Sources of Soils Data for Colorado NRCS
December 2014

I) OFFICIAL SOIL SURVEY DATA

A. **eFOTG**: ***http://efotg.sc.egov.usda.gov/efotg_locator.aspx***

1. Select Colorado and the desired county. Click on Section II, soils information
2. Select a folder for more information regarding Official Soil Survey Information, Soil Survey Areas, Soil Interpretations, Hydric Soils, and Prime and Statewide Important Farmland
3. Select the Highly Erodible Land folder and a soil survey area to locate the HEL List

B. Web Soil Survey: ***http://websoilsurvey.nrcs.usda.gov/***

1. Click on Start WSS, select or import Area of Interest (AOI), click on Soil Data Explorer, click on Soil Reports (subfolder), select report (on left of screen) and click on "view report" button. On top right of screen, click on "printable version" (to print now) or "add to shopping cart" (to add to customized soil survey report).
   a. **Note**: The *Hydric Soils* or *Prime and Other Important Farmlands* reports can be found on the Soil Data Explorer/Soil Reports Tabs under "Land Classifications" (left side of the screen) and printed from WSS.
2. ***To print a customized soil survey report*:** Click on the "Soil Data Explorer" tab, click on "Shopping Cart (free)" tab, and then select the title and table of contents for a customized soil survey report. Reports selected in step C1 will be available to be added to customized soil survey report.

C. SSURGO Access Databases (Tabular Data Only at F:\\FOTG\SectionII\Soils):

1. Reports can be printed from the SSURGO Access databases on each field office's F drive. Only the databases in F:\\FOTG\SectionII\Soils folder are maintained. If you need additional soil surveys, please contact your Resource Soil Scientist.
2. ***To print a report:*** Open database for the survey needed (i.e. soils_d_CO660). If asked, enable all macros. Select the map units of interest or click on the "Select All" button. Use the down arrow to access and select one of the available reports. The report can be printed or saved as a PDF.

   Note: The Hydric Soils or Prime and Other Important Farmlands reports can be selected and printed from the SSURGO Access database.

D. SSURGO Shapefiles (Spatial Data Only at F:\\Geodata\Soils):

1. The official spatial layers (i.e. soilmu_a_CO660) are saved in the F:\\Geodata\Soils folder and are maintained by the State GIS Specialist.
2. *To added soil lines in ArcMap:* Click on the add data button (), browse to the F:\\Geodata\Soils folder, click on the soil survey, open the spatial folder, and double click on the soilmu_a_coxxx shapefile.

E. Additional Tools:

1. Soil Data Viewer:

http://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/soils/home/?cid=nrcs142p2_053620

   a. This tool links an SSURGO Access database to ArcGIS to create maps of soil properties and interpretations.

2. GIS server**:** Soils layer for whole state at ***http://geodatastates.sc.egov.usda.gov/arcgis/rest/services***

3. Geospatial Data Gateway: ***http://datagateway.nrcs.usda.gov/***

   a. The Gridded Soil Survey Geographic (gSSURGO) Database was created for use in national, regional, and statewide resource planning and analysis of soils data. The new soil 10m raster map layer data offers rapid display of soil themes over large land areas and is easy to combine with other raster data sources (land cover, terrain data, climate, etc.) in a common equal area projection. Ready to map attributes include soil organic carbon, available water storage, and productivity indices.

   b. For more information: ***http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053628***

II) UNOFFICIAL SOIL SURVEY DATA

A. Archived Soil Surveys: ***http://www.nrcs.usda.gov/wps/portal/nrcs/soilsurvey/soils/survey/state/***

B. SoilWeb and SoilWeb App: **http://casoilresource.lawr.ucdavis.edu/gmap/**

C. Official Series Descriptions: ***http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_053587***

   a. Click on View OSD by Series Name, enter series of interest, and click on view description or view extent.