



NC GICC Update

Federal Interagency Committee
25 August 2016



Council Priorities

- Address points
- Orthoimagery
- NC Parcels maintenance
- Statewide roads
- LiDAR and derived elevation products
- NC OneMap
- Standards
- Metadata standard implementation
- Census 2020



NC OneMap Services and HTTPS

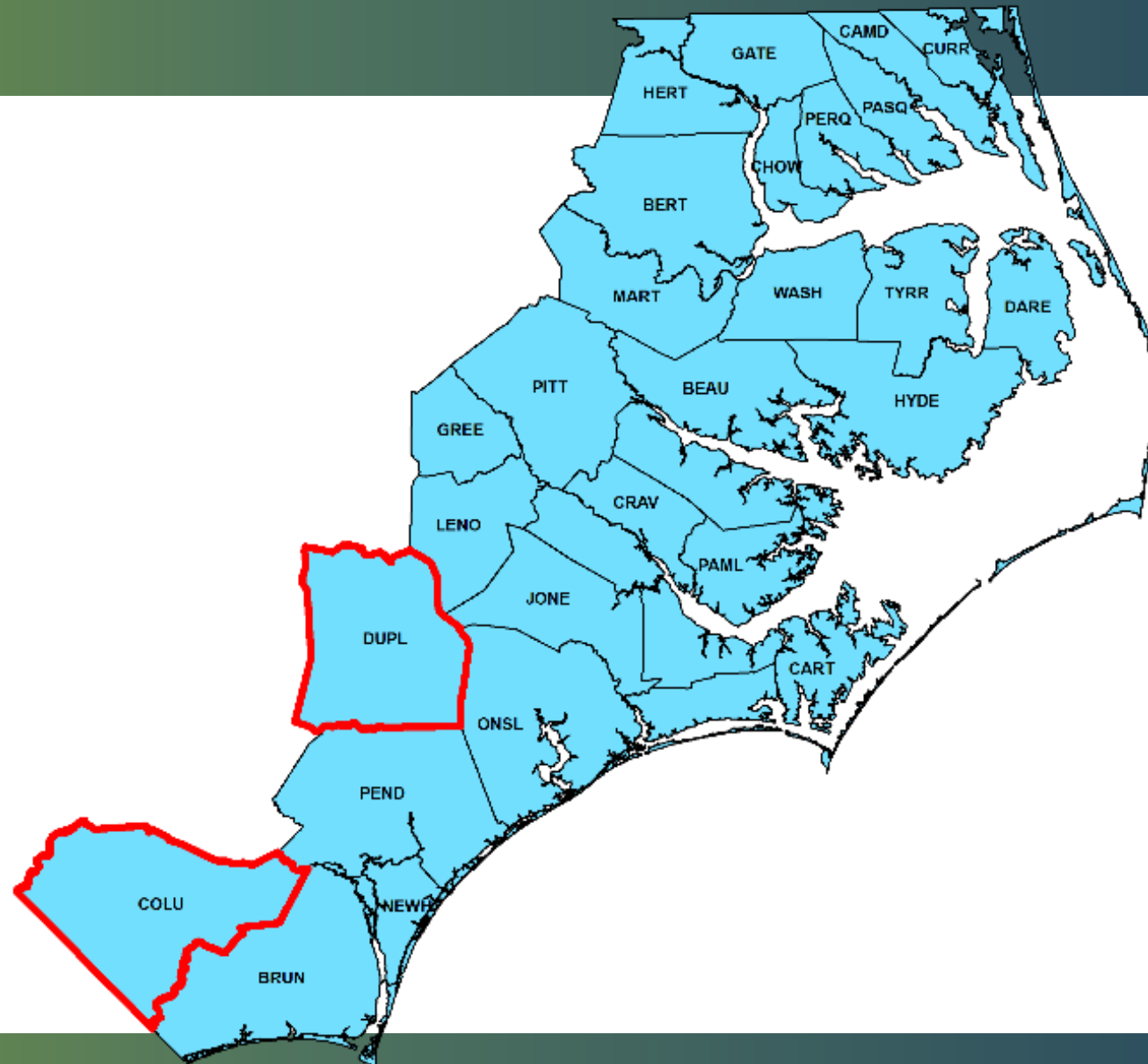


- **CAD, QGIS, custom applications, etc:**

- We are an Esri GIS shop so our experience with other GIS or CAD is limited. However, the approach is the same. Locate each instance where you are connecting to one of our services. In the url string, change the portion from "http://services.nconemap.gov/arcgis/rest/services" to "https://services.nconemap.gov/secure/rest/services." For example, to change the connection to the "boundaries" service, modify the current connection string
"http://services.nconemap.gov/arcgis/services/NC1Map_Boundaries/MapServer/WmsServer?"
to
"https://services.nconemap.gov/secure/services/NC1Map_Boundaries/MapServer/WmsServer?"
Check the online help for your software to get more information.

