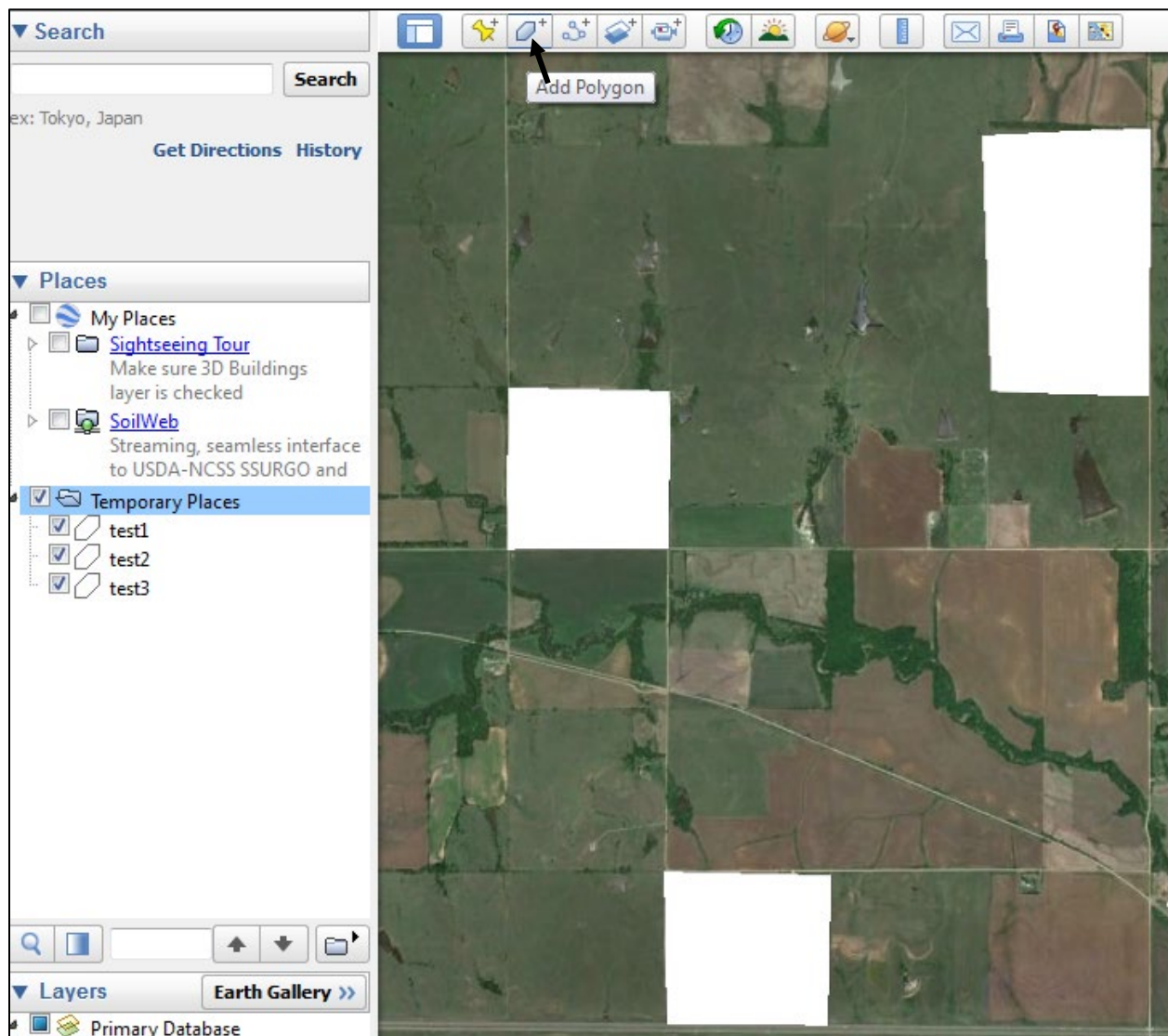


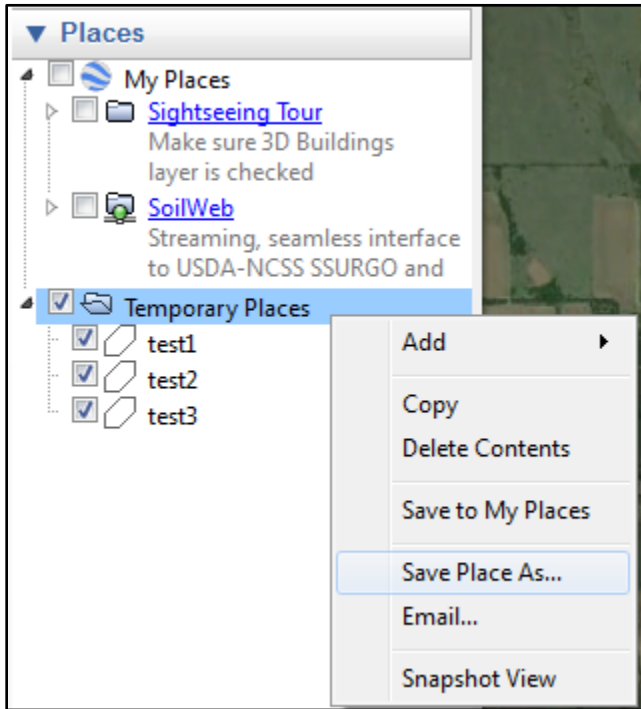
## Using Google Earth Pro™ to create multiple AOIs for Web Soil Survey

Web Soil Survey has the capability of importing an ESRI™ shapefile for creating multiple Areas of Interest. This capability allows the customer to view the soils information for several locations in one customized report. Many of the Web Soil Survey (WSS) customers lack sophisticated GIS software to create the shapefiles necessary to take advantage of this multiple AOIs capability. There is a large segment of