



## DGDC Meeting Minutes November 9, 2017

### Attendance List:

Hillary Austin .....	DSHA
Mike Bailey .....	City of Seaford
Roger Barlow .....	USGS
David Bennett.....	DTI
Mark Biddle .....	DNREC – Watershed
Kim Brinson.....	Bright Fields Inc.
Lori Brown.....	DNREC/NPS
Terrance Burns .....	HCA-SHPO
Tommy Burton.....	Artesian Water
Jennifer Cinelli-Miller .....	DelDOT
Kim Cloud .....	DTI
Daniel Cook.....	DTI
Taryn Davidson .....	Kent County
Jeremy Gibb.....	City of Dover
Alice Guerrant .....	DHCA
Jay Hodny .....	Kent County
George Houck.....	Kent County
Renee Hupp .....	DEMA
David Kelley .....	City of Wilmington
Kym Kelly .....	DTCC
Jimmy Kroon .....	DDA
Mike Krumrine .....	DNREC - Parks
Matthew Laick .....	DSHS
Danielle Lamborn .....	Kent County
Joanne Liao.....	City of Wilmington
Derrick Lightfoot .....	City of Wilmington
Joel Marshall .....	Sussex County
Morgan McGee-Solomon ...	DNREC - SIRS
Megan Nehrbas.....	Sussex County
Stephen Ottinger .....	DE Transit DART
Tim Paul.....	Self
Miriam Pomilio.....	OSPC
Virginia Price .....	City of Wilmington
Bryan Ross .....	DE Air National Guard
Josh Shepherd .....	Kent County
Olena Smith .....	Univ. of DE
Rob Stabs .....	US Census
Eddie Starr .....	Pictometry
Rick Steffers.....	Self
Mike Townshend .....	DTI
Seth VanAken .....	Esri
Art Walker .....	USDA – NRCS
Mike Ward.....	Kent County
George Yocher.....	DPH

### Welcome & Introductions

Miriam Pomilio started the meeting at 9:06 am. She welcomed everyone to the meeting and introductions were made.

### August 10, 2017 Meeting Minutes

Dave Bennett made a motion to approve the August 10, 2017 Meeting Minutes (PDF). Dan Cook seconded the motion and it passed unanimously.

### Geospatial Education Committee

Miriam Pomilio reported the GIS Day Field trip was a big success with over 40 volunteers and 21 Stations for the 5<sup>th</sup> graders to visit including a virtual reality sand box, the use of GIS in farming, Mapping the Cholera Outbreak and a hands-on ArcGIS Online lesson. This event hosted just over 300 students. The response was beyond our capacity so we are taking the event on the road in the spring of 2018. We need volunteers for the road show events so if you're interested, please contact [Nicole Mini](#).

The Delmarva GIS Conference is changing up the K-12 Student GIS contest. There will be a Map Gallery event with either map or online application entries. The Map Gallery will have 3 main entry levels: K-12, College, and Professional. The topic for the maps and applications is open and there will be a prize for the Best in Show in each of the entry levels. The K-12 entries will be further classified by grade level with prizes for each grade level.

The GeoEducation subcommittee hosted Connect ED Workshops for teachers over the summer. These workshops were a result of a grant from Esri to foster the use of ArcGIS Online in the K-12 classroom. The workshops were well attended and the committee is planning additional sessions with teachers in the spring of 2018.

Delaware is always looking for GeoMentors as we need assistance in classrooms and at events such as GIS Day. If you're interested please email [Nicole Minni](#).

## Delmarva GIS Conference Update

The Conference will be held on April 26 – 27, 2018. Pre-conference workshops will be held on April 26 with the full conference day on April 27<sup>th</sup>. A call for presentation has gone out and there will be full 20 minute presentations as well as lightning round talks this year. The committee is still looking for Workshop presenters. Current Sponsors and Exhibitors are KCS (premiere sponsor/exhibitor), Eagle View, Delaware Technical Community College and Century Engineering. Standard registration should open in January 2018.

## Aerial Imagery Update

Miriam Pomilio reported that Surdex has delivered the final product. The product was delivered with a datum correction on the projection to the Delaware State Plane, NAD83. Since it doesn't match all our previous projections the committee is deciding on whether to request Surdex to provide the data in the standard projection we already use or to keep this product with the updated correction to the datum. A discussion at this DGDC meeting yielded the decision to request the data be re-delivered in the Standard projection which we already use.

Roger Barlow of USGS indicated that the earth is moving and we should start a discussion about moving to the updated datum corrections for our data. DGDC should create a sub-committee to have a long range discussion about updating to the new projections. This spurred the idea of having a workshop at the upcoming Delmarva GIS conference regarding datum and projection updates.

## Technical Advisory Committee Update

Mike Townshend indicated the Technical Advisory Committee met last Thursday (November 2). He reported that the GeoEvent Extension is currently running. It is using two feeds from the TMC and pushing those to Production for consumption.

Municipal data is available to put on the public side but it is lacking Metadata. Nicole will be looking into getting support for Metadata. Miriam is going to work on a best practices paper for the Municipalities to help with their metadata.

FirstMap is participating in Esri's Community base map program. At this point the following datasets are being used in the Esri Vector Base maps: communities, public protected lands and Municipalities. These datasets do not currently show up in the cached base maps by Esri.

Insights will be coming to AGOL possibly first Quarter of 2018.

