

NY State Geospatial Advisory Council
Minutes for March 13, 2024 Meeting
NYS Thruway Authority, Building 10

***Mission:** Advise the State on effective use of geospatial technology resulting in tangible benefits to NYS.*

The **NYS Geospatial Advisory Council** (formerly called the GIS Coordinating Body), operating under the auspices of the NYS ITS Geospatial Services, coordinates, promotes and facilitates the development, effective use, and sharing of geographic information. It also removes barriers to implementing geographic information technology to improve the delivery of public services, protect the public and the environment, and enhance the business climate for the benefit of the State, its municipalities, businesses, and citizens.

Attending: Santina Benincasa, Sylvie Browne, Christina Croll, Elisabetta DeGironimo, Keith Ducett, Katie Duncan, Emily Fogarty, Dave Genaway, Christopher Holewinski, Susan Knauss, Rebecca Newell, Zachary Simek, Larry Spraker, Karen Tareen, Erin Tylutki, Alexander Wolf

Guests: Craig Fargione, Nicole Lanza, Tim Ruhren

Absent: Jochen Albrecht, Ana Hiraldo Gomez,

10:00 Welcome / Agenda Review / Approval of Minutes (Browne)

- Sylvie motioned for minutes, Christina seconded, unanimously approved.

10:10 Introductions/Discussion

• Who you are, where you come from, what sector do you represent? What sort of GIS work are you engaged in?

- *Favorite place – recently discovered/would love to revisit/what qualities?*

Sylvie Browne – DOT work/Rogers Rock to go camping/Tupper Lake to see the eclipse

Zach Simek – Nature Conservancy/Likes going to Speculator

Suzie Knauss – her backyard

Alex Wolf – Scenic Hudson/Kingston Bridge beautiful view

Christina Croll – PARKS/National Parks Grand Teton

Erin Tuluki -- Desktop GIS/St. John US Virgin Islands

Tim Ruhren – Deputy GIO/backyard in the Spring

Lis DeGironimo – NYS GIO

Rebecca Newell - backyard

Karen Tareen – private sector/anywhere new

Chris Holeinski – local government/Oxford Lake for hunting trip

Emily Fogarty – Farmingdale college

Katie Duncan – federal/Catalina Island off coast of California

Keith Ducett – Manage polygons for fire response/parks and waterfalls and Erie Canal

Larry Spraker – VHB Private Sector/Vegas at a poker table

10:30 Nominating Committee (Croll)

- New members (NYC, local gov't)

- Joanna nominee for local government – motion made, seconded, impressed with her enthusiasm, unanimously approved
- Working on NYC nominee – should have by next meeting
- Need additional local government – uses more open source tools
- Chris Wong – academia or private sector
- GAC chair and co-chair
 - Sylvie, Keith, Katie, Chris, Erin, Larry are eligible
 - Sylvie for GAC Chair
 - Chris for Co-Chair
 - Move to close nominations, seconded, unanimously approved

11:05 Standing Reports

- NYSGISA report (Knauss)
 - Dawn current president – next year
 - Geocon & NYSAPLS
 - Had a booth with surveyors
 - Had a round table that included them but focused on how to interact with the state
 - FOIL – as a business method of sharing data it has a lot of faults
 - Reaching out to understand where can work together to improve the flow of data in a real time is where were trying to get attention
 - New technologies to embrace
 - Learn more about AI
 - Need within the association a way to investigate what’s going to happen in the future- need something that’s actually going to help the members who are joining now
- Federal report (Duncan)

USGS National Geospatial Program

- [USGS FY24 3D National Topography Model Data Collaboration Announcement \(3DNTM DCA\)](#)
 - September 7, 2024 – The USGS FY24 3DNTM DCA was released requesting separate submissions for 3DEP and 3DHP projects.
 - October 20, 2024 – Initial 3DEP and 3DHP project submissions were due.
 - February 28, 2024 – Long Island, NY (Nassau and Suffolk counties) project submission was recommended for 3DEP funding on February 28, 2024.
- In-progress 3DEP projects in NY
 - NY_Hudson_D22
 - The USGS Earth MRI program has agreed to recollect the entire NY_HudsonRiverRegion_2020_A20 project area during Fall 2022/Spring 2023.
 - Production schedule is running 1-2 months behind since acquisition flights had to extend into Spring 2023.
 - USGS received all Work Units for review on January 11, 2024.
 - NY_2022_Southeast

