

NYS GIS State Agency Advisory Group

Meeting Agenda

at NYS Thruway Authority, Building 10 & WebEx

January 14, 2025

<https://meetny-gov.webex.com/meetny-gov/j.php?MTID=m6afb36a3fc7fb187e4e0b67ea9d8cdab>

9:30 a.m. Intro/Roundtable Discussion about data

What data do you maintain or are the primary custodian of? If you do not develop or maintain data, what is your most frequently used dataset?

Christina Croll – State Parks; Park boundary, trails; Empire State Trail

Lis - ITS GIO - team foundational data layers maintained by team; maintain and enhance other data layers, add value - work locations; recently published election districts for BOE just prior to elections

Rebecca Newell - DOS - Gateway

Jordan Garrison - Thruway - culverts, favorite datasets maintained by field maps - wildflowers along thruway

Hilary Land - ORES - project locations, going through application process, permitted or operational

Brent Kinal - ORES - impacts on ag lands, looking at soils data, USDA crop land data layers to determine ag impacts of projects, solar farms

John Marino - NYNHP - invasives species - IS data presence, treatment monitoring,

Henry Kovacs - ITS GS DOT - data stewards - data from DOT

Tim Daly - ITS GS Client Services - manage, transform and publish a lot of data, doesn't have a favorite; DEC wetlands - released new regulations, new/repurposed data, no longer mapped regulatory wetlands, previously mapped, informational wetlands - developed by IRIS at Cornell, remote sensing layer for entire state, dense data

Michael Saliani - OGS design and construction - mapping projects and employees, relationship between projects and designers

Hewi Palmiotti - works with Henry - service DOT

Dean Caskey - ITS GS ortho imagery - processing/finalizing imagery flown in 2024, extensive review of counties; vendor provides corrections; updating webservices for 2024 orthos and latest; update tonight - Capital District counties will be viewable tonight

Bobby Sayers - DEC Marine Resources LI - marine fisheries, shellfish mapper public facing

Melissa Albino Haggeman - DEC Marine Resources LI - artificial reef dataset, photos of reef drop; plan recreational fishing trips

Anyee Fields - Thruway Auth – similar to Jordan Garrison

Gwen Laselva - DOH - birth defects dataset, under aged 2; where and any spatial patterns

Brooke Stanley - AGM Plant Industry - Horticulture inspector - GIS and data analysis; hemp licensing program, where hemp is planted, virus for grapes and apples

Chris Plummer - ORES - impacts to Rare Threatened Endangered Species, NY NHP data

Michael Formichelli - AGM - maintain SLF survey apps, drone/UAS program S123 program, loaned to other departments, EM state fair,

Molly Jordan - APA - layers pertaining to Adirondack Park; land classification map, blue line boundary, river system, wetlands, internal project layers

Ryan Mayr - Canal Corps - hosted inside esri, centers around canal and infrastructure

Stephanie Rockwell - Canal Corps - lands and permitted features

Not introduced - Catherine Lawson, Jeff Herter, Mary Haley (Stone Environmental), Sanjaya Kumar, D P Wu

10:05 a.m. Discussion topic

Data availability and reliability - change in federal administration; any concerns on data availability; what are agencies doing to download/obtain the data if anything; what are the concerns; what should ITS be doing; what are the opportunities?; ubiquity of using web services - what are the concerns of state agencies for fully relying on web services; who should store the data, how should the data be stored?

A general discussion was had about the federal datasets. Most people had not thought about them not being available any longer. Some are not relying on them anymore. Esri may have many of them in the living atlas. DOS staff was asked to download all federal datasets in the geographic information gateway in December. ITS has seen federal datasets degrade in quality. Concerns that the data won't be updated either.

National spatial data structure - just published strategic plan, where will that be with new administration; NGAC national geospatial Al Leidner has recently been appointed to council

10:20 a.m. State Agency Demonstration

DOS/Stone Environmental - Rebecca Newell; Power Automate flow that checks to see if rest end point is valid

Mary Haley - GIS Specialist for Stone Environmental - Geospatial data and solutions section;
mhaley@stone-env.com

Geographic Information Gateway (GIG) has many web services, how do you identify problems with web service you are consuming and have no control over fixing?

Over 700 datasets for public consumption

ArcGIS Python API; ArcGIS Notebooks - script was developed as a notebook, run python script within AGOL

Access items, ID service URLs

Creates a tracking table record - hosted table

Power Automate - ArcGIS Connectors (Premium)

Get data from feature layer; query attachments; update record in a feature layer

Connections to ArcGIS in power automate can be unpredictable; should still have eyes on system, cannot completely ignore

Include slides and story map link

Disconnects with PA every 14 days to AGOL, script that runs every 11 days to query layer to keep alive, even with service account

Can manually trigger as well, if they are concerned that something might be broken/immediate report

Running all in AGOL, not Pro

Triggers to start notebooks, but need enterprise

Can also work in Portal, you have access to AGOL structure, need an enterprise notebook server

Daily run - may create overhead for admin that has to run/deal with emails/notifications