customers who turn to Google Earth Pro (GEP) as their default GIS. Using GEP, and an online converter tool, the non-GIS user can create a shapefile for import into WSS.

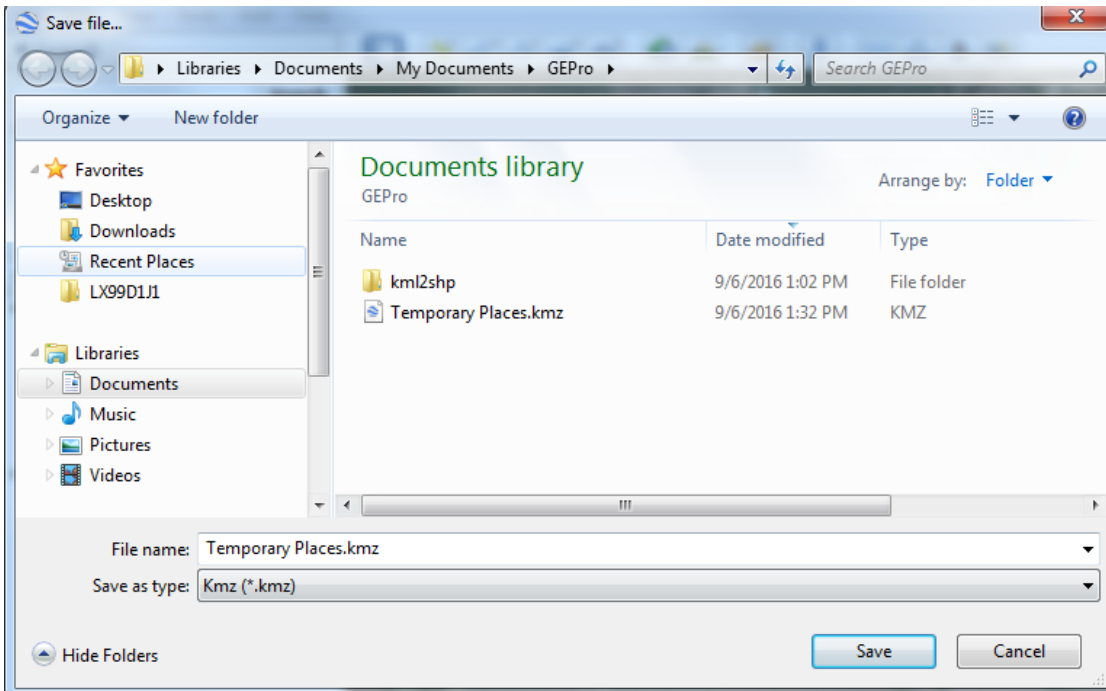
The first step in using GEP is to create the multiple places. These polygons should be placed into one folder (in this scenario 'Temporary Places' is used and test1, test2, and test3 are the polygons):



The second step is to save the entire 'Place' folder as one file. Right click on the folder for the menu to appear. Then choose 'Save Places As ...'



