

NYS GIS State Agency Advisory Group

Meeting Agenda

at NYS Thruway Authority, Building 10 & WebEx

January 23, 2024

9:30 a.m. Intro/Roundtable Discussion –

How does your agency use drones? Do you utilize them in your work?

Christina Croll - Parks - drones by Park Police, starting drone program with Health and Safety, invasives species monitoring

Joe Lasch - ITS GS/DPS - utilities use drones for damage assessment after large storms

Sean O'Keefe – ITS GS, no drone use

Jordan Garrison - TA; Survey dept started to use drones, grant through federal government, Pix4d, Itwin by Bentley; Digital twin on bridges

Lis DeGironimo – ITS GS

Hilary Land - ORES

Brent Kinal – ORES; no drones as of yet; ecological staff and wetlands monitoring; LENS from upstream tech - took 2 years to procure - present at a meeting on it when he is more familiar with the product; applicants use it for well locating geo-something or other

Anyee Fields - TA - Mario Cuomo bridge and exit 10 reconstruction took pictures of the changes

Bobby Sayers DEC - LI - Marine Resources don't use drones

Furrina Lee - DOH

Gwen LaSelva - DOH

Kian Sullivan - ORPS - doesn't currently use drones;

Mason Stine - ORPS; experience with drones in the past, drone licensed

Matthew Shepherd - SHPO

Michael O'Neil - ITS geospatial services, DOT, 1 Drone2Map license for a user in photogrammetry

Molly Jordan - APA - no drone use as of yet

Rob Morton

Tim Daly - ITS GS - nothing with drones themselves, clients do - DEC

10:05 a.m. Pro Migration Plans – what are agencies implementing? Training recommendations, custom training?

Thruway Authority - fully switched over as of August 2023 - multi steps - ArcMap tools had to convert all those tools into C# and Pro SDK, developed training course for everyone (video) - walked through different processes - about 4-5 hours; few months of complaining, pain points; about 6 months, everyone is used to it, data retrieval speed - configuration to firewalls; faster working with large datasets and geoprocessing; force uninstall from all computers; download changes settings on machine; use

concurrent use license, automatically signs people in; basic license, if they need advanced, there is a tool to switch it - Jordan programmed them;

DPS - mostly Pro, some users have ArcMap still

ORES - new agency - everyone has Pro, no ArcMap; created lesson plans in ESRI training and Brent Kinal can monitor

DEC - licensing, approval, work to do, mix

APA - transitioning - switching services and publishing from Pro, converting projects for services; photogrammetry 3D workstations, biggest transition for those work stations - image analyst potentially replace software

Parks – currently allocating licenses as requested and formulating plan to transition entire agency. Will start with GIS Bureau, then Albany Office staff, updating regional staff last.

Concurrent use license - will this be supported long term by ESRI?

10:15 a.m. Topics from the Geospatial Services

Esri EA Update - Close to done; Still need to update an agency - left off - 24 agencies now, last one was 19 agencies

GIS Team (senate for this group)- revitalizing in February - looking for agency representative from each agency in enterprise agreement, also invite agencies/authorities in NYS that use GIS but aren't on the EA - Tim R and Jason are leads; how to allocate training credits - credit budget - based on contribution to EA

SAAG - house of representatives - open membership - share pain points, successes, ask technical questions

Geospatial Services - Infrastructure hub - worked with WebNY - all the branding is in ESRI hub; EA credits to have ESRI; Infrastructure.ny.gov - to view different projects

Geospatial Strategy - shared goals for GS - meet current emerging needs; modernize GIS architecture; enhance governance - metadata, etc, will ask SAAG to see what members are doing and how they can assist; empower stakeholders - enhance clearinghouse; evaluate & optimize cost effectiveness and quality of service; expand outreach and collaboration

Started strategic plan refresh last year - Jan/Feb; used EA credits to engage ESRI, they are providing initial draft, GS is reviewing it now.

Developing a service catalog; working with intake process through portfolio with defined services that team can offer, so it's easier to access team - app dev, data improvement

Architecture - virtual machines, better than SDE, make more efficient; data publishing procedures are dependent on ArcMap, they need to be updated, streets, parcels - things that need to be converted for automation

CDO hiring - will be responsible for AI

10:50 a.m. Break/Networking

11:00 a.m. UED – Joe Lasch ITS/DPS

Utility Events Dashboard – 11+ years

EORS & EIRS

Apps are internal.

Only reported outages by municipality – with UED each outage is its own submission.

In EORS they submit data every half hour – with UED it's every 5 minutes.

3 days' worth of data is readily available.

11:30 a.m. State Agency Demonstration

None scheduled – would anyone like to give a demo or have a discussion topic?

Jordan Garrison, volunteered at beginning of the meeting to give a demo of how to build tools in Pro - building tools for Pro vs ArcMap, visual studio -code in C#, pull components out of SDK, can open and debug Pro through VS

Added a tab called thruway tools - pulls up custom tab in ribbon - pulls in thruway basemap; tool that pulls in all data from web applications; tax parcel tool - pulls in tax parcel data service, encrypted; ArcGIS Pro for .NET SDK api, code in C#, addin's to Pro, called addin X file. Integrates with visual studio 2022; Pull components out of SDK when using visual studio

11:50 a.m. Open Forum/Announcements

12:00 p.m. Adjourn