

NYS GIS State Agency Advisory Group

Meeting Agenda

at NYS Thruway Authority, Building 10 & Webex

September 17, 2024

Intro/Roundtable Discussion about current projects

Christina Croll - OPRHP - Data maintenance - trails, parks app

Daniel Fleischman - OPRHP DESP - Reduced Mowing, will be demonstrating later in the meeting.

Anyea Fields - NYTA - internal websites are up to date for engineering and maintenance; maintenance snowplow locations, creating buffers for snowplow routes; work needs to be completed by October.

Jordan Garrison - NYTA - GIS development and coding; updating web maps with ArcGIS maps SDK for java script, changing design of web maps, adding functionality, updating tools, using calcite components - way to style web maps

Jeff Herter - DOS - building out dashboards for each of the programs, acquired hub premium, doing pilot initiative with a project in office; Gateway to be discussed later

John Marino - NYNHP, iMap - scripting between AGOL and iMap to move data more quickly

Katherine Barnes - DEC - ArcMap and ArcGIS Pro - working on completing federal report, combining multiple datasets

Mike O'Neil - DOT ITS - winter ops app - pull in geotag feed for plows, pulls in a lot of 511 layers, needs to be done by October

Hillary Land - ORES - data management, internal dashboard for staff to use to view projects without using ArcGIS Pro, to simplify processes for project managers

Lis DeGironimo - ITS GIO - will discuss later, Esri enterprise agreement; dashboard during Crowd Strike event - need to deploy staff to fix 22,000 computers, geocoded records to show where computers are by agency to do update, showed updates by day

Gwen LaSelva - DOH - enviro health - public health tracking maps, new maps to show sub county health and indicators

Rebecca Newell - DOS - hub premium is their new initiative for the gateway

Matt Shepherd - OPRHP - HP - maps that accompany NR nominations; model to generate updates to qualifying census layer to automate the workflow

Catherine Lawson - SUNY Albany - AVAIL - funding from FEMA to do data fusion project to support; DOT to do modeling for risk and resiliency, USFS - heat island funding, heat island risk, remote sensing

Tim Daly - ITS DEC - environmental bond act website - DEC initiative - manage and disperse funds for bond act; hub site, maps and apps; completed phase 1, kicking off phase 2

Michael Saliani - OGS - design and construction - dashboard app reference tool for larger facilities for history of projects on certain facilities

Stephanie Rockwell - Canals - migrated into enterprise, moving departments along canal to adapt field maps - move from paper forms to digital format, has been a hard sell in some places; doing a lot of outreach on what can be provided now that people weren't able to access before

David Rebecca - OSC - GIS group within audit/innovation

Beth Nolan - ITS - Geospatial enterprise services, GIS modernization project, project manager

Travis M - OPRHP DHP - working with Matt Shepherd

Molly Jordan - APA - summer interns, one was GIS based; worked on data management, organizing public and internal data sources; community housing initiative, density bonus for parcels that qualify, doing analysis and put into web app that could be delivered to stakeholders

10:00 a.m. Discussion Topic -

How are agencies handling the transition from server and desktop based to cloud and online based with regard to data storage, organization, migration. Managing duplicative datasets without enterprise - reduce steps and increase efficiency; default pushing things to OneDrive, can be issues in ArcPro

ORES - switching to all AGOL data for universal data, a lot of people don't like to switch to that, put together documentation on how to use it, using tags to help locate; end of every year - have data review, look for data no longer being used; step by step documentation and naming conventions

NYTA - pull data and push data - using python, ESRI has a python library - ArcGIS API for python - use a geodatabase hosted on windows server, pull data to GDB, do analysis and then push back up to AGOL, can use in conjunction with arcpy

DEC -iMap - spends a lot of time doing data management; create a folder on c drive, gis local - for internal projects do work there, put on shared drive or sharepoint once it's completed; digital spring cleaning to clean up data

APA - intern project - looked at data in AGOL, inventory of what is there, add tags and categories, helped sort through what is in AGOL and how to manage it

Topics from ITS Geospatial Services (ITSGeo)

Chief Data Office - new CDO has been hired

Additional teams transferred into CDO from data group and shared platform services; ITS is restructuring to have dedicated teams for larger agencies; ITSGeo will remain shared platform support

ESRI EA - will have agency guidance this week, some issues with SKU's for products, working through implementation; 6 new user types were announced by ESRI, only 3 in EA/on state contract; finalizing price list, few remaining SKU's

Concurrent use licenses unsupported after Q1 2026, flexLM will be unsupported; working on contract amendment that will give access to new user types, working through concurrent use model with named user restrictions

Each agency has a designated client services contact within Geospatial Services to assist with what they have access to

Hiring - added 2 new staff

GeoHub - GIS modernization project; largest project, managed by Beth Nolan; migrating ShareGIS and supersizing it, a lot of work going on Hub, internal and external work; multiyear project

Dashboards - CrowdStrike - short term tool; data maturity dashboard, non-GIS but agency data analysis; OGS/SFS - developed an app to attach a lat/long to state owned buildings; LATS roster - have it mapped

by building/floor, state owned and leased buildings - dashboard that will be developed further to visualize employees

Enterprise Address validation – exploring offering a new service for postal validation, ~17 different products currently in-use

ESRI indoors pilot project with OGS/ITS/OTDA - building floor plans, visualized by floor and employee; locating all assets in ITSM; connected to AD for onboarding and offboarding; for hoteling pilots - reserving workspaces

Geospatial Service Requests - Governance - AGOL - developing best practices, guidance around all of it - Lis would like to see what agencies have developed - file naming conventions, management, etc; working with other states to gather as well

GIS day - Nov 20, 2024

Showcase - 1 hour webinar, and in person downtown; collect awesome GIS topics, NYS Geospatial TED Talk, trying to get agency execs there; call to provide projects to Lis; working with ITS communications to cast a wide event

DOP - 2024 Orthoimagery; 2025 planned 4-year-old imagery to be replaced; elevation status updates - Lis will provide slides for notes

Civil Boundaries - new layer by SWIS code, will be mutually exclusive, will be cut with no overlap

Working with ESRI on modernizing Geocoder; NYC data - exploring adding into composite geocoder, looking into this; looking to expand beyond NYS for agencies that need access outside of NYS without consuming credits

State Agency Demonstration

DOS Kids MapVenture <https://gateway-kids-nysdos.hub.arcgis.com/>

Jeff Herter demonstrated the new section of the DOS Geographic Information Gateway - this was designed for kids - grades 3 To 6

Work started about 1.5 years ago, with a focus group to guide development and content

There are 3 sections to the site so kids can learn more about their community, New York State or water. There are activities on each page that direct the kids to explore. The New York State section is aligned to the education standards for 4th grade, where students spend time studying NYS.

Tutorials on how to use a map as a series of story maps - how to use the interface as well as maps

Tested with kids, parents and educators

State Agency Demonstration

OPRHP Reduced Mowing - Survey123, Dashboards

Daniel Fleischman from OPRHP demonstrated the work flow developed to delineate and monitor mowed areas within state parks

OPRHP has a policy to reduced mowed areas where possible to encourage habitat, save on costs associated with mowing

The program includes a Map Editor ArcGIS Experience, in which staff can edit the areas that they mow or have reduced mowing; a dashboard where the program can be monitored and a survey123 form in which staff can update the status of their mowing program in their park annually.

Open Forum/Announcements

Any future conferences, meeting announcements

Geospatial Summit - 9/24/24

NEARC - Burlington, VT 10/27-30/24