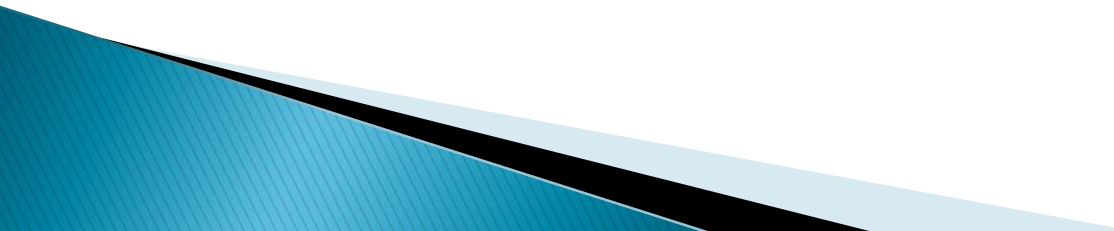


# The Value of GIS

- ▶ Map Services
  - ▶ ArcGIS Online
  - ▶ NC Association of Regional Councils
- 

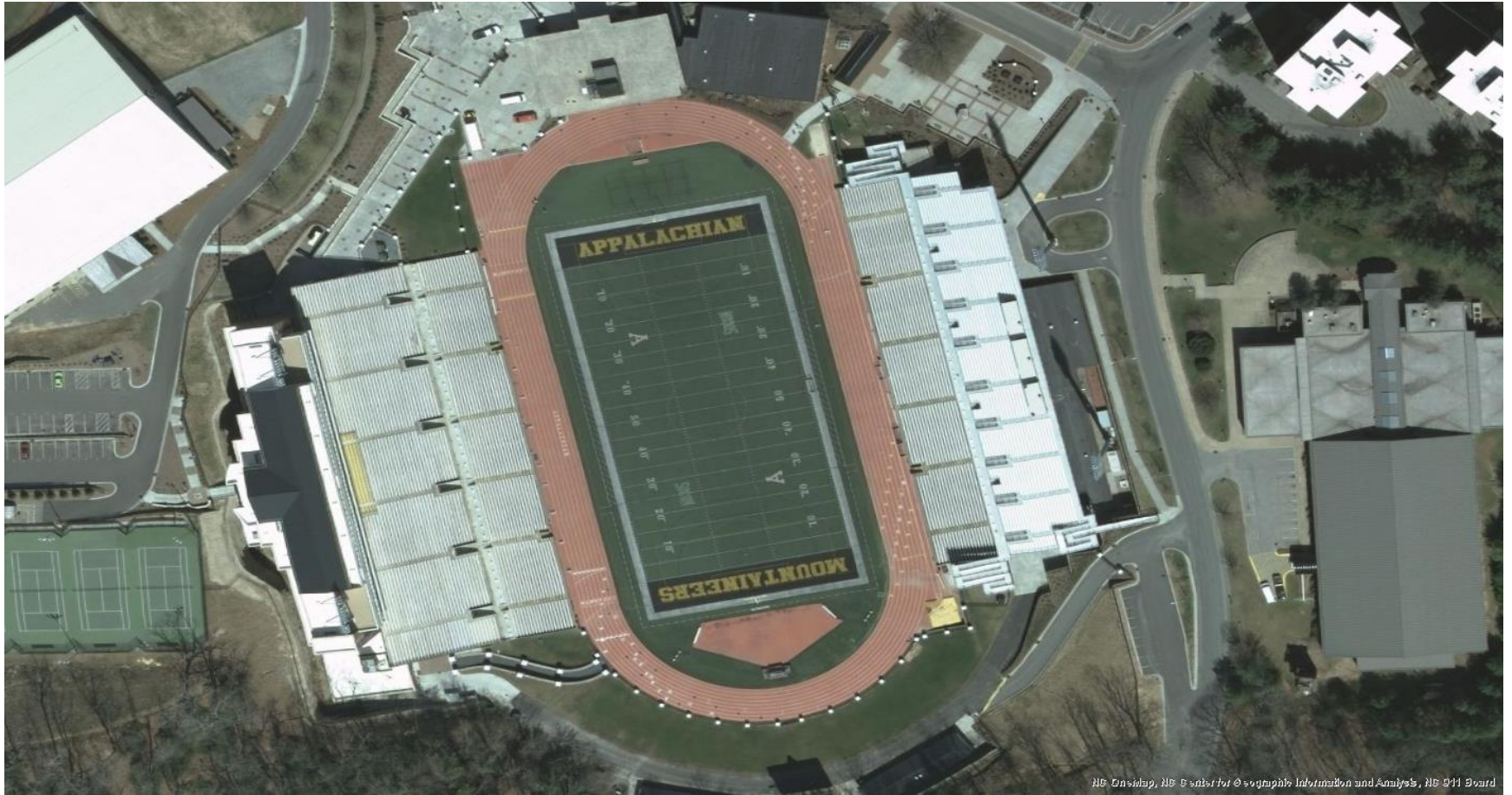