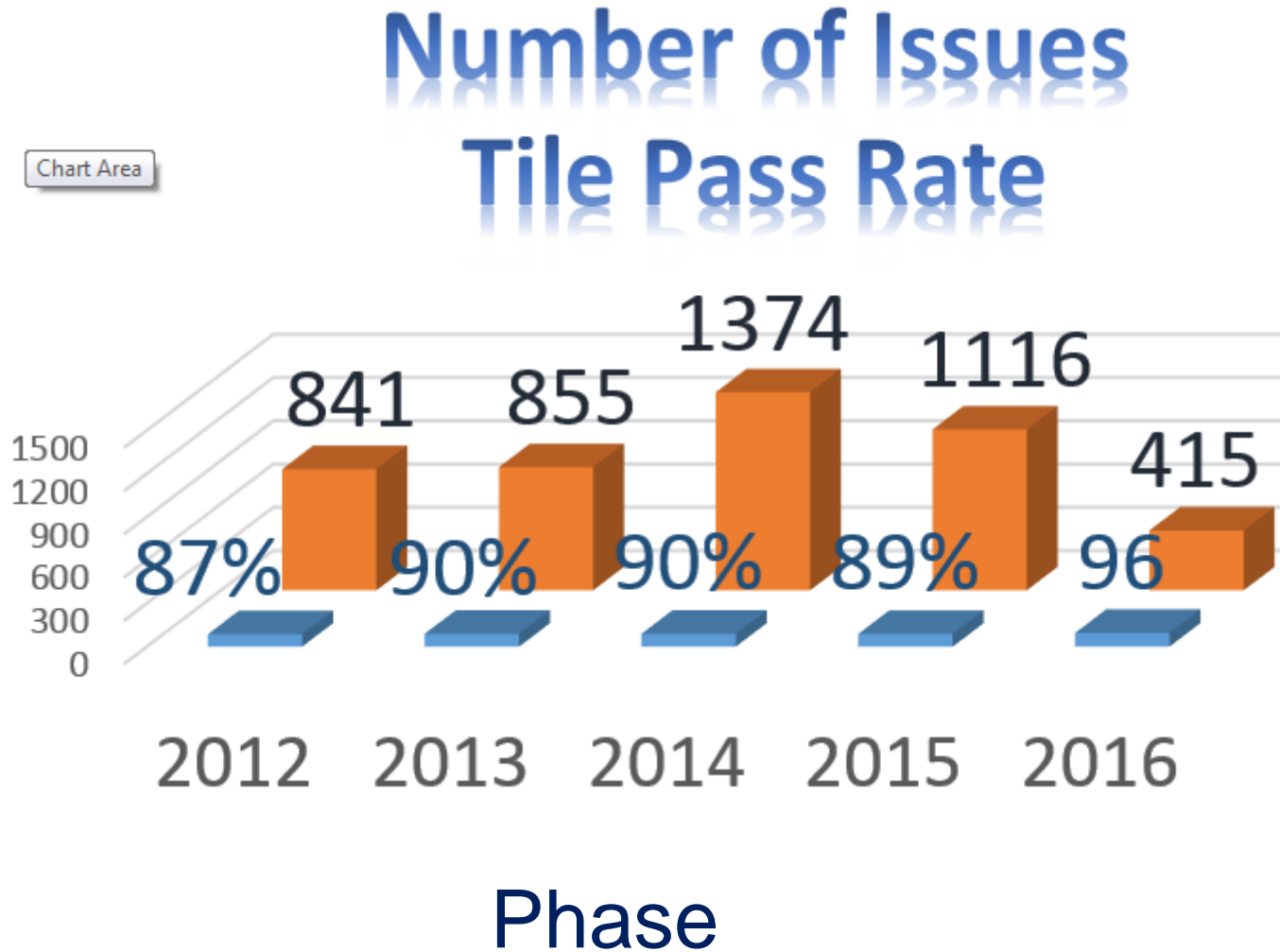


Coastal 2016



Coastal 2016 VOICE and Historical

Resolutions



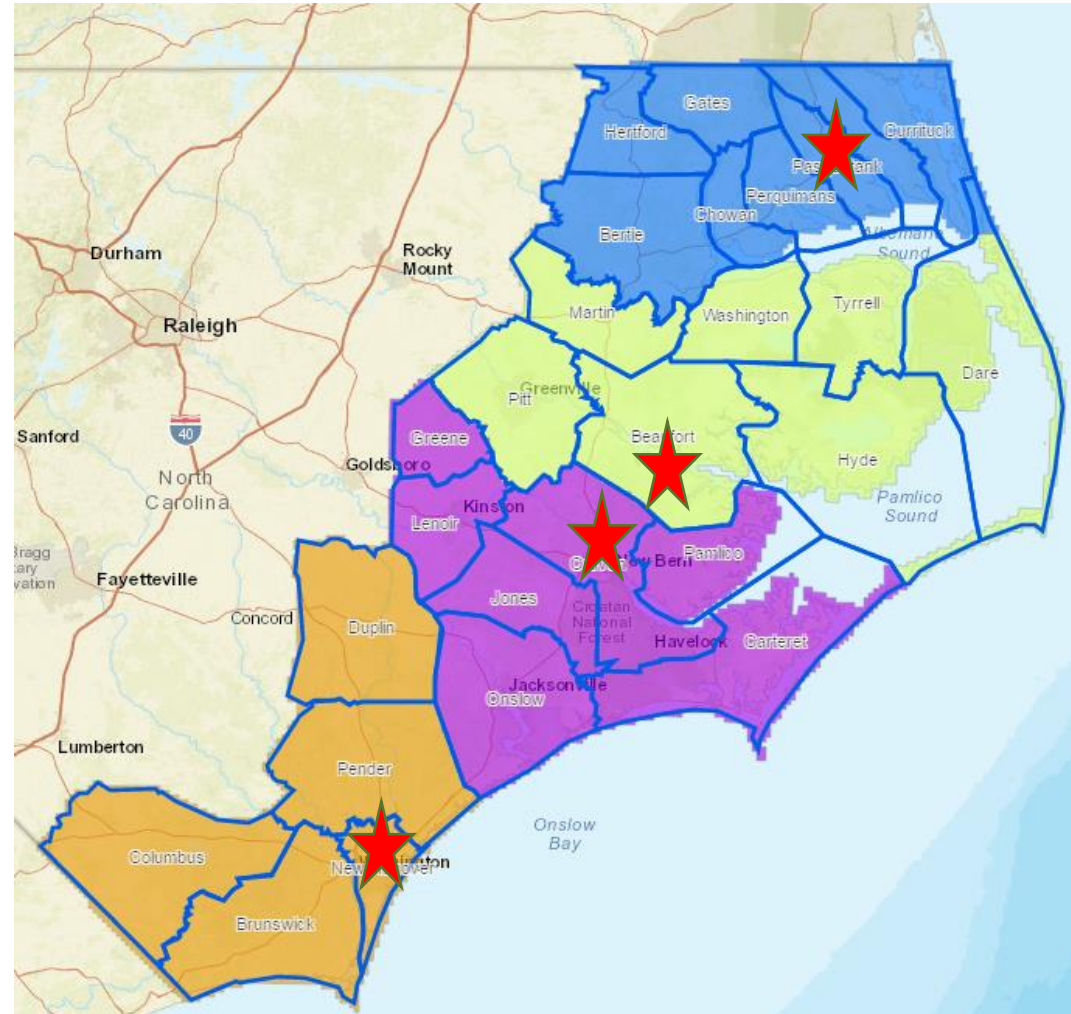
Distribution Meetings

SA1 – Elizabeth City January 18

SA2 – Washington January 19

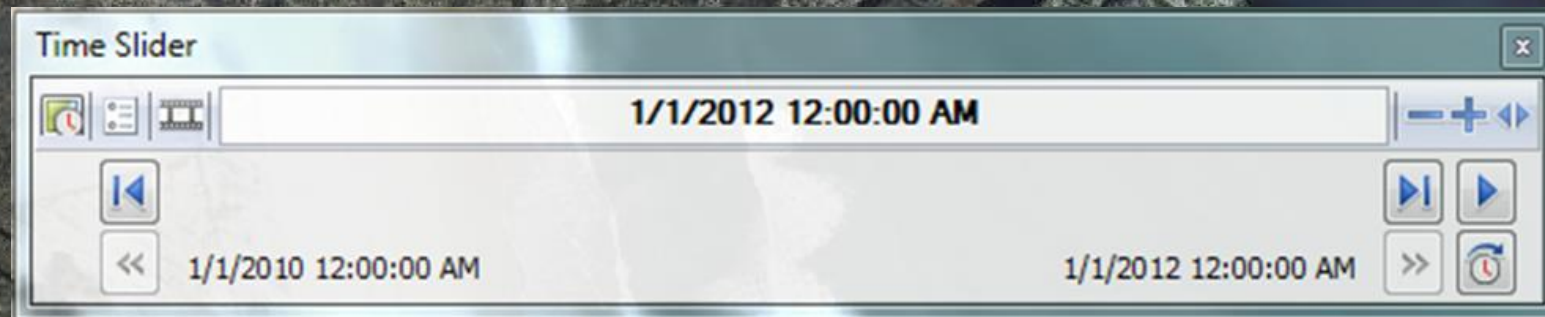
SA3 – New Bern January 23

SA4 – Wilmington January 24



NC OneMap – February 1

- Imagery
 - Orthoimagery Standalone – Per Year
 - Orthoimagery Most Recent
 - Orthoimagery All - 1995-2016



<https://services.nconemap.gov/secure/rest/services>

NC OneMap County Mosaic Download

The screenshot shows the NC OneMap GeoSpatial Portal search results for the term "mosaic". The search bar contains the text "mosaic" and a "Search" button. The results list includes "Latest Orthoimagery County Mosaic Downloads", "Artificial Reef and Oyster Sanctuary Side Scan Sonar Mosaic Rasters", "Surry County, NC 2008 Digital Orthos", "NC 2013 Orthoimagery Seamlines with Photo Exposure Dates", and "NC 2014 Orthoimagery Seamlines with Photo Exposure Dates". A red arrow points to the "Download/Open" link for the first result.

data.nconemap.gov/geoportal/catalog/main/home.page

NC OneMap GeoSpatial Portal

Help About NC OneMap

HOME SEARCH BROWSE DOWNLOAD IMAGERY LAUNCH MAP VIEWER

Search

Text: mosaic Search

Results 1-10 of 46 record(s) 1 2 3 4 5 > Last

Expand Results [Zoom To Results](#) [Zoom To Search Area](#)

Records shown from: This Site
Click here to select different site(s) or configure search.

