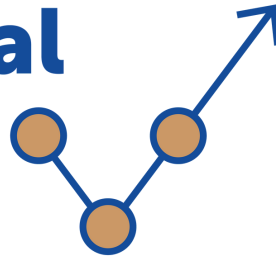# Geospatial Maturity ASSESSMENT

NSGIC 2021

Contact Information (Section 1 of 12)

Name

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Coordination (Section 2 of 12)

A. GIS Program Support

1. Does your state have a GIO? (pick one)

Yes - official state-level GIO

2. To whom does the GIO directly report? (pick one)

Other state department or agency head

3. What abilities does the GIO have? (choose all that apply)

- Influence on state and federal policy issues affecting the GIS community
- Input to budget and financial matters affecting the state GIS office
- Input over technology used at the state enterprise level
- Control over state-wide GIS data standards
- Coordinate activities across levels of government and within state government

B. Support for Coordination

  1. What authorization exists for the GIO/coordination position? (pick one)

None

2. How is the GIO office funded? (choose all that apply)

- General funds
- Grants

3. Is the GIO office able to accept "soft" money such as grants, fees for service, etc.? (pick one)

Yes

4. Does the GIO have a full-time professional staff that works on the ongoing programs of the office? (pick one)

No

C. Implementation

  1. Does your state have a clearinghouse? (pick one)

Yes

2. Does your state have a strategic plan for GIS? (pick one)

No

3. Does your state have an active GIS coordinating council that meets at least 4 times a year? (pick one)

No

D. URL and Website Information

1. Enter the complete URL for your State GIS Data Clearinghouse website. (Include http:// or https://)

https://data.georgiaspatial.org/login.asp?CookieTest=2 (pls note this id OLD and not maintained)

2. Enter the complete URL for your State's GIO office website. (Include http:// or https://)

https://gio.ga.gov/

3. Enter the complete URL for your state's GIS Council website. (Include http:// or https://)

4. Any new legislation? If so, please provide a very brief description and a full URL for any newly enacted GIS-related statutes in your state. These can include the establishment of the coordination office, sustained funding sources, public record laws, or other relevant laws.

https://www.legis.ga.gov/api/legislation/document/20092010/107398

Next Generation 9-1-1 (NG9-1-1) (Section 3 of 12)

1. Is there an effort in your state to coordinate the development, normalization, aggregation, and/or distribution of GIS data in support of NG9-1-1? (pick one)

Yes

2. Is there a state GIS coordinating body assigned with the responsibility for GIS data readiness for NG9-1-1? (pick one)

Yes

3. Is there a relationship between the state GIS office or coordinating body and state 9-1-1 coordinating body? (pick one)

Formal – GIS coordinating body is included in state 9-1-1 coordinating body

4. Is the development, normalization, aggregation, and/or distribution of GIS datasets required for NG9-1-1 funded? (pick one)

No

5. Are there processes in place to normalize and aggregate authoritative GIS datasets required for NG9-1-1 to statewide datasets? (pick one)

No

Road Centerlines

None

Site/Structure Address Points

None

PSAP Boundaries

None

Service Boundaries (law/fire/EMS)

None

Provisioning Boundaries

None

Road Centerlines (enter %)

<25%

Site/Structure Address Points (enter %)

<25%

PSAP Boundaries (enter %)

<25%

Service Boundaries - Law Enforcement (enter %)

<25%

Service Boundaries - Fire (enter %)

<25%

Service Boundaries - EMS (enter %)

<25%

11. Are 9-1-1 calls in your state being spatially routed to the PSAP over an ESInet using Next Generation Core Services (NGCS) and the Emergency Call Routing Function (ECRF)? (pick one)

No

12. Is there any inter-state NG9-1-1 GIS coordination (ex: boundaries alignment)? (pick one)

No

Elections (Section 4 of 12)

1. Does your office have a formal relationship (statute, administrative rule, formal agreement for services, or a standing coordination meeting) with your State's Election Director? (pick one)

No

2. Does your state manage or have easy access to an accurate, current statewide voting precinct boundary layer? (pick one) (Please note, that accuracy in this question means two things. First, accuracy indicates that the layer contains all of the most recent precinct boundary polygons. Second, accuracy also means that all the layers of information needed to do any election data management are in the right projection and at the appropriate scale.)