# Map Services



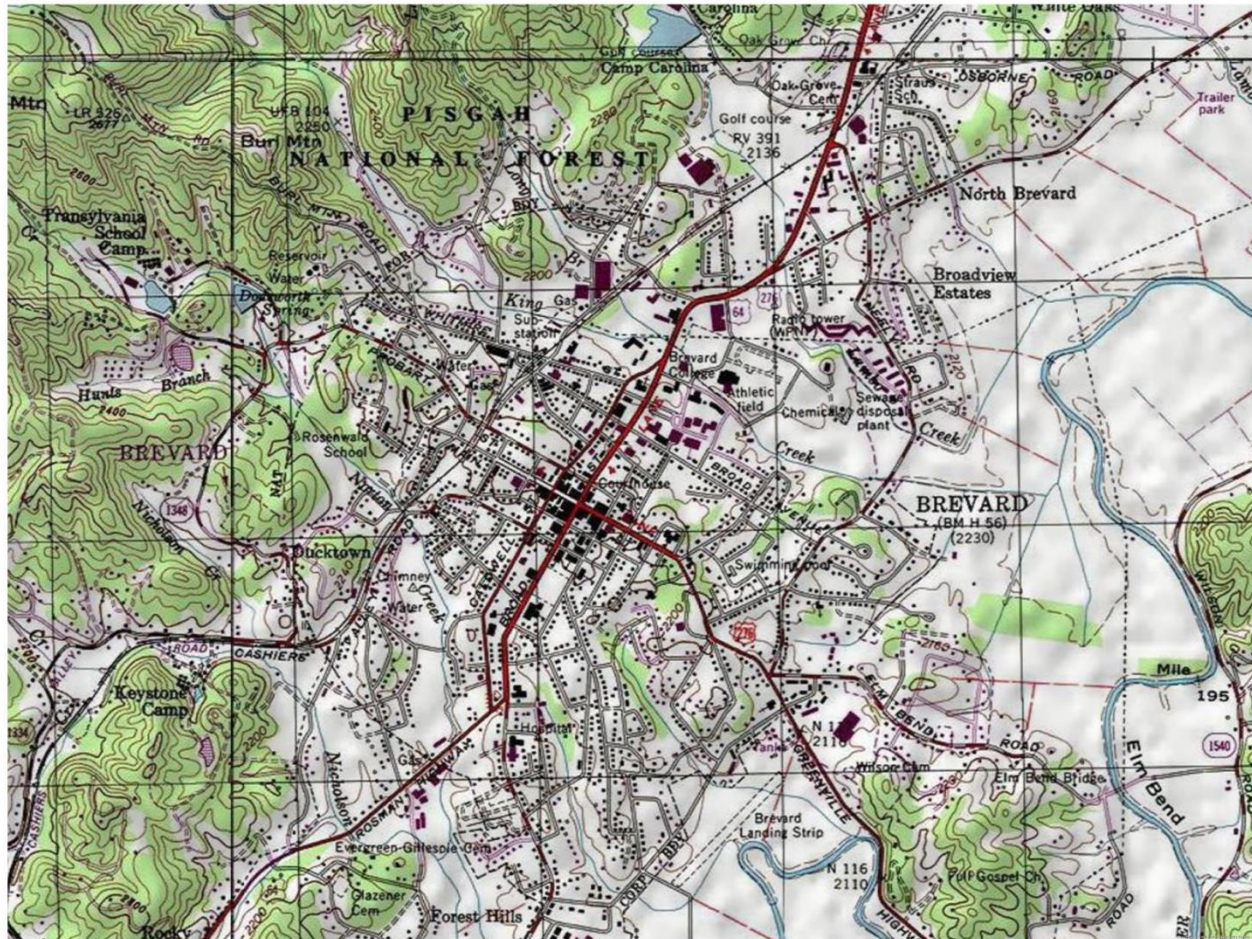
Provides fast and easy access to data sources without having to download, edit, or symbolize GIS data.

Ensures that you have the most up to date data.