In this scenario, the file will be defaulted to the folder name of 'Temporary Places' and saved as a kmz file:



To this point, Google Earth Pro™ is used to create the polygons with each polygon created under one GEP folder and the GEP folder is saved as a kmz file.

The KMZ file now must be converted to a shape file. Of all the systems tested, the 'MyGeodata Cloud' online application is the only one found to be capable of quality conversion maintaining the integrity of multiple disconnected polygons. The site is found at:

<https://mygeodata.cloud/>

**MyGeodata Cloud**  
...a place where your GIS data lives!

Download shared GIS data or upload your own GIS data, convert them on-line to various GIS/CAD formats and coordinate systems, show your GIS data on a map, share or publish your data, and much more...

[Learn more »](#)

### Drive

#### GIS Data Warehouse

Browse GIS/CAD data shared by other users, upload your own data, manage them, convert or show in a map. Data can be filtered and sorted by various parameters - like distance from your geolocation, best rating, geometry type and others...

[Go to Drive »](#)

### Converter

#### Convert or Transform GIS Data

Free on-line GIS/CAD data conversion and transformation tool. Allows to convert uploaded data to various GIS/CAD formats using any coordinate reference system. Bulk conversion is available...

[Go to Converter »](#)

### Map

#### Show your Data on On-line Map

Display your GIS/CAD data quickly and freely on an on-line map viewer. You can store your data for further use, share them with other user or search and display data from other users that were shared with you or globally...

[Go to Map »](#)

Using the Converter application the file is uploaded to the application:

The screenshot shows the MyGeodata Converter website. At the top, there is a blue banner with the title "MyGeodata Converter" and the subtitle "Free Online GIS / CAD Data Conversion and Transformation Tool". Below this, a paragraph describes the tool's capabilities: "Convert and transform both vector and raster GIS/CAD data to various formats - online and for free. Including SHP, KML, KMZ, MIF/MID or TAB MapInfo File, GeoJSON, TopoJSON, CSV, GPX, GML, DGN, DXF, ESRI File Geodatabase, OSM, PBF, GeoTiff and many others. Almost all coordinates reference systems are supported - including WGS 84, World / Google Mercator, ETRS89, NAD27, NAD83, OSGB 1936 / British National Grid, ...". A "Learn more »" button is located below the text.

Below the banner, there are three main sections:

- Upload GIS/CAD Files:** "Upload and Convert or Transform". It features a dashed box with an upload icon and the text "Drag & Drop files here...". Below this is a button "Or browse files to convert". A note at the bottom states: "Upload your GIS/CAD data files to convert. Please note that **your data will not be shared to anybody** without your intervention."
- Check Capabilities:** "Find out supported formats". It includes two dropdown menus for "Input Format" and "Output Format", and another dropdown for "Find out supported coordinate systems" with the placeholder text "Type a keyword...". A "Check" button is at the bottom.
- Search Data to Convert:** "Use Public GIS Data to Convert". It describes browsing and filtering public GIS data. A "Go to Drive »" button is at the bottom.

Click on 'Add Files' to browse to the file:

## Drag & Drop Files Anywhere or Add Files by Browse

If your data contains any directory, please pack all the file structure to ZIP, RAR, 7Z, TAR or GZIP first. After all data are uploaded, you can continue...