More Search Options [Clear](#)

WHEN

Intersecting Fully within

Start Date: (yyyy-mm-dd)

End Date: (yyyy-mm-dd)

WHERE

Anywhere Intersecting Fully within

Text:

Latest Orthoimagery County Mosaic Downloads
Orthoimagery in North Carolina captured during leaf-off conditions with 6-inch ground resolution, is a public resource provided by North Carolina's Statewide Orthoimagery Program, supported by the NC 911 Board. The state program includes orthoimagery acqu...
[Download/Open](#) [Preview](#) [Details](#) [Metadata](#) [Zoom To](#)

Artificial Reef and Oyster Sanctuary Side Scan Sonar Mosaic Rasters

Surry County, NC 2008 Digital Orthos

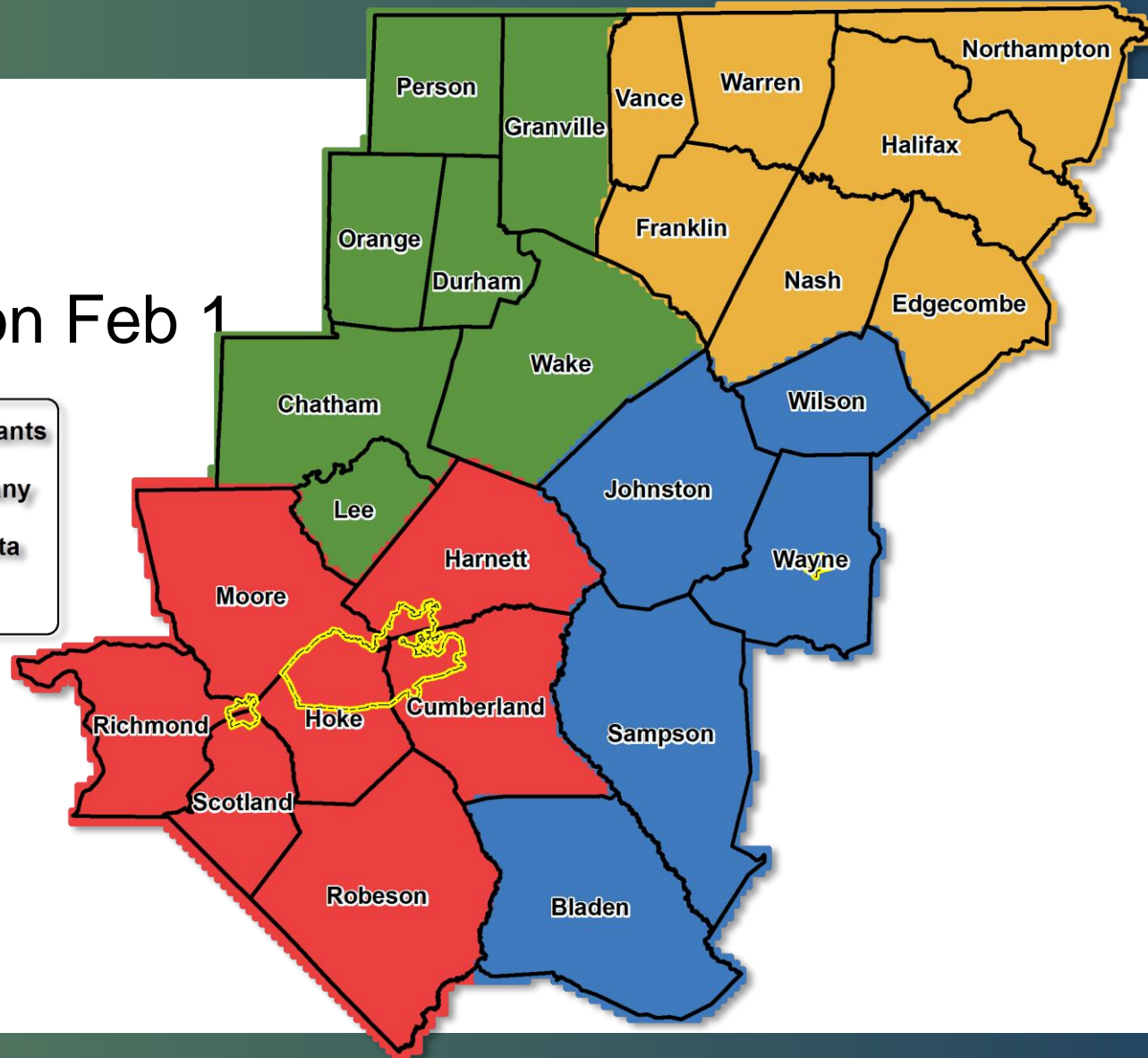
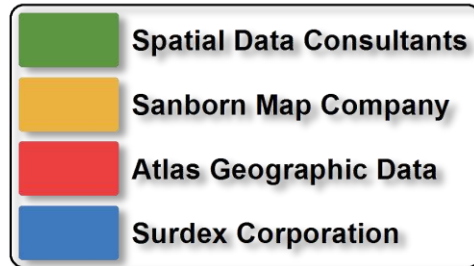
NC 2013 Orthoimagery Seamlines with Photo Exposure Dates

