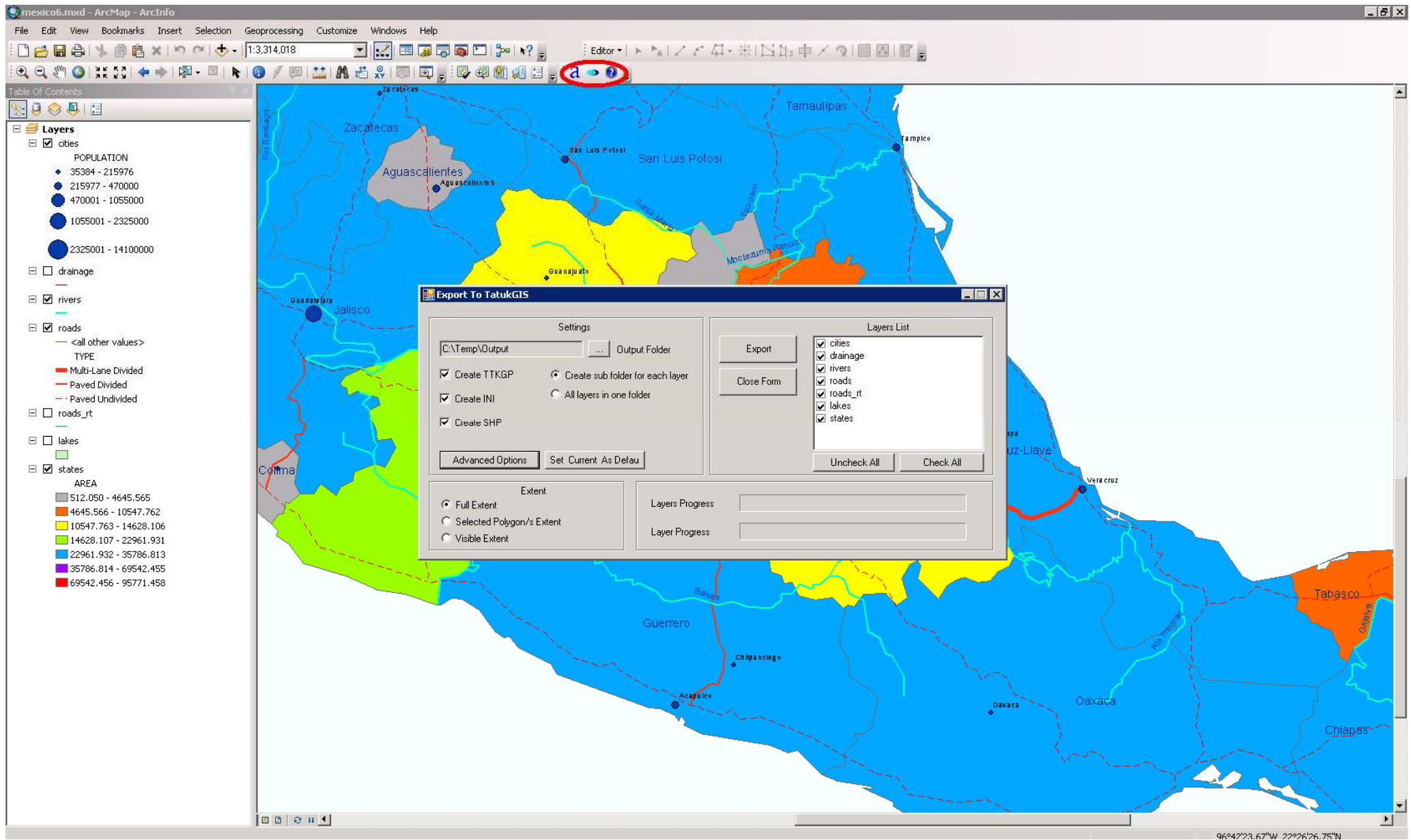# Arc2TatukGIS v10

Arc2TatukGIS v10 Add-In - Instant Help

Who needs this plug-in?

ArcGIS/ArcMap users who want to transfer a GIS project, including map layers with symbology , from ESRI ArcGIS/ArcMap to a TatukGIS software product.

How does the plug-in work?