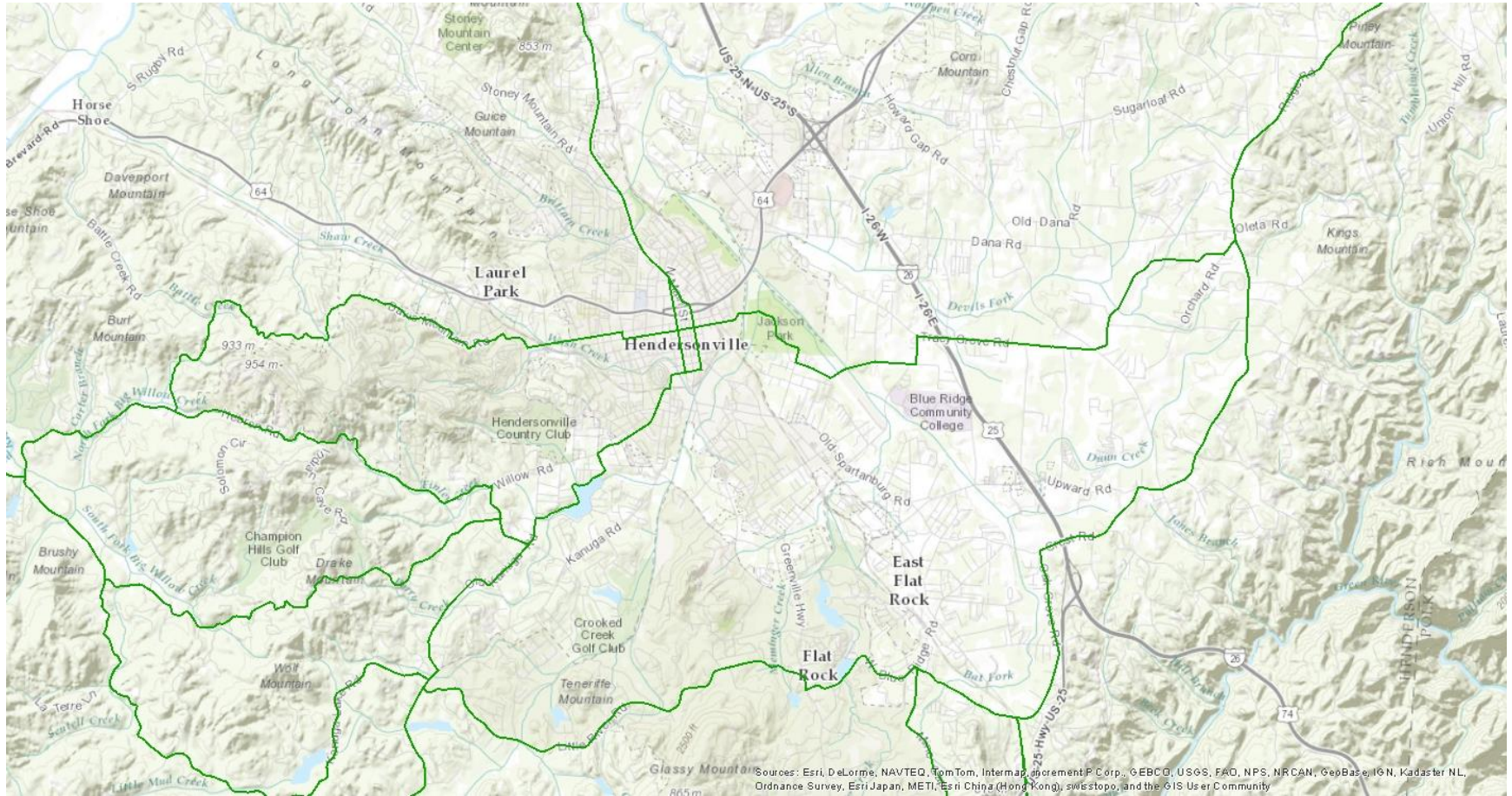
# CGIA Orthophotography



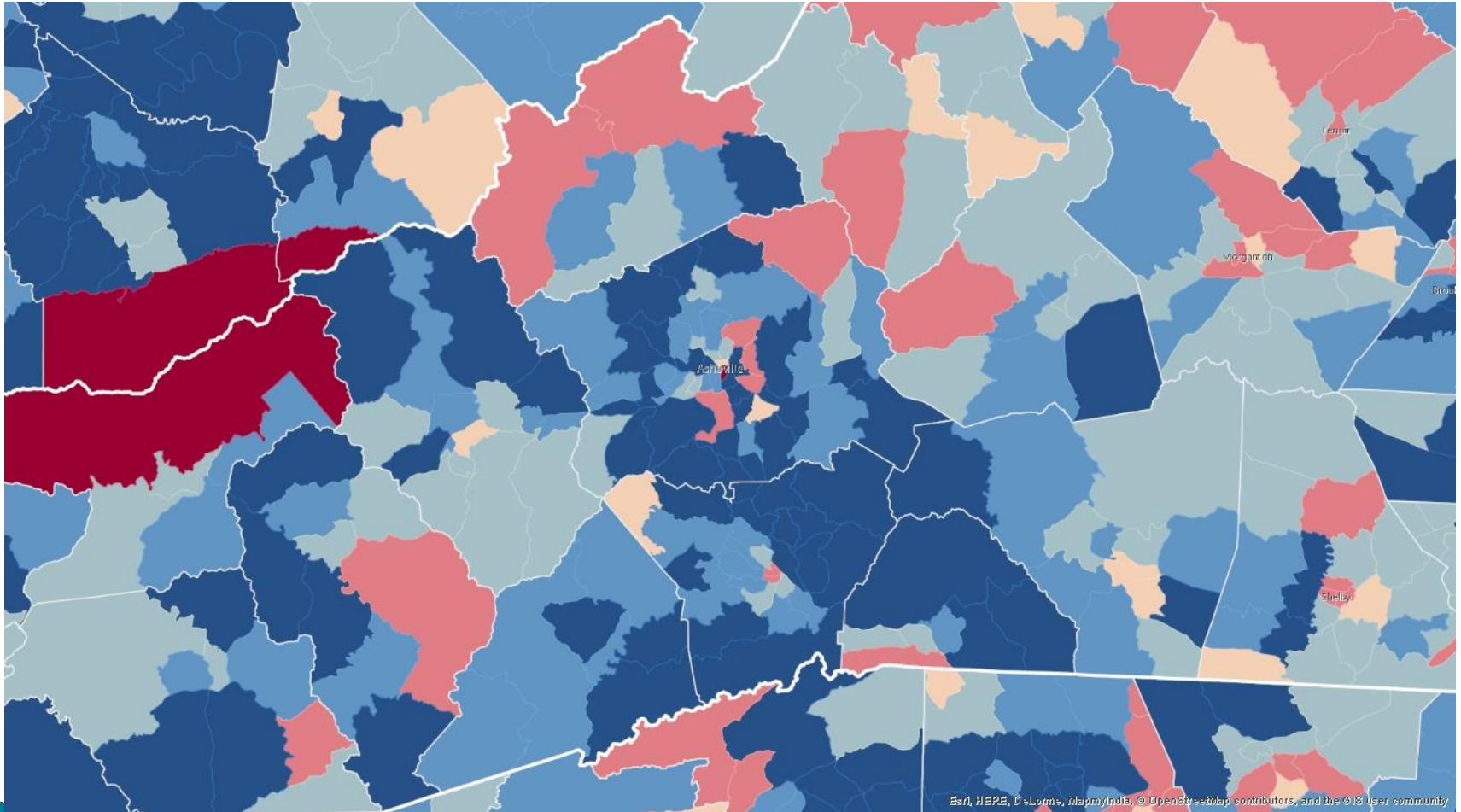