- Consists of Quality Level (QL) 2 lidar elevation data for 4 counties (Dutchess, Orange, Rockland, and Ulster counties) in the southeast part of the state covering 3,211 square miles.
 - A sensor issue was discovered and has caused delays with this project.
 - NY_LakeOntarioShoreline_A23
 - Consists of QL2 lidar elevation data for all or parts of six counties (Cayuga, Jefferson, Orleans, Oswego, St. Lawrence and Wayne) in NY along the Lake Ontario Shoreline covering about 2,337 square miles.
 - As of January, 2024, the first of three production blocks was received and reviewed.
- State Agency Advisory Group report (Croll)
 - Agency drone use and how its utilized – some use extensively or not at all. Park uses them a lot for crowd control and monitoring. Health and safety bureau is starting to use drones. Public service uses them. Thruway uses them in survey department. Lens to monitor things – aerial imagery compiler.
 - Pro migration plans – ARC Map/Arc Map Pro. Thruway Authority has fully switched over. Uninstalled ArcMap from everywhere. Other agencies have a mixed bag. Lessons plans created within ESRI training for staff to use.
 - APA is transitioning, working on photogrammetry and image analysis.
 - Enterprise agreement is done
 - Utility Event Dashboard

11:33 Break

11:45 Continue Standing Reports

- Geospatial Services Report (DeGironimo)
 - Since December GAC Meeting
 - Deputy GIO named
 - Director of Data and AI Governance named
 - Within ITS we are the only data creators.
 - GIS Clearinghouse – Surveyor bookmark added to Basic Viewer
 - Initiative for 2024
 - GIS architecture modernization – 3-year project beginning April 1st
 - Modernization of CIRIS & Discover GIS Data NY
 - Increased Outreach – GPO used to visit counties more often. Want to reinvigorate that program.
 - GIS Service Catalog for NYS agencies

12:00 Break for Lunch

1:00 GIS Strategic Plan (DeGironimo)

- Data Services Team Leads
 - Orthoimagery – make up-to-date high quality documented aerial imagery available
 - NYS Elevation Status – project for spring is Long Island

- Data Improvement – gather data from the source, prepare it for use, make it available. 48 updates since December meeting. Recurring work with OGS and ITS to improve building location information in business datasets.
- 3/8/24 – first update of the statewide building footprint service and data download. This update focused on using SAM rooftop address points with no footprint. Data was verified with 2022 NYS digital orthoimagery.
- Parcel Map Program – Publicly available counties
- SAM Program Data Maintenance Partners
- Street and Addresses maintenance – weekly edits are currently averaging 7200/week.
- NSGIC GMA Based on 2023 Surveys – B+
- GIS Strategic Plan progress
 - Mission is to deliver geospatial information and capabilities to benefit all of NY.
 - Value Proposition – consumer and partner benefits
 - Still working on strategy
- Census is coming up – strengthening relationship and seeing how we can be of more value

2:00 New Topic (Fargione)

- Geocoding
 - Testing underway using ArcGIS Pro 3.2 locator template
 - Suggest functionality enabled which acts like Google Maps when you start typing, it “suggests” potential addresses within the source data
 - New locator also geocodes to some sub addressing levels(building, floor, unit)
 - ArcGIS Pro template is still missing 3 street name fields which impacts some geocoding
 - Locator currently running in Non-Prod Enterprise environment
 - Our data is limited to the state
 - Up to 90% of 911 calls are wireless now
 - Chris – uses geocoder here and there

2:55 Brainstorm ideas for future meetings

- Possible other locations?

3:12 Meeting adjourns

Future 2024 Meetings

June

September

December