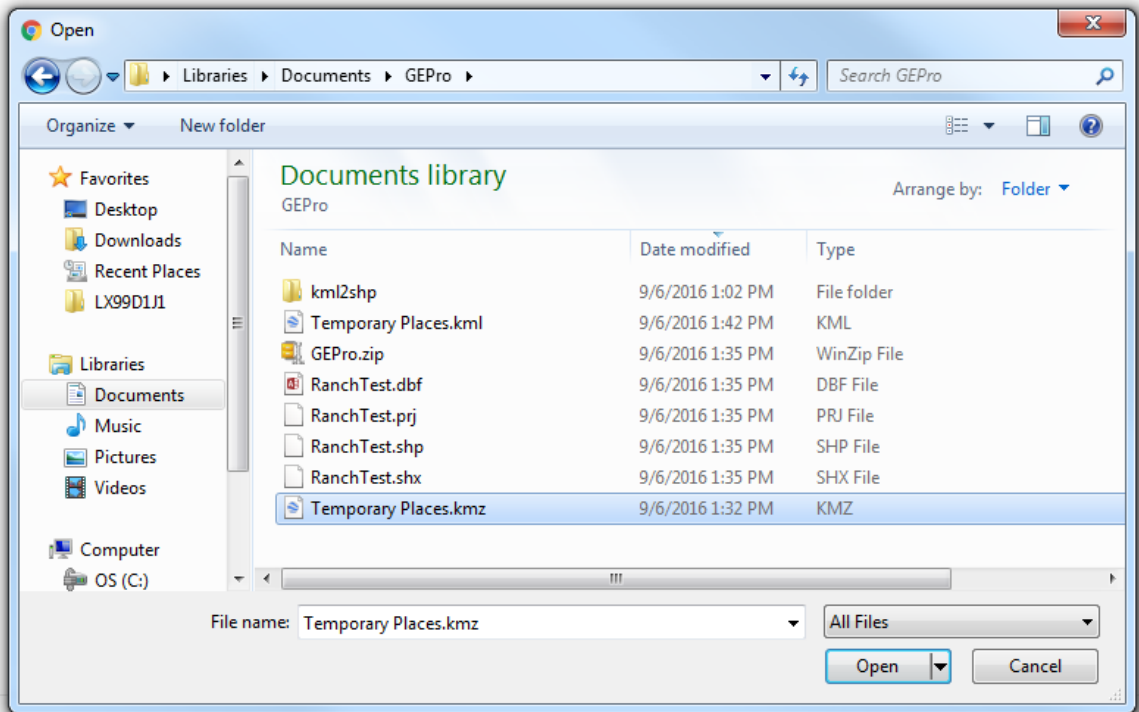
Add Files:

## Drag & Drop Files Anywhere or Add Files by Browse

If your data contains any directory, please pack all the file structure to ZIP, RAR, 7Z, TAR or GZIP first.  
After all data are uploaded, you can continue...

+ Add files...

Select from MyGeodata Drive...



Specify the output – the ESRI™ shapefile is the default:

### MyGeodata Converter

#### 1. Input Data

Input Layers to Convert

Temporary Places

Input parameters

Format: KMZ  
Coordinate system: WGS 84 (EPSG:4326)  
Characters encoding: UTF-8

Advanced Options >

#### 2. Output Data

Output Format

ESRI Shapefile (shp)

Output parameters

Coordinate system: (the same as input)