# USGS Topographic



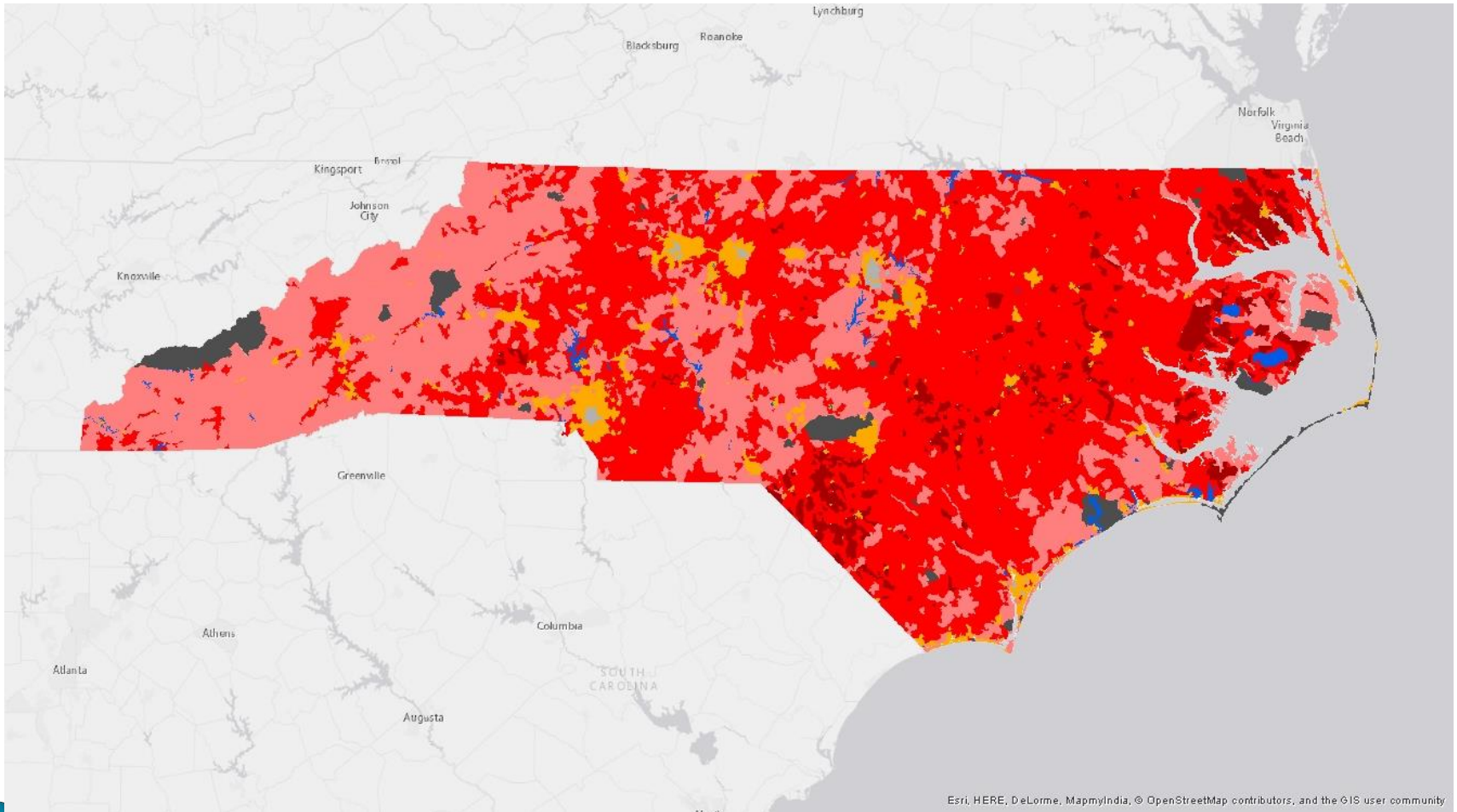
# NC DOT Designated Bike