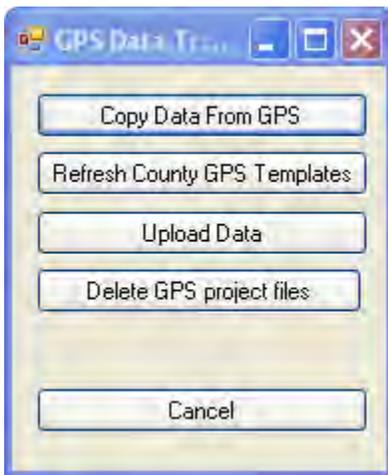


June 28, 2011

The PRO XYZ Global Positioning System (GPS) unit collects points, lines, and polygons using the ArcPad interface with the GPS unit. In Kansas, we have developed three shapefiles to be used for data collection. All polygons will be collected in a shapefile named GPS\_poly, all lines in a shapefile named GPS\_line, and all points in a shapefile named GPS\_point.



The **Copy Data From GPS** button will copy the GPS\_poly, GPS\_point, and GPS\_line shape files from the PRO XYZ GPS unit to the personal computer (PC).

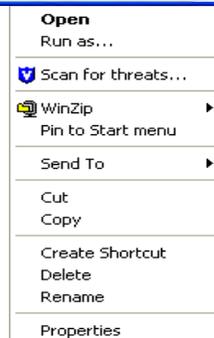
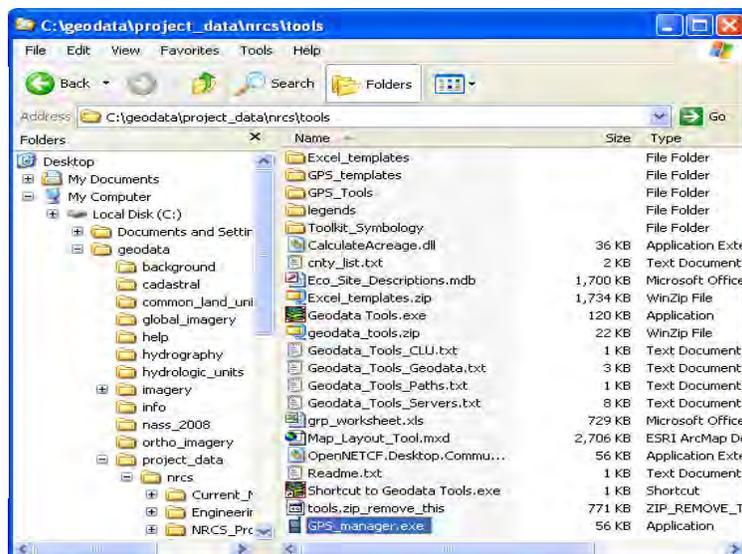
The **Refresh County GPS Templates** button copies blank GPS\_poly, GPS\_point, and GPS\_line shape files to the PRO XYZ GPS unit.

The **Upload Data** button will copy any shapefile to the PRO XYZ GPS unit. Examples would be a fence or a buffer that will be used in the field as a reference. These files should be project-specific and are temporary in nature.

The **Delete GPS project files** button will delete the temporary shapefiles that have been uploaded to the GPS unit with the **Upload Data** button.

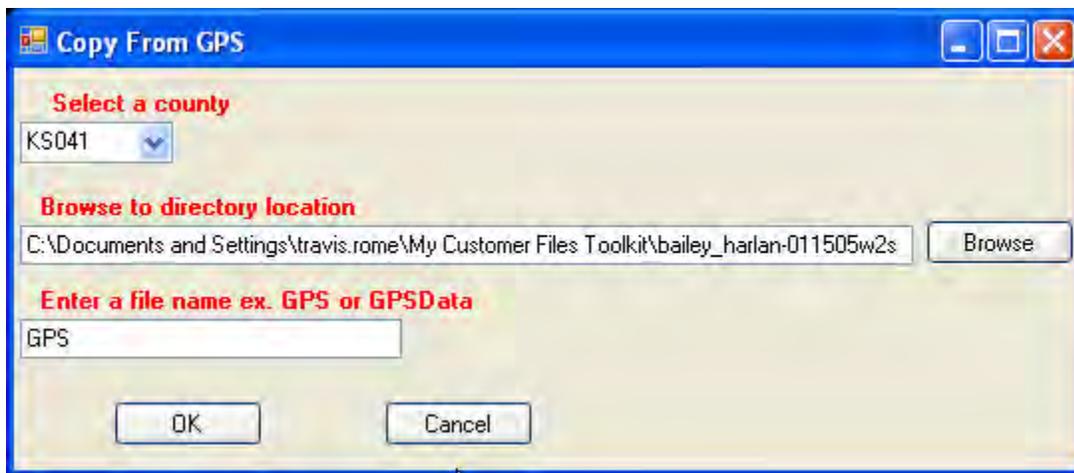
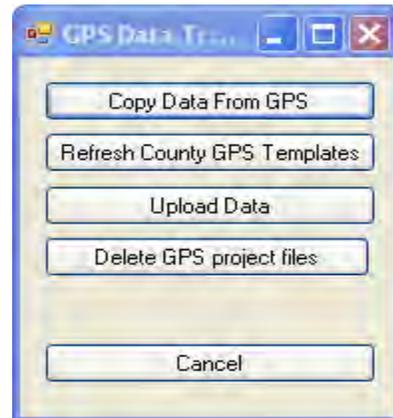
### Creating a Shortcut on the Desktop to the GPS Manager Tool

