

**Geographic Information Coordinating Council
NC ONEMAP GOVERNANCE COMMITTEE**

August 17, 2015
2:00 to 3:00 PM
OITS

MINUTES

1. Attending: Chair Stan Duncan, John Farley, Doug Newcomb, David Giordano, Brett Spivey, Jeff Brown, Tim Johnson, and on the phone Kathryn Clifton
2. Minutes of the July 20th meeting were approved as submitted.
3. NC OneMap and Data

A discussion of data and NC OneMap included the following:

- Elevation products need to be refreshed regardless of who generates derived products. The Working Group for Orthophotography Planning has a draft plan in progress. The Chair of the Council expects a completed plan and solutions.
- NOAA has a tool for automated generation of contours in a user defined area in shapefile format. Contours have an audience and are the most challenging derived product to generate with satisfactory cartographic results.
- Other derived products need to be available as services as well.
- The large investment in LiDAR needs to be leveraged by publishing web services. There are missed opportunities and foregone benefits among potential consumers who do not have access to web services for current, high resolution elevation data.
- NCDOT supports the LiDAR program and can obtain copies of elevation data. It is the data consuming community that needs access to current elevation products to get more return on investment.
- Watershed analysis, utility management, measuring home sites, forestry tree analysis, and many other applications need the elevation data and services.
- The key dataset is a Digital Elevation Model for generating multiple products.
- There may be additional data products that would be practical to serve, for example products from classified points related to vegetation or impervious surfaces. Users would benefit from a service.
- Mr. Duncan needs to have a conversation with Ryan Draughn and Gary Thompson about completing the elevation data plan in the next few weeks and next steps. The plan should include the products to be created, timetable for creating them and making them available, and the agency/agencies that will create and disseminate them.
- Orthoimagery will continue to be valuable particularly for nonprofessional users.
- Regarding acquisition cost, the new technology for LiDAR (Geiger Photon Counting) appears to be comparable in cost to the LiDAR technology used for phases 1-3.
- The method to be used for selection of 8 points per meter from the 20 points collected by Geiger Photon Counting is of interest to 3DEP and others.

Topics related to NC OneMap functions and consumers:

- Standards for services make the services more widely applicable. NC OneMap includes services in KML format, for example, that are consumable in Google Earth.
- Valid metadata for NC OneMap datasets is a quality advantage.
- In the consumer's mind, commercial online imagery appears to be recently captured, but it may not be the case.
- NC Emergency Management has created an address locator service (API) based on the AddressNC database 2014 (enter an address and zoom to point). CGIA discovered the service.
- A routing service is not yet planned for NCDOT's statewide roads. If a requirement from Next Generation 911 is not coming soon, NCDOT may collaborate with others on a routing service.

4. Future Meetings

September 21

October 19

November 16

The meeting adjourned at 2:55 PM.