Routes



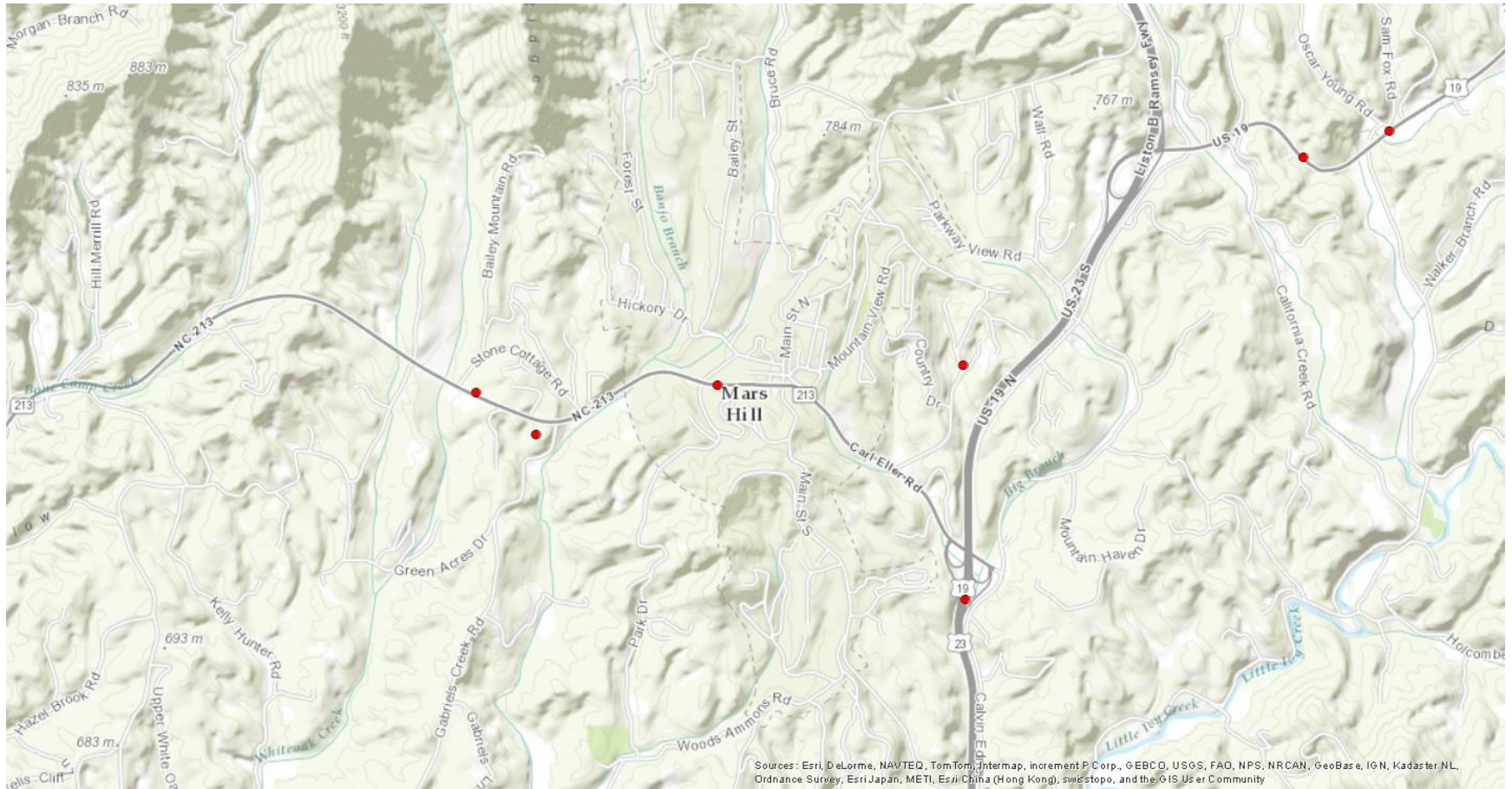
# US Census Bureau Population Change (2000 - 2010)



