EnvSci 360 – Computer and Analytical Cartography
Spring 2017

- Lab 10 -

Using Data Driven Pages in ArcMap

Read through **"What are Data Driven Pages?"** at
http://desktop.arcgis.com/en/arcmap/10.4/map/page-layouts/what-are-data-driven-pages-.htm.
Also refer to the other pages in the 'Data driven pages' category on the left side of that page.

Then:

Create an MXD for 1999 Land Use for all six (6) towns on Martha's Vineyard, symbolizing on the 1999 21-category field LU21_1999. (You can use the legend you created for the Barnstable Land Use lab, or improve upon that). Also show town boundaries.

Notes:

1. Download the six Land Use shapefiles from http://www.mass.gov/anf/research-and-tech/it-serv-and-support/application-serv/office-of-geographic-information-massgis/datalayers/ftplus.html.
2. Merge the six shapefiles into one feature class.
3. Download the Town boundaries (TOWNS_POLYM) from http://wsgw.mass.gov/data/gispub/shape/state/towns.zip.
4. Extract just the six polygons for the Martha's Vineyard towns to a new feature class -- this will be the "Index Layer" for Data Driven Pages.
5. Include dynamic text on the layout based on the TOWN field.
6. Include a legend showing only the classes of land use that appear in the extent for that page.
7. Include a scale bar and other supporting elements.

When done, create a Map Package of your MXD and email it to michael.trust@umb.edu.