Flags - every month - does generally flag something, some federal services flag, some NOAA datasets that have transitioned from old servers to new ones

Use geojobe admin tools to track/catalog data sets in AGOL

10:40 a.m. Break/Networking

10:50 a.m. Topics from the Geospatial Services

ESRI/EA updates –

March 2026, arc map retired, concurrent use licensing ending

Final stages of amendment to EA - access to all 6 user types in ESRI agreement; NSGIC - working with and pushing ESRI to manage users; concurrent use licensing is a concern - fractional use users; GIO of Indiana - articulated added cost to states, burden of admin and management, outside of pricing considerations; users that only need access for 1 day per month, won't be an issue, not a money grab, talking with federal agencies as well; looking for path forward

Training - have access to training, GS looking to develop training for transition

Developing tools with log files - working with ESRI staff

Smaller states didn't have the option to renew concurrent use licenses for 2025

Addressing Agency GIS needs - ID needs, standard licensing requests (ITSM), specialized software (meeting with ITS Geo)

Adjusting agency contribution year over year, not every 3 years

Updated software desktop software request list; next generation in ITSM - separate GIS software request; only for agencies on enterprise agreement, will be clear in ITSM

GIS Team meeting in December - GIS State Agency Council - representational of state agencies; purpose to communicate with state agency GIS leads

CDO - co-located; Deputy Commissioner for Technology in each agency; dedicated agency teams; ITS Geo/CDO still considered shared services; Geo being moved within building 5 to ground floor; additional teams - data governance (analytics within agencies), AI governance, open data - will be in former 1st floor workspace

CDO catalog - coming March 2025; CIO direction products and services to agencies; Geo has 8-9 items in catalog - services, GIS consultation, API development, new products - NY Workplaces (dashboard developed from CrowdStrike event July 2024; mapped employee locations based on LATS location, space planners - buildings and tenant agencies; beta testers Public Safety - issued licenses today to test, agencies will have option to put their data in there), NY Spaces (indoor - cubicle locations, indoors part of EA, exploring use), NYS Map (architecture modernization, enterprise wide apps in GIS, base level GIS - will be charge per user but lower than ESRI user charge, looking at log in information; deliver parcel data to state agency staff at lower cost; CIRIS - needs to be updated, used by many agencies outside of critical infrastructure, also non-CIRIS CIRIS)

Statewide zoning dataset – Brent asked if there will there ever be one; 2 efforts, 2 years ago SOTS proposal, hopefully one day

GeoHub - modernized enterprise platform; FME and GeoJobe; automate publishing of web services

2025 work plan - developing; training and outreach plans; will work with GIS team for training within agencies

NYSAPLS Conference - Sean O'Connell and Lis will attend for clearinghouse demo; land records roundtable

Hiring - small steps; new hire - cartographer, beautiful story maps, will be offering story map services to agencies

Data Services update -

Orthos - 2024 status - get slide; all upstate counties, received, have been reviewed or in review; capital district pushed tonight; Chautauqua Lake - flown 6", rest flow 12"

2025 planned flights - Hudson valley; southern tier to Chemung co

Elevation - 2025 NYC DEP scheduled flight; LI 2024

Parcels - latest parcel data received from most counties; NSGIC innovator award Kate, national parcel expert; past 50% with publicly available data

Streets and addresses - 130 million hits in 2024; new geolocators being tested, sub addresses to building level; new URL

11:30 a.m. State Agency Demonstration -

[Office for Renewable Energy Siting \(ORES\)](#) - Brent Kinal and Hillary Land

2019 - Climate Leadership and community protection act (CLCPA); 2030 70% of electricity from renewables; zero emissions by 2040

2020 - accelerated renewable energy growth and community benefit act - article 10 of public service law - previous projects; ORES started to streamline/consolidate renewable energy licensing

2024 - moved ORES from DOS to DPS - RAPID Act; added electrical transmission siting - logical but least impactful way of routing transmission lines

Started with 3 staff, now 37 ORES staff, merging with another 25 DPS staff

Project review - large scale project 25 megawatts or greater; 60 days from receipt to approve

Web applications

Project Analysis Mapping System (PAMS) - internal use, working with contractor; analysis and decision making, for the non-GIS/Pro user - replacement for Pro for project managers; can work independently to view projects and do analysis; projects by congressional districts; summaries within - acreage within county

[Renewable Energy Permit Application Status](#) - public facing, basic project information; mostly just location information; filters by project type

[LENS](#) - remote sensing data for users; conservation uses; portfolio - upload boundary shapefile or draw your own

Future - developing site screening applications, similar to DEC's ERM/EAF mapper, rare/threatened/endangers species, wetlands, agriculture - let them know if they will intersect with these, not specifics of the data

Internal dashboards

11:50 a.m. Open Forum/Announcements

Future conferences, meeting announcements

NYS Geo Con - October 8 – 10th Lake Placid, NY

Fall NEARC – October 26, 29, 2025 North Falmouth, MA

12:00 p.m. Adjourn