# NC Department of Agriculture Cropland



# NC DENR Pollution Incidents

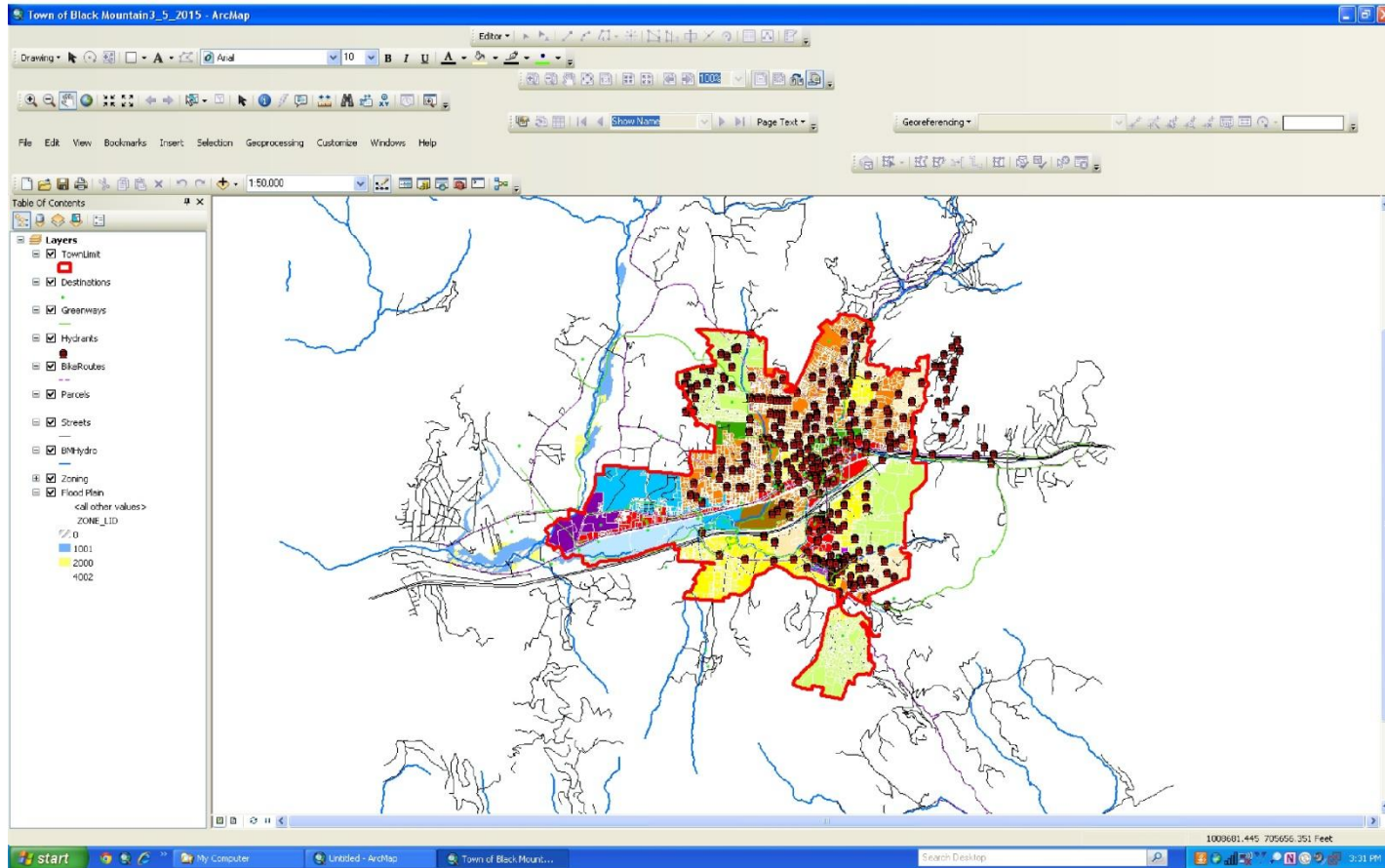




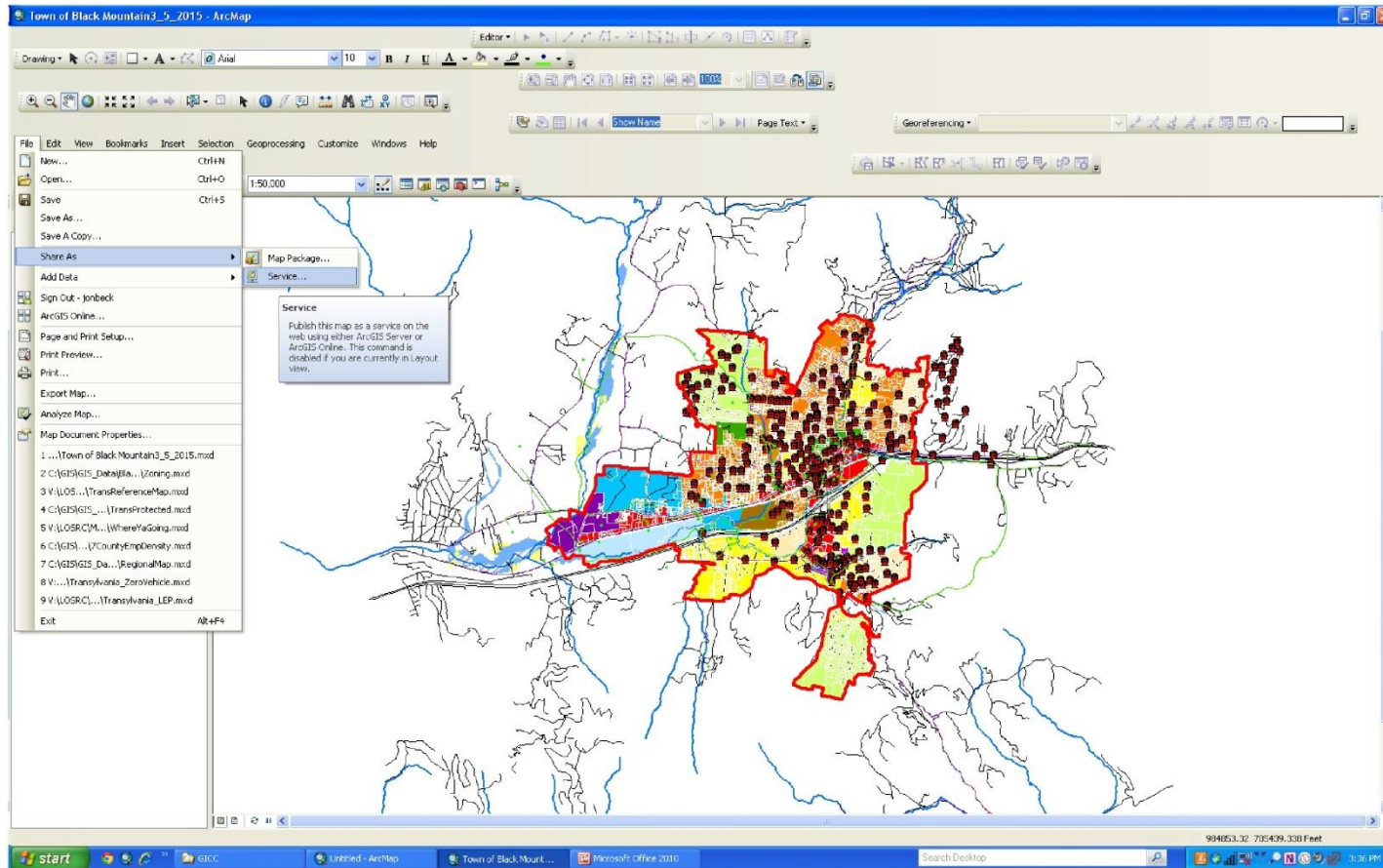
# Before AGOL



# Create Map Project on your Desktop



# Share as a Map Service



# Feature Layer

The screenshot displays a web browser window with the URL `ncarc.maps.arcgis.com/home/webmap/viewer.html?layers=33e276f07cc4280b39877ffff5b56c8useExisting=1`. The page title is "Town\_of\_Black\_Mountain3\_5\_2015". The map shows a topographic view of the Swannanoa area in North Carolina, with a red boundary outlining a specific region. Overlaid on this boundary are several feature layers represented by different colors: green, yellow, orange, red, purple, and blue. The interface includes a "Contents" panel on the left with a list of layers, each with a checked box and a dropdown arrow. The layers listed are:

