

Revisions to Lab 7 needed to create an ArcPad Background Layers

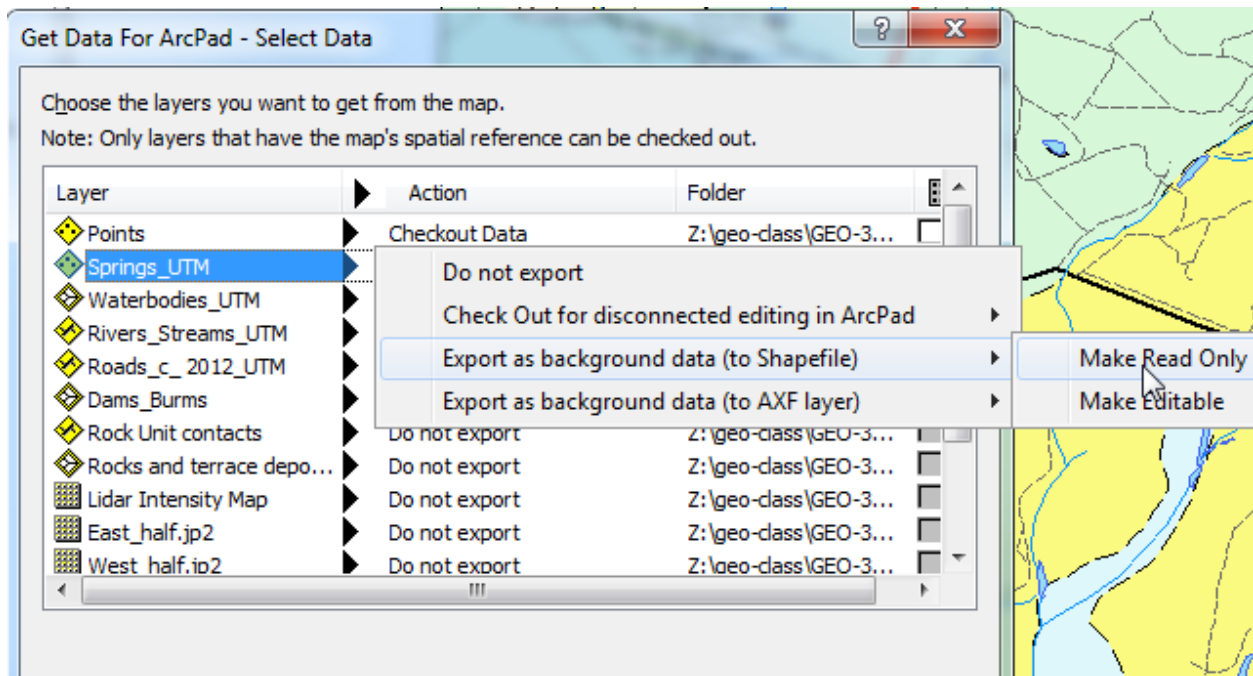
ArcCatalog Revisions

- 1) Open your original ArcMap Nueces River .mxd document.
- 2) In ArcCatalog within ArcMap, find the line feature class you made of the 1996 active channel. Right-click on it and "Export>To Shapefile (single)..."; choose a Lab_7_data folder output location, name the new file, and click OK. **Do not** store it in the Nueces_River_2014 geodatabase.
- 3) Close ArcMap.
- 4) Open Windows Explorer and browse to your Lab_7_data folder. **Delete the geodatabase** (*Nueces_River_2014.mdb* and *Nueces_River_2014.ldb*) **as well as your Nueces River ArcMap document.**
- 5) Browse to the class folder, **open the Lab_7_data_revised folder**. Copy the last 4 files (*Nueces_River.apo*, *Nueces_River_revised.mxd*, *Nueces_River.ldb*, *Nueces_River_2014.mdb*) to your Lab_7_data folder.
- 6) Open the new copy of *Nueces_River_revised.mxd* in ArcMap. Open the ArcCatalog window. Browse to your Lab_7_data folder, right-click on the *Nueces_River_2014* geodatabase and "Import>Feature Class (single)..." and import the shapefile you created in Step 2.
- 7) Add this new version of the 1996 active channel outline created in step 6 **from the geodatabase** to ArcMap and symbolize it as desired.
- 8) Save the ArcMap document.

Creating an ArcPad Project

The new geodatabase imported above and the new ArcMap document contain files that all have the same Spatial Reference (NAD83_UTM_zone14), so will behave nicely when used to create an ArcPad project.

- 1) Follow the instructions in Lab 7 to create an ArcPad project as before, but this time when exporting Background layers (Step 8), choose the option "Export as background data to Shapefile>Make Read Only", as shown below.



2) With help from Ali or me, load this new ArcPad project on a Trimble Nomad.

PDF Map Files

Our Trimble Nomads and the rather primitive (by modern app. standards) raster handling capabilities of ArcPad conspire to make it impossible to use the beautiful Nueces River LiDAR hillshade you created and the DOQs with the rest of our field data. To get around this, I've asked those of you who have smart phones to download and install the app. "PDF Maps". It will nicely load and display georeferenced PDFs created with ArcMap by simply locating a DropBox folder that contains the maps. I have created one at:

<https://www.dropbox.com/sh/1r6dlj05q3pkd1c/AAC2jgbBrrri-n0Np9i-kgfZa?dl=0>

To use it, download these shared DropBox files into your own DropBox account (free) and access it through PDF Maps. I will have printed copies for everyone as well.