

Stay Tuned: 2023 Midyear Meeting Registration Launches November 30

Registration for the 2023 NSGIC Midyear Meeting in Pittsburgh, PA will launch on November 30th. Keep an eye out for an e-blast with registration, draft agenda, venue information, and more!



December GIO Academy Registration Open Now

The GIO Academy is intended to bring GIOs and state leaders together to discuss common challenges and opportunities as leaders.

Speaking to stakeholders and managers is often central to a state GIS leader's responsibilities as they work to advance their initiatives. Those audiences often have little or no GIS background. Selling initiatives in a non-technical way is, therefore, a challenging but essential skill for state GIS leaders. This Academy provides multiple examples of how your peers used various non-technical, "storytelling", approaches to advance their initiatives.

Participation in this event is limited to GIOs, Deputy GIOs, NSGIC State Representatives and by GIO or State Representative invitation only. Invitations should be communicated to Emily Ruetz for registration.

This is an excellent opportunity to network and connect with your peers in states across the country, learning about their successes and challenges and potentially using those insights to effect change in your state.

[Register for the GIO Academy Here](#)

There is a new Broadband community available to join on My.NSGIC. All NSGIC members are welcome to join!

Simply navigate to All Communities, then scroll down to find the community titled Broadband and click the gold Join button on the right hand side of the screen.

Having trouble joining? Email [Emily Ruetz](#) for assistance.

Upcoming Virtual Programming

Today! 3DHP Info Forum: Lessons Learned in Minnesota's Approach to EDH utilizing Culvert Mapping and Breachlines - November 16 from 3:00 to 4:30 pm ET

Minnesota has been involved in developing tools and creating culvert inventories for use in culvert mapping for many years. These culvert inventories inform the work of DEM hydro-modification in the creation of elevation-derived hydrography. Pilot projects have been completed in two Lake Superior watersheds to create new hydrography that replicates the real world landscape hydrography. We will share lessons learned from developing culvert inventory applications as well as the data structure and metadata. We will also share how these culvert inventories are utilized in the DEM hydro-modification process to develop elevation-derived hydrography.

[Register Here >](#)

Automation...the "Easier Button" to Parcel Data Governance - November 30 from 2:00 - 3:00 pm ET

This presentation will focus on parcel implementations for state and locals to enhance Data Governance through automated business rules. 1Spatial helps organizations streamline workflows through automation to validate, clean and integrate data sources. Implementations have included building SDI's and implementing data supply chains for NG9-1-1 and parcel datasets for numerous states and counties.

Organizations are helping their partners to easily understand data requirements to empower their partners to correct their data issues while providing valuable data health metrics. Data meeting an agreed upon threshold is integrated into seamless organization-wide databases.

Join us to learn about how to apply these methodologies in your organization.

Presenters:

- Sheila Steffenson - CEO
- Melissa Alvarez - Solutions Engineer

[Register Here >](#)

Sanborn + AppGeo and a Conversation about State GIS - December 7 from 2:00 - 3:00 pm ET

Things happen for a reason. The Sanborn acquisition of AppGeo is, in part, a response to the rapid changes taking place in the world of GIS, especially at the state level. AppGeo's Bill Johnson will lead a conversation with John Copple (Sanborn CEO), Jason Caldwell (Sanborn Vice President), and Kate Hickey (AppGeo COO), through which they will explore the intersection of geospatial technology, strategy, and data, and what it means for state GIS programs. Join us and join in for what promises to be a thought provoking and informative conversation.

Presenters:

- Bill Johnson
- John Copple (Sanborn CEO)
- Jason Caldwell (Sanborn Vice President)
- Kate Hickey (AppGeo COO)

[Register Here >](#)

Demystifying Machine Learning: Hostile Robot Takeover or Force Multiplying Automation? - December 15 from 2:00 - 3:00 pm ET

Imagine being able to train a computer to review aerial imagery captured after a disaster and identify damaged structures while classifying the severity of damage to each individual structure within minutes of the imagery becoming available. Imagine being able to provide assistance to disaster survivors within minutes of an incident instead of days, weeks, and months. The power of machine learning is clear, but is the process of how to leverage machine learning a mystery to you? Do you have tasks that need to be done quickly and consistently that you currently do manually? Are you exploring the idea of automation and leveraging machine learning to accelerate the work you do? You no longer have to imagine the possibilities, leveraging machine learning within your organization and in your workflows is possible!

This presentation will use a recent case study involving the use of machine learning during Hurricane Ian to shed light on the possible efficiencies to be gained from leveraging machine learning models within your organization and to explain why the geospatial community, states and local governments and others need to pay attention to these emerging capabilities. Doing things that normally take weeks and months can now take a matter of minutes with a trained model, and the technology required to develop these models and training data are becoming easier to use and more accessible. Come join us as we demystify the use of more automated approaches.

Presenters:

- Karen Rogers (Geospatial Project Manager)
- Sid Pandey (Senior Geospatial Technology Manager)
- Catherine Bohn (Senior Project Manager)
- Paul Dean (Senior Project Manager)

[Register Here >](#)

Program Updates



**3DEP FTN Interest Group Meeting - Data Storage, Distribution, Derivatives and Application Options
December 8, 3 pm ET**

Join us as we continue to discuss lidar data management. The discussion will focus on options and applications that support 3DEP data and data derivative distribution and ideas for creating a shared workspace where participants can share their own information and experiences.

3DEP FTN Interest Group members have been sent a calendar invite with call-in information. If you did not receive a calendar invite and would like to participate either join the 3DEP FTN Interest Group at <https://my.nsgic.org> or contact Lynda Wayne, 3DEP FTN Project Manager at Lynda.Wayne@NSGIC.org.



As part of its final-year deliverables, NSGIC's Geo-Enabled Elections project recently released the [2022 State Election Director Report](#), documenting progress in the use of GIS technology in elections across the United States since the project's inception in 2017. In the report, the authors note that a remarkable 86% of U.S. states and territories have participated in the Geo-Enabled Elections project over the course of the project.

Election directors from 28 states and territories were interviewed or surveyed for the report, providing details on advances in the integration of GIS in elections. Examples include a greater use of audits to verify voter lists, and a significant increase in real-time updates of voter addresses.

[To download the full report, click here.](#) NSGIC is grateful for the time and candid input of the 28 U.S. election directors who participated in the interviews and surveys that made this nationwide report possible.

Save the date for the Fourth Annual Elections GeoSummit to be held virtually Thursday, December 8, 2022, from 12:00 - 2:00 p.m. ET. To receive an invitation to the 2022 Elections Geo-Summit on December 8, [sign up for the project's email news](#). Registration coming soon!

For questions regarding the project, please feel free to reach out to Geo-Enabled Elections Project Manager, Jamie Chesser at jamie.chesser@nsgic.org.



Elections **GEOSUMMIT**



**ELECTION ACCURACY
ELECTION EFFICIENCY**

December 8 | Noon - 2 p.m. ET

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Is there something you would like to share in the next NSGIC monthly newsletter?

Contact editor Emily Ruetz at emily.ruetz@nsgic.org