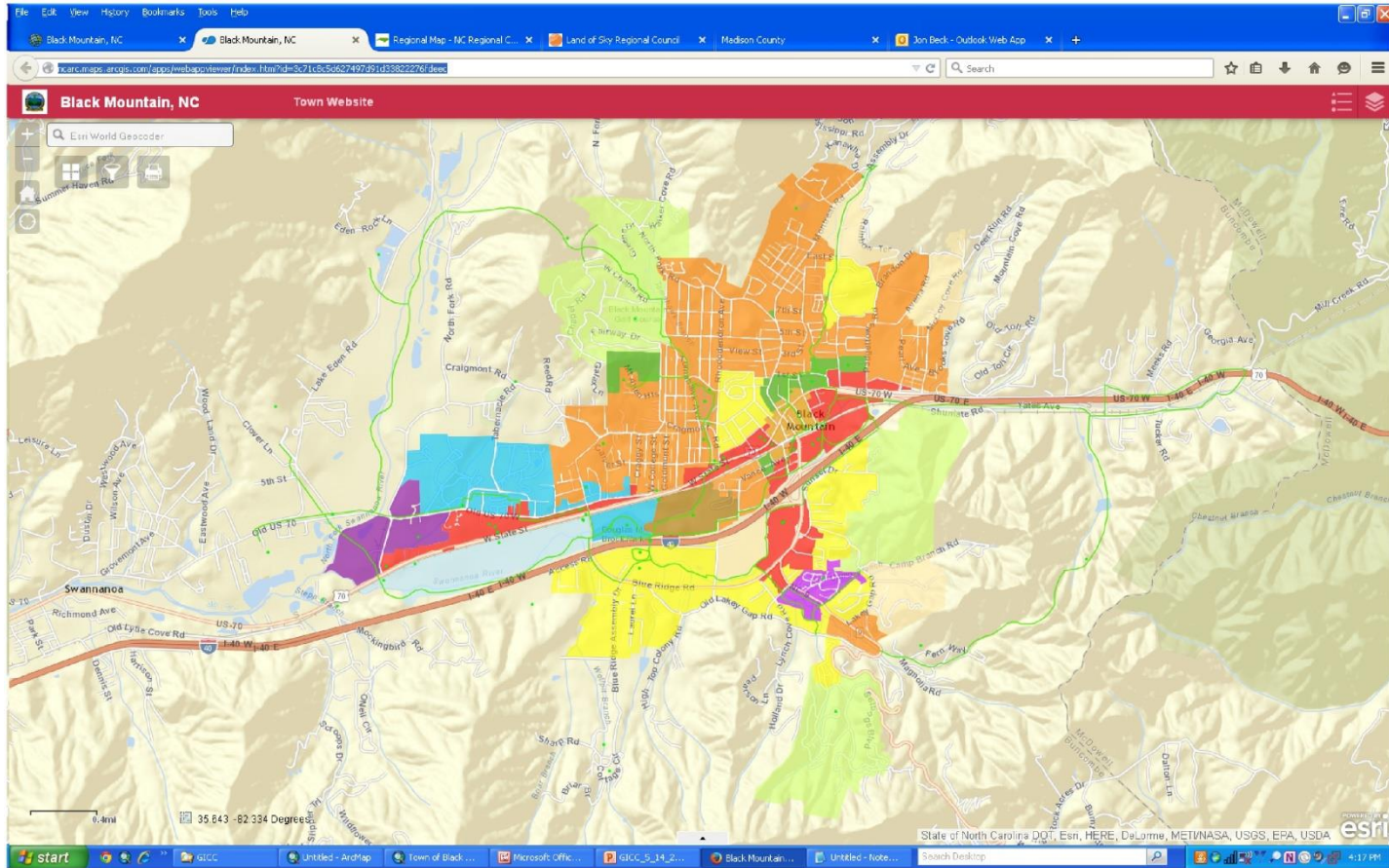
- Town of Black Mountain3 5 2015 - TownLimit
- Town of Black Mountain3 5 2015 - Destinations
- Town of Black Mountain3 5 2015 - Greenways
- Town of Black Mountain3 5 2015 - Hydrants
- Town of Black Mountain3 5 2015 - BikeRoutes
- Town of Black Mountain3 5 2015 - Parcels
- Town of Black Mountain3 5 2015 - Streets
- Town of Black Mountain3 5 2015 - BMHydro
- Town of Black Mountain3 5 2015 - Zoning
- Town of Black Mountain3 5 2015 - Flood Plain
- Topographic

The map also shows various geographical features such as "Swannanoa", "Walla Walla Mountain", "Montreal", "Barnett Reservoir", and "Big Cove". The interface includes standard map controls like zoom in/out, pan, and a search bar. The taskbar at the bottom shows several open applications, including "Microsoft Office 2010" and "GICC\_S\_14\_2015...".

# Web Map

The screenshot displays a web browser window with the URL `ncarc.maps.arcgis.com/home/webmap/viewer.html?webmap=10bd9e5fc3f941b193afb19ca43b0335`. The page title is "HOME - Black Mountain, NC". The interface includes a navigation sidebar on the left with a "Contents" panel listing various map layers such as "Town Limit", "Destinations", "Greenways", "Hydrants", "Bike Routes", "Parcels", "Streets", "Zoning", "Flood Plain", and "Streets". The main map area shows a topographic view of Black Mountain, NC, with various colored overlays representing different data layers. A search bar at the top right contains the text "Find address or place". The bottom of the browser window shows the Windows taskbar with several open applications, including "ArcMap", "Microsoft Office 2010", and "Black Mountain, NC...". The system clock in the bottom right corner shows "4:01 PM".