NC 2014 Orthoimagery Seamlines with Photo Exposure Dates



Eastern Piedmont 2017

- 26 Counties
- Target acquisition Feb 1

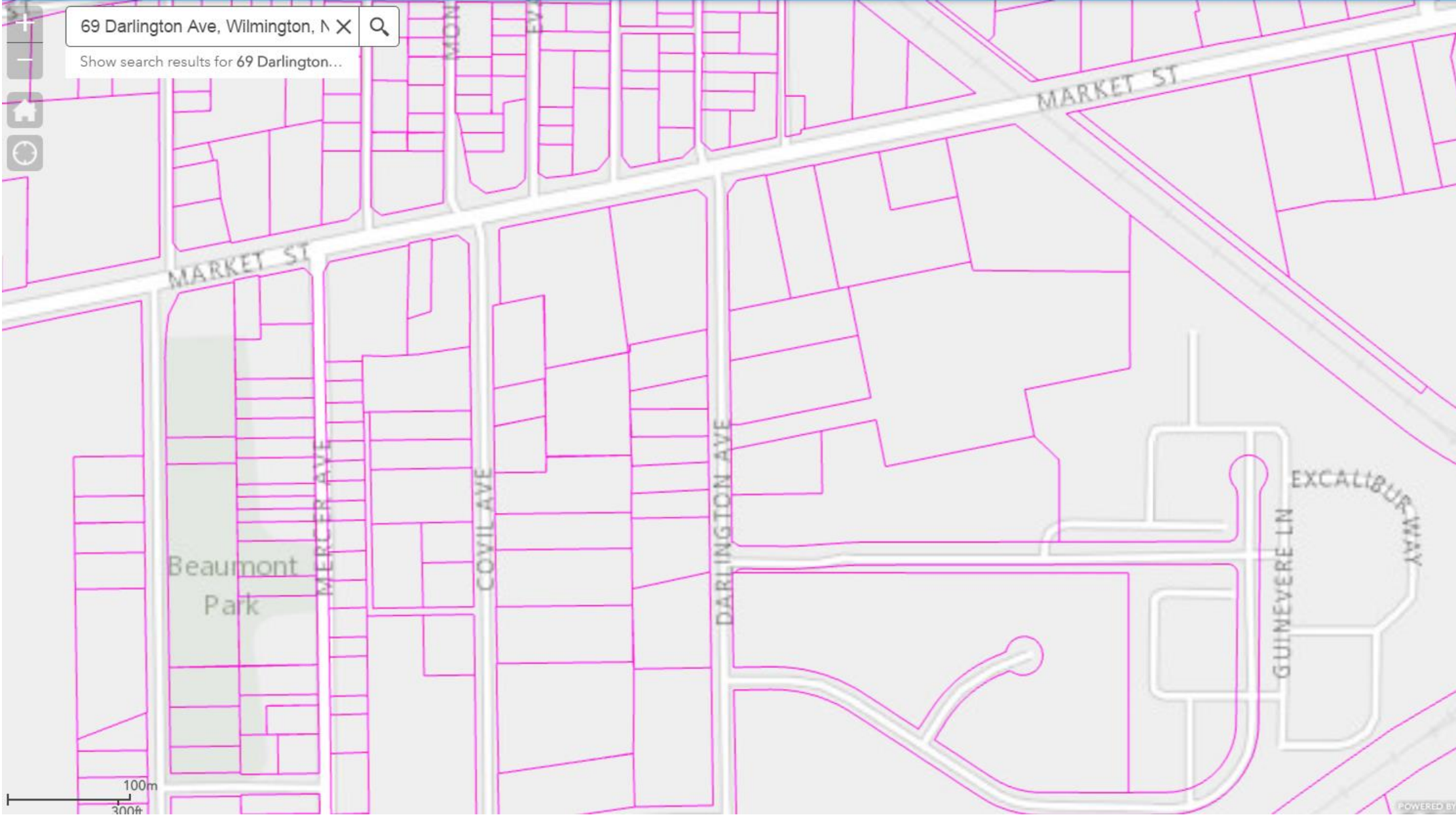


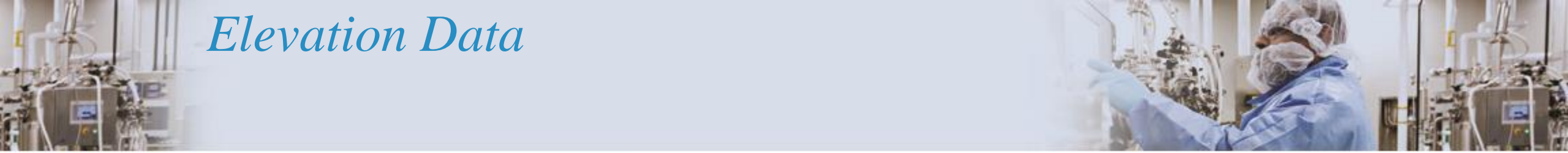


69 Darlington Ave, Wilmington, N X

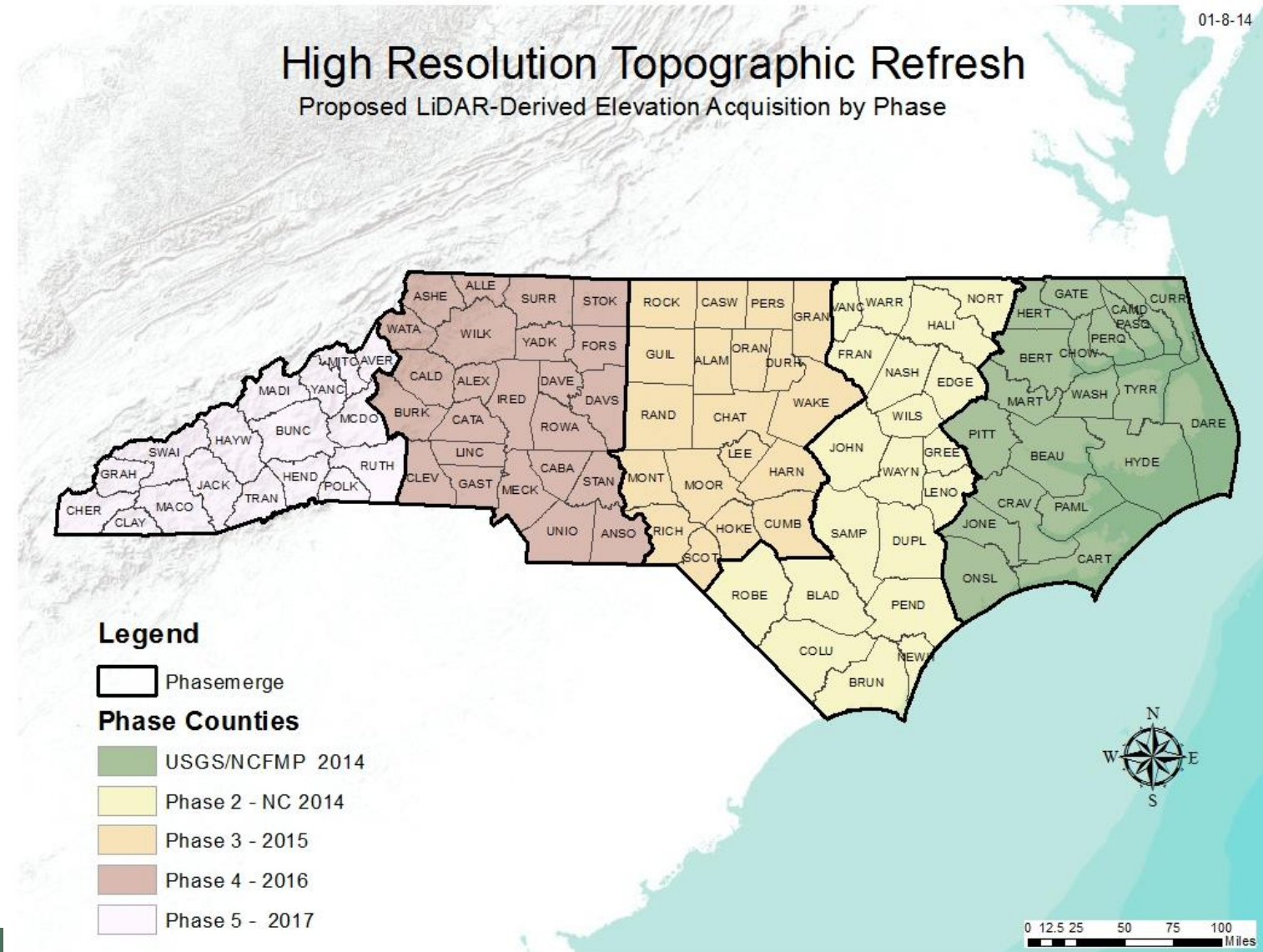


Show search results for 69 Darlington...





- LiDAR Phases 1-3 loaded in Spatial Data Download
- Digital elevation models now available
- Phases 4 and 5 in progress



Metadata

Problem: Implementation of the new state metadata standard in state and local governments need to be widespread

Context: State and Local Government Geospatial Metadata Profile based on ISO 19115-x was adopted (2014) and training began (2106). NC OneMap requires valid metadata.

Who: CGIA, Statewide Mapping Advisory Committee, ad hoc Metadata Committee, NC DOT, NC Central University

Approach: Continue in person hands-on training, develop online training modules, promote at professional conferences, follow up with data managers.



GIS and PLS

- Geospatial data development – define use cases where professional licensed surveyor is required
- Collaborate with NCBEES and surveyors to clarify GIS practice and surveying practice
- Council has responsibilities regarding GIS, public and private
 - Policies, strategies, standards and practices, data access
 - No enforcement authority
 - No state-specific GIS professional certification



Unmanned Aircraft Systems

- New technology, opportunities and risks
- Council – hear from people with responsibility and expertise
- NC GIS Conference – sessions on technology and regulation/state permitting
- Communicate with the GIS community



Other Recent Council Concerns and Actions

- Working Group for 2022 Reference Frame in progress
- *AddressNC* update in progress
- Plan to update data content standard for road centerlines
 - Working Group for Roads and Transportation



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Feb. 22-24, 2017 Raleigh, NC

NCGIS 2017

30 rocks gis!

Register Now





Questions?/Comments!

