

For: State and County Offices

**Tool for Environmental Resource Results Assessment (TERRA)
Location of GIS Shapefiles**

Approved by: Acting Deputy Administrator, Farm Programs



1 Overview

A Background

TERRA has been deployed to FSA State and County Offices. TERRA replaces the current CRP ArcView 3.3 version of the CRP Soils Determination Tool. The older CRP Tool will be removed from County Office computers later this spring and will no longer be supported. FSA State Office employees received TERRA training and supporting documents are available on the FSA GIS Sharepoint web site.

TERRA enables FSA County Office employees to work interactively with producers to determine CRP offer scenarios. TERRA is the foundation for all future enhancements. Compared to the current CRP ArcView Tool, TERRA includes the ability to save offer information in a format which can be automatically uploaded in a future version of CRP offer software, the assignment of practice information to offer areas, and greater offer scenario reporting capabilities.

B Purpose

This notice provides instructions to State Office CRP specialists and GIS specialist and coordinators and County Offices for downloading and using shapefiles with the TERRA software application.

C Contact

If there are questions about this notice:

- County Offices shall contact the State Office
- State Offices shall contact Thomas Lloyd, CEPD, at 202-720-1206.

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|----------------------|--|
| Disposal Date | Distribution |
| October 1, 2009 | State Offices; State Offices relay to County Offices |

2 GIS Shapefiles

A Acquiring GIS Shapefiles Needed for TERRA

State GIS specialists shall access the FSA GIS Sharepoint web site to obtain GIS shapefiles necessary for their State for use with TERRA at <https://fsa-gis.sc.egov.usda.gov/training/default.aspx>.

The County Boundary shapefile shall be downloaded from the GIS CRP Information web site at <http://dc.ffasintranet.usda.gov/dafp/GIS/GIShome.htm>.

Note: Only GIS specialists can access the FSA GIS Sharepoint web site.

State GIS specialists shall download the following shapefiles from the FSA GIS Sharepoint web site and save on the County Office servers under **F:\geodata\projectdata\fsa\conservation**.

| Shapefile Name | Title |
|------------------------|------------------------------------|
| gdw_county_gcs.shp | County Boundary |
| cpa_a_<st>_utm<nn> | State Conservation Priority Areas |
| cpa_a_national_utm<nn> | Nation Conservation Priority Areas |
| cp<nn>_a_utm<nn> | Practice Eligibility Zones |

B Using GIS Shapefiles TERRA

County Office users will need to complete the following steps to use the County Boundary shapefile in TERRA. The TERRA software application will automatically recognize and add the State Conservation Priority Areas, Nation Conservation Priority Areas, and Practice Eligibility Zone shapefiles.

| Step | Action | TERRA User Guide Reference |
|------|--|-------------------------------|
| 1 | Start the TERRA application. | Paragraph II, pages 9 and 10 |
| 2 | Access the TERRA Parameter Settings . | Paragraph II, pages 12 and 13 |
| 3 | Under the “ Directory Setting ” tab, reset the “root” folder for the county to F:\geodata\project-data\fsa\conservation . | Paragraph II, page 14 |
| 4 | Select an applicable county and signup . | Paragraph III |
| 5 | Select the “ Geodata ” tab. | Paragraph III |
| 6 | Access the Control Panel . | Paragraph VI, page 25 |
| 7 | Select the “ Other ” tab. | Paragraph VI, page 28 |
| 8 | Select “ Add ” for the County Boundary . | Paragraph VI, page 28 |
| 9 | Select the gdw_county_gcs.shp shapefile to add. | Paragraph VI, page 28 |
| 10 | Select “ Close ”. | Paragraph VI, page 28 |
| 11 | Users may start creating scenarios. | Paragraphs VII through IX |

Note: These steps will need to be completed one time only on each computer for each user.

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3 Action

A County Office Action

County Offices shall follow the provisions of this notice.

B State Office Action

State Offices shall follow the provisions of this notice and ensure that County Offices understand and follow the provisions of this notice.