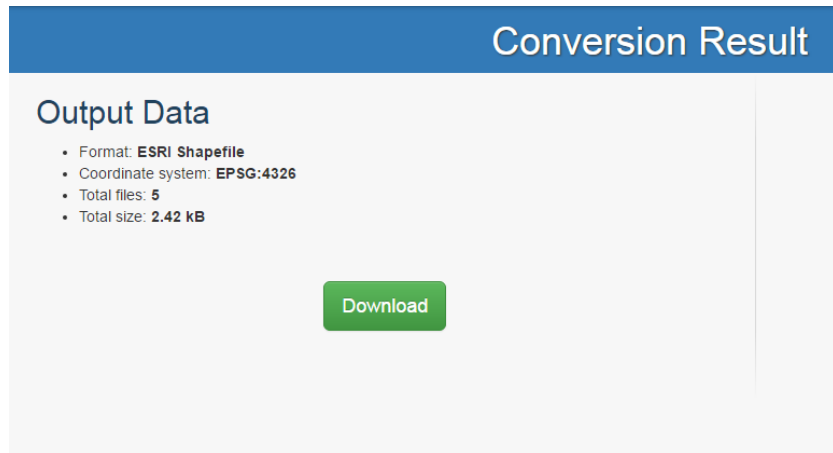
Advanced Options >

#### 3. Conversion

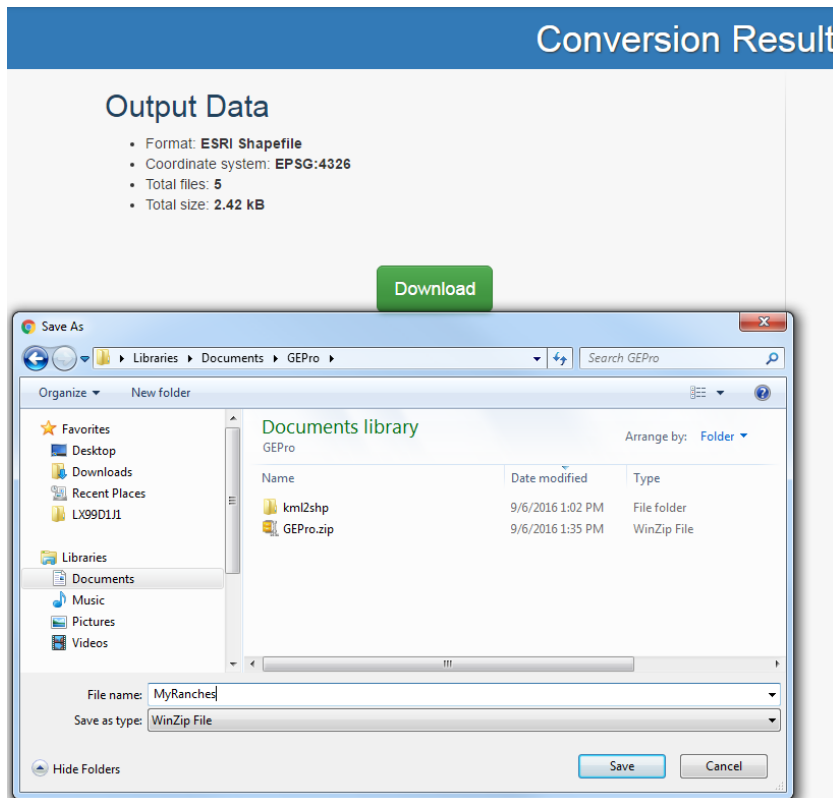
Layers Extent Overview Map

Convert now!

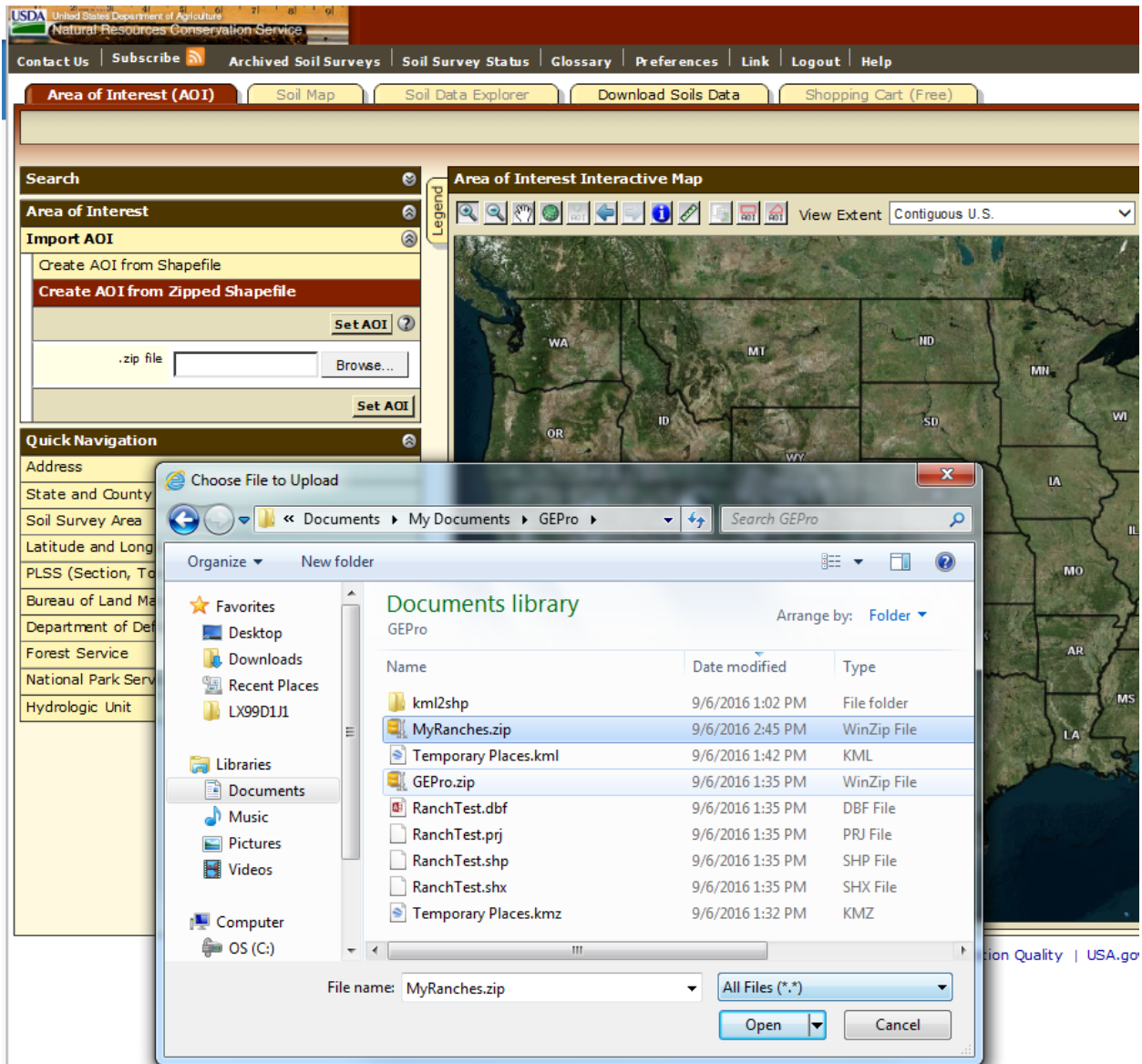
The Conversion Result appears and details the output:



