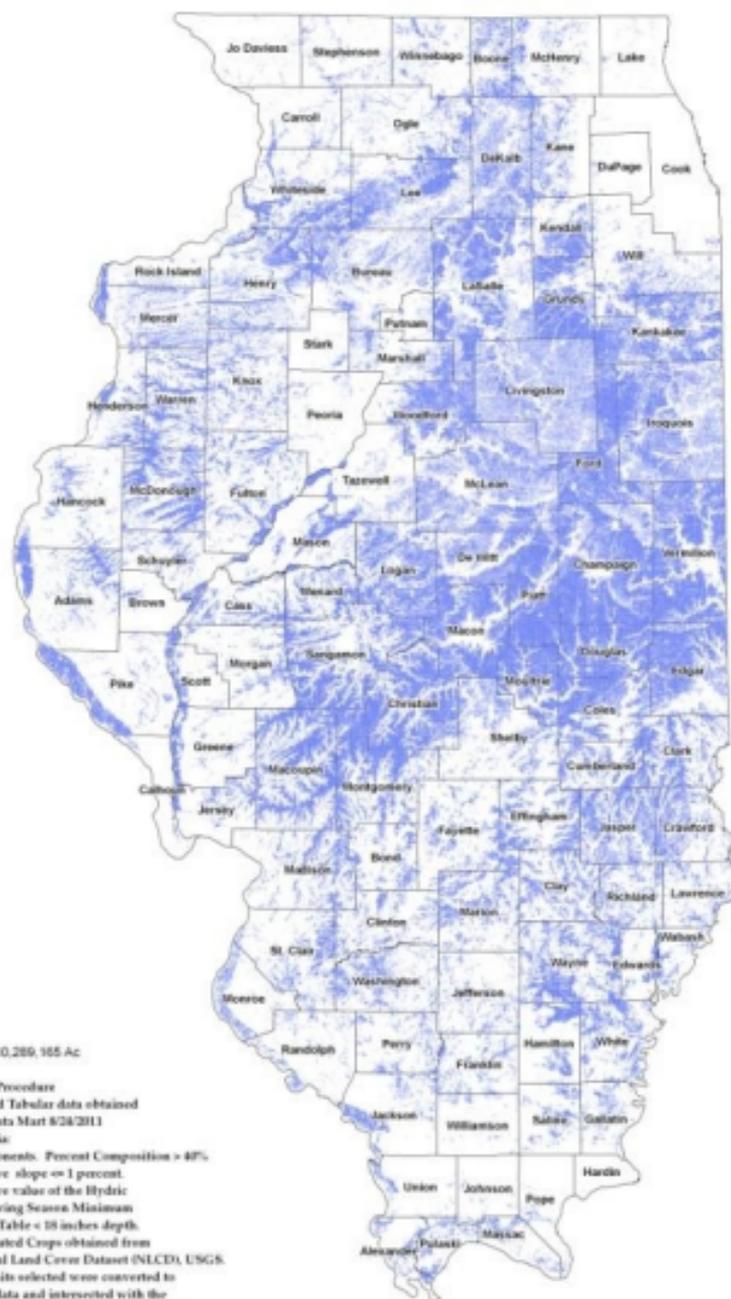


Suitable Soils for Drainage Water Management

Illinois (Corrected)



Illinois 10,289,165 Ac

Geoprocessing Procedure

Soils Spatial and Tabular data obtained from the Soil Data Mart 8/24/2011

Selection Criteria:

1. Major Components Percent Composition > 40%
 2. Representative slope < 1 percent.
 3. Representative value of the Hydric Definition Growing Season Minimum Depth of Water Table < 18 inches depth.
- Extent of Cultivated Crops obtained from the 2006 National Land Cover Dataset (NLCD), USGS. The soil map units selected were converted to 30 meter raster data and intersected with the reclassified Cultivated Cropland extracted from the NLCD. Coincident areas less than 15 acres were deleted.

Coordinate System: UTM Contiguous States Based Area Coordinate System
 Projection: UTM
 Datum: North American 1983
 False Easting: 500000
 False Northing: 0
 Contour Interval: 98.4252
 Vertical Profile: 1 to 5000
 Vertical Profile 2: 20.5018
 Cell Size: 30 Meters, 30 Meters
 Units: Meter

1:1,750,000