HGIS Workshop

Automating data creation with ArcScan
4

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Python Toolbox

Shapefile...

1

Copy
Paste
Delete
Rename
Properties...

Folder
File Geodatabase
Personal Geodatabase
Database Connections
ArcGIS Server Connections
Layer...
Group Layer

Create New Shapefile

Name: buildings_r
Feature Type: Polygon

Spatial Reference

Projected Coordinate System:
Name: NAD_1983_UTM_Zone_17N

Geographic Coordinate System:
Name: GCS_North_American_1983

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[OK]
1. Start Editing
   - Start editing encountered one or more layers with warnings. You may not be able to edit some layers if you continue.
   - Name: teststreets
   - Description: Spatial reference does not match data frame.
   - Continue

2. Generate Features
   - Generate Features... dialog box
   - Options:
     - Vectorization
     - Raster Cleanup
     - Cell Selection
   - Configure settings and options for vectorization.

3. Choose the line layer to add the centerlines to.
   - Template...
   - buildings

4. Save the average width of each line feature to an existing field.
   - Field name

5. Generate polygons where the maximum line width setting is exceeded
   - Template...
   - buildings
   - OK
1. Stop Editing
2. No
3. 0
   0 - 1
2 - select an area

2 - shift-click to deselect features
1 - To learn more about interactive ArcScan, please see http://resources.arcgis.com/en/help/main/10.2/index.html#/Exercise_1_Interactive_vectorization/000w00000009000000/

2 - To learn more about automatic vectorization, please see http://resources.arcgis.com/en/help/main/10.2/index.html#/Exercise_2_Automatic_vectorization/000w0000000m000000/