Mike reported on a known issue regarding https and http services due to the latest update in Chrome. If you are using mixed mode resources (both https and http) on web page that user is viewing, there will be errors and data will not be displayed. The FirstMap environment supports both http and https at this time. The FirstMap team is working to register all AGOL services as https.

## FirstMap Update

Kim Cloud reported that the FirstMap team is working on FirstMap 2.0. Which will include Insights, Portal, GeoEvent, etc. Since this will take a lot of planning and resources, FirstMap is requesting a Project Manager from DTI to help manage this project. Kim also reported that the FirstMap team has request support from ESRI for architecture design. Because of all the moving parts, only going to up-date to 10.5.1 by February 2018

All versions of the Base Maps have been updated to reflect updated communities and municipalities. The goal is to update the Geocoder, Parcels, and Communities monthly, with the Base Maps being updated every three months.

As always if you experience issues, please contact the team at [FirstMap@state.de.us](mailto:FirstMap@state.de.us).

## Presentation – US Census, Local Update of Census Addresses (LUCA)

Rob Stabs from the Philadelphia regional office of the US Census provided an overview of the LUCA process. It is an important process in light of the upcoming 2020 Census. This is the last time to provide input for the Local Update of Census Addresses (LUCA). The OSPC will help coordinate with the jurisdictions to ensure participation in the LUCA process. There will be additional training for those who register to participate. The review period will be 120 days from when the data is sent to the participating agencies. There are set procedures to update this information.

## Presentation – Training Options

There are many training options available to users of GIS software. This presentation was multi-faceted with a variety of presenters and resources.

Olena Smith from UD showed how to access the online training for ArcGIS products – <https://www.esri.com/training> from here you can search for free training which will include tutorials and short courses.

Also the University of Delaware, Geography department offers a Certificate Program. This is a Grad level certificate, with a few under graduate courses. This program is similar to the University of Pennsylvania's GIS program. You have to be accepted to certificate program.

Kim Cloud offered information regarding access to ESRI training through ELA. This is available for State Employees covered by our Enterprise License Agreement (ELA). In order to take an online class you must have a MyESRI account or AGOL Account. Contact Kim for additional information.

Debbie Sullivan provided an update on upcoming FirstMap training options that will be available through the State of Delaware Learning Center. While the training will be free to all state employees, DTI has purchased passes to make this training free to outside folks – either municipalities or county employees or other citizens interested in learning to use FirstMap. These training classes will be available in 2018

Kym Kelly from Delaware Technical Community College provided information regarding two different programs offered at DTCC. The Stanton campus now offers an Associate's degree in GIS. This program is a 2 year program for students to become proficient in GIS Technology. The second option from DTCC is a Certificate Program offered at the Owens Campus in Georgetown. This program provides several courses to be completed to earn the Certificate. Contact Kym Kelly for additional information regarding these programs.

## Federal Update

**USGS** – Roger Barlow reported that South Jersey will be acquiring LiDAR for Salem/Cumberland/Cape May counties.

USGS will offer LiDAR Delivery through the Cloud which will speed up delivery of the products.

US Army Corps of Engineers (USACOE) flew imagery this past summer from Cape Henlopen to the Maryland Border for coastal zone mapping and topo metric bathymetry up to 500 meters landward and 1 kilometer off shore. This data will be flown to NOAA standards and be available on Digital Coast. There are NO derivative products from this imagery.

**NRCS** – Art Walker indicated that the new Administration has combined the FSA and NRCS into a single agency. Focusing on conservation Mission Areas. Art has new responsibilities and will be also overseeing historic sites and will be using SHPO's CHRIS system as a resource.

## Open Comment Period

Olena – GIS Day at UD on Thursday, November, 2017. Open to the public

Mark Biddle – funding to do new state-wide wetlands mapping project using the new Aerial photos. Also, the Watershed Resource Registry should be ready for a February DGDC meeting presentation. His group is also working on a project which assists with DOT and the permitting process. Mark wanted to announce the Delaware Wetland Conference is being held January 31 – February 1, 2018 in Wilmington. This conference will focus on wetlands, coastal planning, etc.

Seth Van Aken – ESRI Public Sector Conference in Philly December 5-7. This conference replaces the Mid-Atlantic GIS Conference from previous years. Also, the Federal GIS User Conference in Washington DC is coming up March 20-21, 2018. This is a local UC Conference. Mike Townshend added there will be a one day developer summit following the Fed US on March 22.

Rene Hupp – DEMA is coordinating the Ingestion Risk exercises with Counties and will continue to improve coordination on this exercise as well as the Radiological exercises. FEMA Region 3 has a RISK RACK advisory council that meets every six months that she will be participating in, which includes all states GIS and emergency management folks.

Roger Barlow offered information regarding the Silver Jackets list for Delaware which deals with Flood mitigation activities for the State.

Jimmy Kroon has been working on a tri-state (DE/MD/NJ) Grant Proposal to look at deforestation effects from salt intrusion using the NAIP and LiDAR. Mark Biddle offered that he has some ground field data that could be used.

### Next Meeting

The DGDC Quarterly meetings for 2018 have been set. They will all be at the Kent County Administrative Complex, Room 220 and start at 9:00 am.

February 8, 2018  
May 10, 2018  
August 9, 2018  
November 8, 2018

### Adjournment

Dave Bennett made a motion to adjourn the meeting and it was seconded by Roger Barlow. The meeting was adjourned at 11:17 am.