

NYS GIS State Agency Advisory Group
Meeting Agenda
at NYS Thruway Authority, Building 10
January 10, 2017

Welcome/Roundtable Discussion of Use of the Cloud for GIS. Eric started the meeting, and the group went around the room, introducing themselves, and discussing if they use various types of cloud services for GIS work, and if so, how:

- **Eric Herman – NYSTA:** NYSTA has started encouraging use of Microsoft OneDrive for file storage, though no GIS data is stored that way; GIS group uses ArcGIS Online to host some data, and ingests numerous web GIS services from various sources
- **Jeff Langella – GPO:** OneDrive is used to transfer files to other with an ITS email account; The office has looked at Amazon cloud services for ortho distribution (but isn't using this)
- **Gwen LaSelva – DOH:** No specific cloud uses in Environmental Health office
- **John Wingfield – NYPA:** Use cloud services to power mobile applications – lots of critical information is in the ArcGIS Online cloud space; Goal is to move enterprise platform (currently on Citrix) to cloud, though security issues are slowing this down; Cloud performance has shown to be very good
- **Mark Giddings – DOH:** Nutrition is not currently hosting data in cloud, but uses cloud data
- **Jerry Farrell – OPWDD:** Little use of cloud other than a bit of ArcGIS Online
- **Melissa Albino-Hegaman – DEC:** Environmental Resources group is not yet using Cloud
- **Katherine Barnes – DEC:** Fish & Wildlife does not have a lot of cloud use
- **Alex Kuttesch – DOS:** The DOS Geographic Information Gateway is hosted on Amazon's Cloud Server and ingests data from a large variety of portals hosted on many different servers
- **Rebeca Newell – DOS:** Stone Environmental's contract includes much of the hosting concerns
- **Peter Lauridsen – DOS:** ArcGIS Online map hosts Brownfield Opportunity Areas (BOA)
- **Dan O'Brien – OEM:** Nothing specific in Cloud
- **Dennis Wischman – DEC:** Fisheries is using some basemaps from online sources
- **Tim Daly – ITS:** The Citizen Services Cluster supports many agencies that use ArcGIS Online; In particular, the APA and OPRHP both have public portals (supported through their Enterprise agreement with Esri); DEC is doing field data collection using Survey 123 and ArcGIS Collector applications – planning to ramp up more soon; Currently have hundreds of users, and cloud issues include determining who has authority to determine what gets posted publically
- **Maurico Roma – AG:** No cloud use at the AG
- **Mary Susan Knauss – NYSDOT:** DOT makes use of a lot of web-based services; Have a new ITIR for field data collection, which would create a GPS's inventory; Also noted recent map data from Traffic & Safety office, and a contract to get a service running for bikes & trails
- **Elisabeth DeGironimo – MVWA:** The MVWA uses hosted layers provided by state
- **Anyée Willows – NYSTA:** See notes from Eric

- **Doug Heim – OTDA:** OTDA is not using cloud services right now
- **Nick Mezzadonna – OTDA:** See notes from Doug
- **Samantha O’Neil – GPO:** Currently looking into ArcGIS Online services
- **Beth Nolan – GPO:** Just using basemaps right now
- **Scott Geis – GPO:** The ShareGIS Team is looking at various options for cloud
- **Frank Winters – GPO:** *(Arrived after this discussion)*

The attendees also noted that most agencies keep their own data and post copies of it to the cloud, rather than have the original data stored remotely. There was also discussion about whether there is a need to coordinate ArcGIS Online accounts.

NYS Orthoimagery & Elevation Programs. Jeff Langella reviewed the current status of these GPO programs. Orthoimagery collected in 2016 covers all of the southern NY. Most of it is at 6” resolution (with contributions by NYCDEP, for the NYC watershed). The Southern Tier areas were covered at 12” resolution. In 2017, the northeastern part of the state and Erie & Niagara Counties are in the plans. Details can be found at:

<http://gis.ny.gov/gateway/orthoprogram/index.cfm>.

The elevation coordination efforts, which started in 2009, have also been progressing. Jeff gave a presentation showing the current status of the program, as well as LiDAR collections currently underway to collect at Quality Level 2 (1 meter DEMs). He showed images of the existing LiDAR coverage areas, and areas that are currently in progress (central NY, Southern Tier, and St. Lawrence & NW Franklin Counties). Details can be found at

<http://gis.ny.gov/elevation/lidar-coverage.htm>.

USNG Coordinate System and Asset IDs. Elisabetta DeGironimo gave a presentation about how the Mohawk Valley Water Authority is using the US National Grid (USNG) to create unique asset identifiers for the MVWA’s field assets. The system allows for creation of a unique identifier that has built-in intelligence to identify the physical location of the asset. Using the system, anyone can use a free smart phone app to easily navigate to a facility location. Lis provided a shortened version of the presentation that she’s provided at two conferences, and would be happy to discuss specifics in more detail with anyone interested. Susan mentioned that DOT is very interested in using this approach for some of their own assets.

NYS Geographic Information Officer Position. Frank Winters has been named the new New York State Geographic Information Officer (GIO), filling the vacancy that Bill Johnson left when he retired this past March. Frank noted that the position has been moved into the Public Safety Cluster, which enables him to work directly with the GIS Program Office.

ShareGIS Update. Frank provided an overview of the ShareGIS project. Phase 1 is currently being wrapped up. This allows for a more resilient version of existing address geocoders and supports the NY Responds initiative. It focuses on servers that were tested for load, capacity, resilience and duration. Dan O’Brien will begin to author services in this environment, as they are needed for emergencies. Phase 2 covers the further development of the platform, and the firm AppGeo is finishing a conceptual design paper for this phase. Services will be provided

for ITS-supported agencies first, and the catalog of services will provide the new “guts” of the Clearinghouse. This phase has a 4-year time horizon.

State Tax Parcel Status. Frank then provided a quick update about the GPO’s parcel mapping coordination program. Data for all but three counties are available to state agencies. There is also a new parcel centroid file available, which was generated from the parcel boundaries. The office is getting closer to having a web service that state agencies can access with agency-specific accounts. Current information about the program can be found online at: <http://gis.ny.gov/parcels/>.

State GIS Strategic Plan. The meeting wrapped up with an overview from Frank of the GIS Strategic Plan that he’s been working on. This 3-5-year plan is being developed with input from a wide-variety groups from across the state. It focuses on building a core vision, mission, and goals, especially with a clear “appetite” for GIS services at high levels in the state.

The meeting adjourned at 12:00 p.m.

The next meeting is tentatively scheduled for April 25, 2017 from 9:30am-12:00pm at the NY State Thruway Authority Offices. If you have any ideas for topics or would like to provide a demonstration at this meeting, please let us know. Any questions or concerns about any of these issues can be sent to the Advisory Group Chair, Eric Herman at the NYS Thruway Authority (518) 471-5890, or eric.herman@thruway.ny.gov.