1. Open Microsoft Windows Explorer.
2. Navigate to  
C:\geodata\project\_data\nrcs\tools.
3. Right click on the  
**GPS\_manager.exe** file.
4. Left click on **Create Shortcut**.
5. Drag the newly-created shortcut to your desktop.

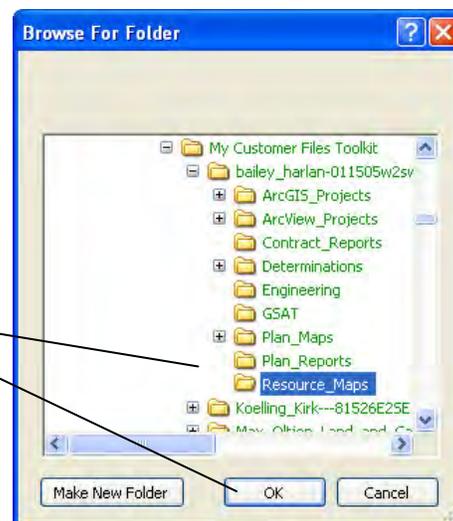


## Copy Data From PRO XYZ GPS Unit to PC

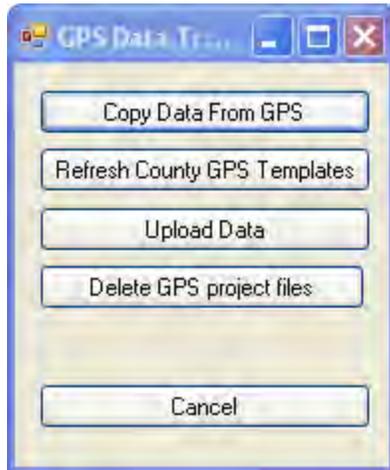
Click on the **Copy Data From GPS** button to copy the GPS\_poly, GPS\_point, and GPS\_line shape files from the PRO XYZ GPS unit to the PC. All three files will be copied to the directory selected.



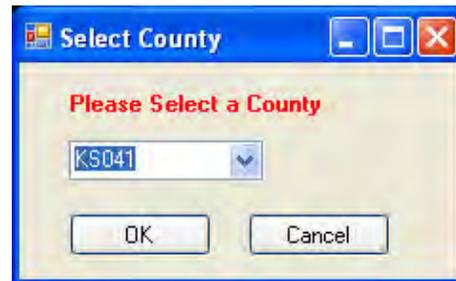
1. In the **Copy from GPS** dialog box, select the county from the drop-down list of counties.
2. In the **Copy from GPS** dialog box, click on the **Browse** button and navigate to the directory where the files will be saved using the **Browse For Folder** dialog.
3. In the **Browse For Folder** dialog, browse to the folder you want the files to be copied to. Click on the folder when it is highlighted. Click the **OK** button on the browse folder.
4. In the **Copy from GPS** dialog box, enter a name for the files. The name entered will be the prefix for all three files that are downloaded.
5. In the **Copy from GPS** dialog box, click the **OK** button.
6. In the **Copy Success** dialog, click the **OK** button.



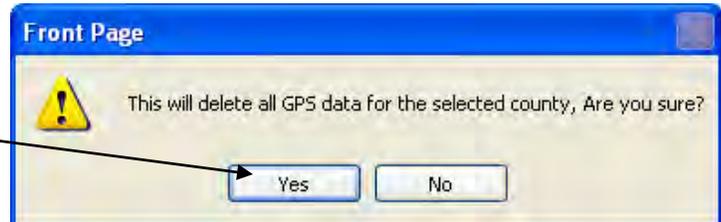
## Refresh County GPS Files to the PRO XYZ GPS Unit



The **Refresh County GPS Templates** button copies blank GPS\_poly, GPS\_point, and GPS\_line shape files to the PRO XYZ GPS unit to start your next GPS data collection mission with empty datasets. **This function will overwrite the existing GPS\_point, GPS\_line, and GPS\_poly shapefiles on the PRO XYZ GPS unit. Make sure that any collected features in these themes have been saved to a PC prior to running this tool.**



1. Click the **Refresh County GPS Templates** button in the **GPS Data Transfer** dialog box.
2. Select the county in the **Select County** dialog box by clicking the drop-down arrow and then clicking the county.
3. Click the **OK** button in the **Select County** dialog box.
4. In the **Front Page** dialog box, click **Yes** if you are sure that the GPS data for this county has been downloaded prior to running this tool.
5. Click the **OK** button in the **Copy Success** dialog box.