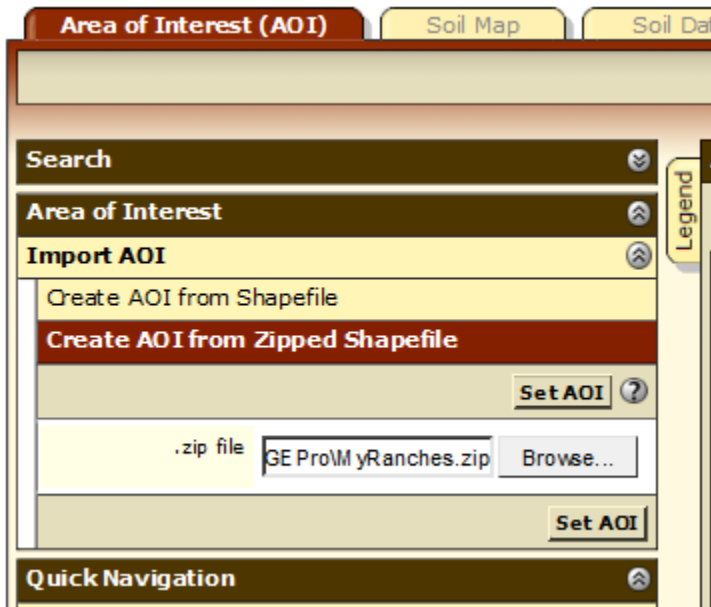
Download the data to your computer:



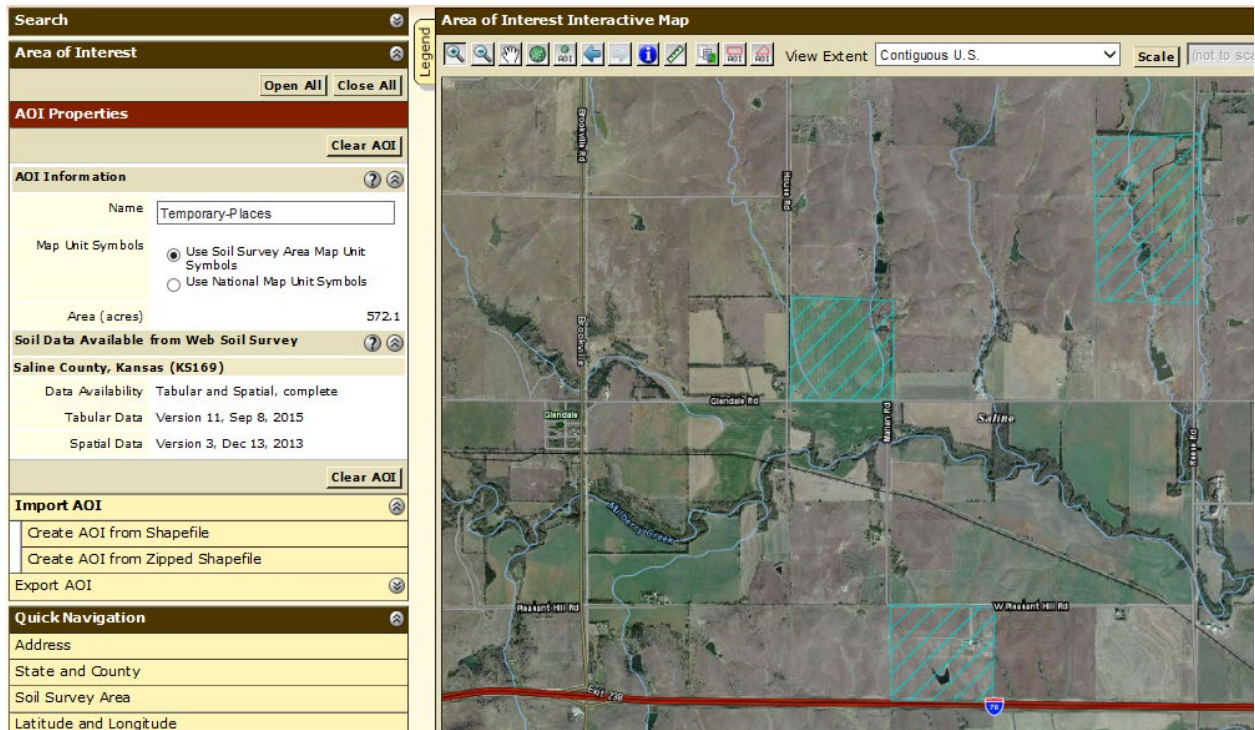
Open the Web Soil Survey application and choose to 'Import AOI':



Find the zipped file, 'MyRanches.zip' in this scenario:



Choose the 'Set AOI' button and the areas appear in Web Soil Survey as multiple AOIs:





And the customer can create thematic maps and reports of the multiple AOIs:

**Map — Range Production (Favorable Year)**

**Tables — Range Production (Favorable Year) — Summary By Map Unit**

Map unit symbol	Map unit name	Rating (pounds per acre per year)	Acres in AOI	Percent of AOI
2266	Tobin silt loam occasionally flooded	7480	71.9	12.6%
3350	Edalgo clay loam, 3 to 7 percent slopes	4854	73.4	12.8%
3391	Lancaster loam 3 to 7 percent slopes	4640	112.2	19.6%
3396	Lancaster-Hedville complex, 3 to 20 percent slopes	4755	190.3	33.3%

And, download the shape files and attribute data for use in their GIS, if they ever obtain one.

**Download Soils Data for...**

Your AOI (SSURGO)

[Create Download Link](#)

**General Information**

Link: Description of Soil Survey Geographic (SSURGO) Database

Download Contents: Tabular data, spatial data (if available), template database, and RDC metadata

Spatial Data Format: ESRI Shapefile, Geographic WorkSpace

**Soils Data Download Package for your AOI (SSURGO)**

AOI Name: Temporary-Places

AOI Location: Saline County, Kansas

Soil Survey Areas

Saline County, Kansas (KS169)

Area in AOI: 572.1 acres

Data Availability: Tabular and Spatial, complete

Version: Survey Area: Version 12, Sep 8, 2015  
Tabular: Version 11, Sep 8, 2015  
Spatial: Version 3, Dec 13, 2013

Template Database: State: US, Microsoft Access Version: Access 2003, Template Database Version: 36, Template Database Name: soil09\_us\_2003

Download Size

Download Link: Press Create Download Link to create a soils data download package for your Area of Interest.

[Create Download Link](#)

