NY State Geospatial Advisory Council
Notes for Sept 18, 2024 Meeting
10 am – 3 pm
NYS Prepared Training Center
5900 Airport Rd, Oriskany, NY 13424

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

The **NYS *G*eospatial 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.

Attendance: Mary Susan Knauss, Erin Tylutki, Karyn Tareen, Roy Garfinkel, Joanna Craigmile, Dave Genaway, Christina Croll, Sylvie Brown, Lis DeGironimo, Katie Duncan, Jochen Albrecht, Rebecca Newell, Emily Fogarty, Chis Holewinski, Ana Hiraldo-Gomez, Alex Wolf, Kieth Ducett, Jeff Barth, Toni Goyer

10:20 SPTC Tour

11:35 Welcome / Agenda Review / Approval of Minutes (Browne)

- Sylvie Browne welcomed everyone and initiated the review of the Agenda and June 2024 minutes
  - Suzie motioned to approve the minutes, Kieth seconds
  - Sylvie all in favor
- Motion to approve agenda
  - all remaining unanimously approved
- Vote to approve, all

11:38 Introductions/Discussion

- Who you are, where you come from, what sector do you represent? What sort of GIS work are you engaged in?
  - Icebreaker – what is your experience with drones?
- New *ex officio* member – NYSAPLS designee Roy Garfinkel - introduction
  - Roy is the NYSAPLS designee
  - Has worked with NYSDOT relations committee to help increase communication with dot and gain more digital access and at the same time the NYSGISA was having a similar discussion. After many round-table discussions with NYS agencies, legislators, and county representatives, the committee morphed from being only DOT to being more agencies and counties.
  - Roy envisions putting all this data on the clearinghouse and GIS and land surveyors working together.

11:47 Nomination Committee (Browne)

- New terms start in January
  - Emily is at the end of her second 3rd year term
  - Ana is at the end of her second 3rd year term
  - Roy is staying on till the end of 2025

- We all have a responsibility to start finding names. Someone at the Summit can announce for GAC volunteers.
- 2 local and 1 academic
- Volunteers for the committee
    - Chair Rebecca, Joanna, Chris, Emily, and Chistina can advise

12:00 Break for Lunch

1:00 Drones in Photogrammetry (Barth)

- Review of NYSDOT UAS Progress
    - UAS planning committee to set policies and procedures to set the standard operating procedures for managing the drone project.
    - Over 150 Missions flown for 2024
    - 12 drones in NYSDOT fleet for various cases
    - Plans for a Tether drone for live stream and traffic monitoring also lidar capable, construction monitoring
    - Drones will be used as a complementary technology
    - Drones are only used for small projects whereas the state-wide orthos are better for large projects. Higher resolution small area
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- About the Drones:
    - Autel Evo II enterprise Bundle – Best camera and best battery life available
    - Remote ID compliant – feds requirement
    - ADS-B is the system used to detect other aircraft
    - Multiple pilots needed – 1 Pilot, 1 Visual Observer, and 1 Support personnel

1:55 Standing Reports

- Geospatial Services Report (DeGironimo)
    - Since the June meeting – new CDO Will Rauch – Lis still reports to Chris O'Connor.
    - Additional Teams have transferred to the CDO
    - Current Initiatives:
        - GIS Architecture
        - Modernization of CIRIS
        - Increasing Outreach to counties
        - GIS Services Catalog
        - Modernize GeoCoder
        - Address Validation
        - GAC SharePoint
- NYSGISA report (Knauss) – The report was emailed to all members
- Federal report (Duncan) – The report was emailed to all members
- State Agency Advisory Group report (Croll) – Report was emailed to all members
- NYSAPLS (Garfinkel) – The report was emailed to all members

2:24 Buildings Information and Landuse Dataset (BILD) (Muro)

- Presentation on DHSES and interagency dataset for building information and land use dataset (BILD)
    - 6.9 million building footprints – created from several different datasets as input
- Building assessment data is connected to the building footprints
- Different analyses are available such as parcel completeness
- Working groups on land use and energy – NYSERDA has specific things they are interested in such as risk scenarios and infrastructure proximity. 2 versions of the app were created to accommodate a public need with less information and a private one for state agencies
- Demonstration of the Data Manager – an open-source platform that can load data in and create custom web maps
- Alex is happy to set up demos for people interested

2:55 Brainstorm ideas for future meetings

3:00 Meeting adjourns

Future 2024 Meetings
December 11

Future 2025 Meetings
March 12
June 18
Sept 10
December 10

Guests
Toni Goyer (ITS) – minutes taker
Jeff Barth (NYSDOT)
Alex Muro (UAlbany Albany Visualization and Informatics Lab (AVAIL))