Arc2TatukGIS converts the GIS project information from the ArcGIS *.mxd project file into a TatukGIS *.ttkgp project file. All vector map layers in the ArcGIS project are converted to SHP file layers in the TatukGIS project. The TatukGIS *.ttkgp project created will contain all the vector and raster files (the location of the raster layers will remain the same) . The exported project and data can be opened using TatukGIS software products, including the free TatukGIS Viewer, TatukGIS Editor, TatukGIS Internet Server, or any custom application developed using the TatukGIS Developer Kernel.

Do I need a license?

Arc2TatukGIS is a free product, as provided for in the TatukGIS license agreement. As an ArcMap plug-in, use of Arc2TatukGIS requires a licensed version of ArcMap (version 9.0 or higher).

How do I use the Plug-In?

1. Download the Arc2TatukIGS file from: http://www.tatukgis.com/Downloads/TrialFreeVersions/Utilities.aspx.
2. Choose the 9 extension or the 10 add-in.
3. Perform the fast and easy installation procedure on the computer running ArcMap.
4. Open ArcMap. A new Arc2TatukGIS toolbar will be visible.

5. The left icon allows you to choose a language for the user interface.
6. The right icon is the 'About' button, which opens a window with information about the product.
7. The middle icon is the Export button. Pressing this button opens the Export to TatukGIS window.

The Export to TatukGIS window provides for the following settings to control the export operation.
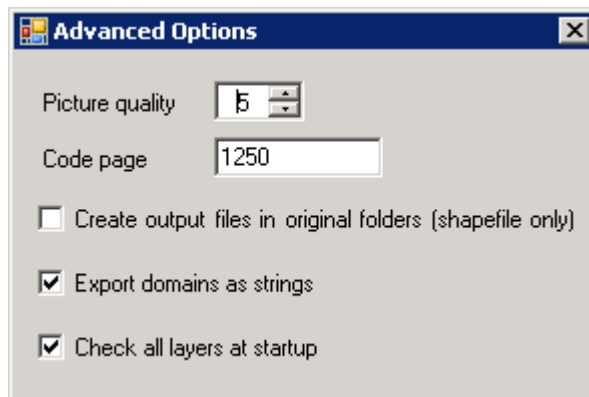

1. Specify the output folder to export to.

2. Check to export a *. ttkgp (TatukGIS project) file.

3. Check to create an ini file (for the map colors and other symbolgy).

4. Check to create a *. shp file for each vector map layer that is exported.

5. Choose the output organization.

6. Open the Advanced Option window.

7. Use this button, if desired, to save the export parameters as the default settings for next time.

8. Specify which layers to export.

9. Start the Export procedure.

10. Use the button to close the window.

11. Check/Uncheck all layers.

12. Specify the extent that is to be exported. Use one of three methods: Full map extent, user Selected polygon extent, or the Visible extent.

13. The Progress bars show the percent completion while an export operation is being performed.

Advanced Options

1. Select the image quality for any raster layers in the exported project (1 = poor, 5 = good, 10 = best).

2. Select the code page for the output INI file.

3. If the source is already shapefiles – do not convert them.

4. Don't export domains (numbers) as is – convert them into strings.

5. Check all layers at startup.

Technical Details

1. The Plug-in GUI is currently available in English, Polish, and Hebrew languages.
2. The supported source layer types include SHP files, coverages, Personal Geodatabase, File Geodatabase, ArcSDE layers, CAD layers, and any other ArcMap supported layer type.
3. Each source vector layer, regardless of the layer type, is exported to the SHP format.
4. Only vector and raster layers are shown in the listbox (8).
5. Selected polygon/s extent (12b) is a selected feature/s in the polygonal feature class/es.
6. Within the output file folder (1) will be created a sub folder with name of the source MXD file. This base sub folder will include 'n' folders, one for each checked layer in the list (8).
7. The TTKGP project file will be created in the base sub folder.
8. Each one of the 'n' folders will contain a SHP file and a symbology file (*.shp.ini).
9. The TTKGP project file will contain the coordinate system information, extent, map units, and scale information exported from the source MXD project file.
10. The vector renderers supported in this version (2.08) are: SimpleRenderer, UniqueValueRenderer and ClassBreaksRenderer.
11. Scale filtered layers are supported (minimum and maximum visible scale).
12. Labels are supported.
13. Filtered layers (query filter) are supported.
14. Joins to another layer/table are not exported.
15. During each export operation, Arc2TatukGIS checks all geometries in each exported layer and ignores any geometric features that are corrupted.