# Web Map Application

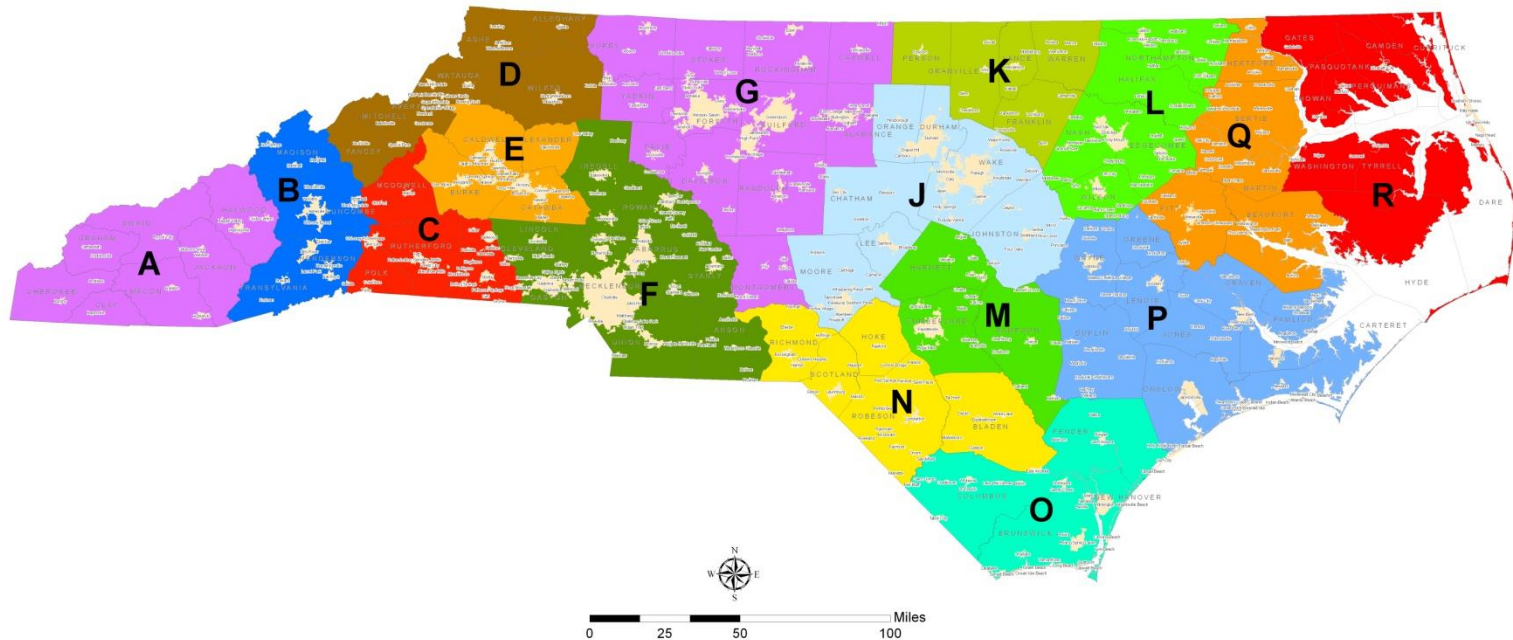


# Story Maps

The screenshot shows a web browser window with the following elements:

- Browser Tabs:** Black Mountain, NC; Black Mountain, NC; Regional Map - NC Regional C...; Land of Sky Regional Council; Madison County.
- Address Bar:** www.landofskygis.org/shortlist/feedback-shortlist-d22f897/index.html
- Page Title:** Madison County
- Page Subtitle:** Recreation Facilities in Madison County, NC
- Navigation:** A story map (with social media icons for Facebook and Twitter), a search bar, and a zoom control.
- Filter Tabs:** River Access, Rafting, AT Parking, AT Shelters, USFS Trails, Facilities.
- Facility Thumbnails:** A grid of six small images with numbered labels: 1 Redmon Dam, 2 Barnard Park, 3 Stackhouse, 4 NCC-Hot Springs, 5 Murray Branch, 6 Paint Rock Access, NCFN State Line.
- Main Map:** A topographic map of Madison County, NC, with a yellow line tracing a path through the area. Numbered markers (1-6) are placed along the path, corresponding to the facility thumbnails. The map shows terrain, roads, and county boundaries.
- Taskbar:** Windows taskbar at the bottom showing the Start button, several open applications (TransylvaniaC..., ArcMap, Microsoft Office, GICC\_5\_14\_2..., Madison Count..., Web Links - No..., Adobe Rea...), and the system tray with the date Monday, May 11, 2015, and time 4:33 PM.

# NC Association of Regional Councils of Government






# NC Association of Regional Councils of Government

## MISSION STATEMENT

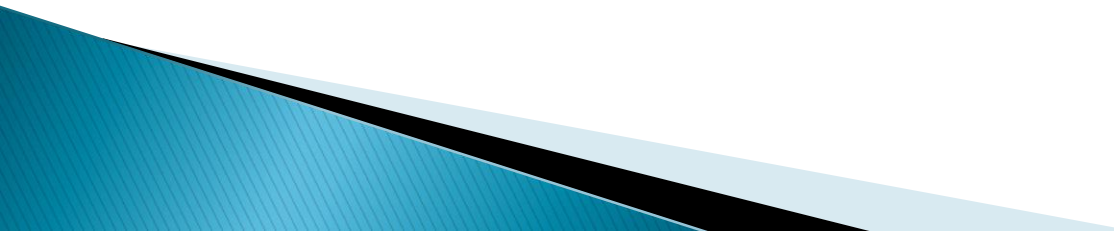
Our mission is to provide “creative regional solutions” to relevant and emerging issues in North Carolina while providing a standard of excellence in the delivery of federal, state and regional services for our member communities.

North Carolina is served by 16 regional councils in a broad range of services to local governments including but not limited to: community & economic development, workforce development, state & federal program management, planning & GIS mapping services, **grant writing**, regional collaboration and partnership building.

# COG Programs

- ▶ **Area Agency on Aging**
    - Regional Ombudsman, Fall Prevention, Family Caregiver Support
  - ▶ **Transportation Planning**
    - MPO, RPO
  - ▶ **Economic Development**
    - Brownfields, CEDS
  - ▶ **Environmental Services**
    - Air Quality, Water Resources
  - ▶ **GIS and Technical Services**
  - ▶ **Workforce Development**
- 

# GIS Services

- ▶ GPS Data Collection
  - ▶ GIS Training
  - ▶ Census & Demographic Analysis
  - ▶ Data Creation & Maintenance
  - ▶ Database Design & Administration
  - ▶ Utility Mapping
  - ▶ Land Use & Zoning Mapping
  - ▶ Environmental Applications
- 

# Questions?

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Land of Sky Regional Council  
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828-251-7463