## Upload Temporary Shapefiles to GPS Unit

The **Upload Data** button will copy any shapefile to the PRO XYZ GPS unit. The uploaded shapefiles will be copied to the \\SD Card\geodata\project\_data\nrcs\tools\GPS\_templates\GPS\_projectfiles directory. These shapefiles are meant to be used to display on the GPS unit while in the field. They are not meant to be used to collect data. Examples of files would be a buffer or a fence shapefile created in ArcMap that will be displayed to help mark the features while out in the field.

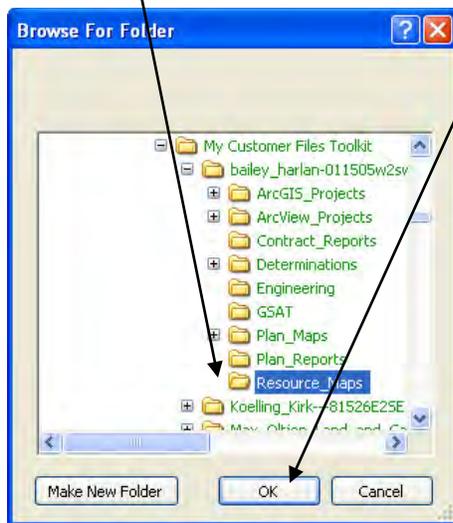
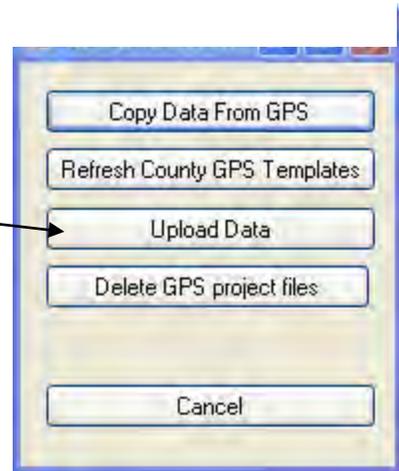
1. Double click the shortcut to GPS\_manager.exe on the



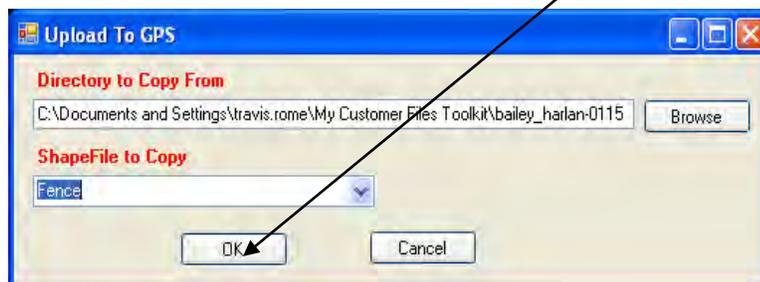
desktop

2. Click on the **Upload Data** button in the **GPS Data Transfer** dialog box.

3. Click the **Browse** button in the **Upload to GPS** dialog box and browse to the directory where the shapefile that is to be uploaded to the GPS unit exists. Click the **OK** button in the **Browse For Folder** dialog box once the correct directory is highlighted.



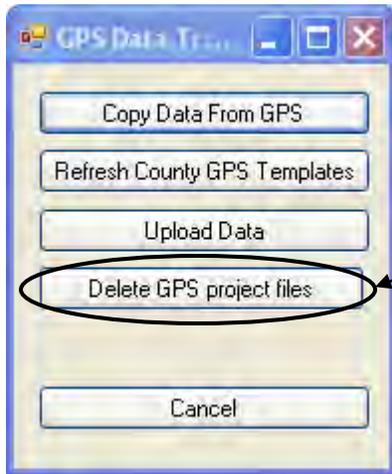
4. Click the drop-down arrow under the ShapeFile to copy item in the **Upload to GPS** dialog box. Select the shapefile to be uploaded to the GPS unit and click the **OK** button.



5. Click the **OK** button on the **Files have been copied successfully** dialog box.



### Delete Temporary GPS Project files



1. Click on the **Delete GPS project files** button.
2. Click on the **OK** button in the dialog box that pops up.