No

3. Does your state use and maintain a state or commercial geocoding web service to locate voter addresses and voters? (pick one)

No

4. Does your state have an audit process for precinct assignments within its election database? (pick one)

No

Address data creation and maintenance (pick one)

No

District data creation and maintenance (pick one)

No

Precinct data creation and maintenance (pick one)

No

Civic boundary data creation and maintenance (pick one)

No

6. Will the new precinct boundaries be added to your state's clearinghouse after the 2021 redistricting process? (pick one)

No

Address Points (Section 5 of 12)

1. Does your state have a program for developing or maintaining an authoritative statewide address database? (pick one)

No

Cadastre/Parcels (Section 6 of 12)

A. Parcel Data

1. What percentage of your counties have georeferenced digital parcel maps? (pick one)

90-100%

2. Does your state have a program of collecting current digital parcel data from local jurisdictions? (pick one)

No

C. No centralized state collection of digital parcel data

1. What percentage of your counties make their data available free or at a nominal cost? (pick one)

90-100%

Transportation (Section 7 of 12)

1. How complete is your state's road centerline database? (pick one)

Do not have

Hydrography (Section 8 of 12)

1. Is NHD meeting your state's requirements for hydrography? If yes, the grade cannot be lower than C. If no, the grade can rise or decline. (pick one)

Yes

2. Choose the answer that best describes the status of your state's program/initiative to improve your hydro dataset. (pick one)

No program

3. Are you actively working on an improved NHD hydro dataset? And if so, how much has your state completed? (pick one)

Have not actively begun

4. If you are actively working on an improved hydro dataset, how frequently is it being maintained? (pick one)

Not being maintained regularly at this point

5. When you are actively working on an improved hydro dataset, do you coordinate with USGS so your updates will integrate with the NHD? (pick one)

No

6. How accessible is your state's hydrography database? (pick one)

N/A

7. Does your state have a Data Steward for hydrography and are they actively engaged with USGS and with stakeholders in your state to make updates to the current NHD? (pick one)

No designated steward

8. Identify the best practices characteristics of your hydrography database. (choose all that apply)

- None apply

Orthoimagery (Section 9 of 12)

A. Leaf-On

1. How much of your state is covered by leaf-on orthoimagery? (pick one)

90-100%

2. Please indicate its update frequency. (pick one)

Greater than 3 years

4. Please indicate its accessibility. (pick one)

Findable and downloadable

5. Identify the characteristics of your leaf-on orthoimagery database. (choose all that apply)

- None apply

B. Leaf-Off

1. How much of your state is covered by leaf-off orthoimagery? (pick one)

25-49%

2. Please indicate its update frequency. (pick one)

No update

3. Please indicate if you opt for any additional options. (choose all that apply)

- 6-inch product or better

4. Please indicate its accessibility. (pick one)

Limited availability (including state and local governments)

5. Does your program collect more than the three R-G-B bands of data? (pick one)

No

6. Identify the characteristics of your orthoimagery database. (choose all that apply)

- None apply

Governmental Units (Section 10 of 12)

1. Does your state have >75% unincorporated areas (as measured by the number of county subdivisions, not by land mass)? (pick one)

Yes

2. Of your incorporated areas, what percentage have reliable boundaries? (pick one)

51-75%

3. Does your state have an authoritative source for boundary data? (pick one)

Yes, administrative

4. What is the update frequency of the data? (pick one)

Infrequent because of annual reporting expectation for the Census

5. How are the data published? (pick one)

Data published with no standard

6. Are the data publicly available? (pick one)

Downloadable

7. Identify the characteristics of your governmental boundaries activities. (choose all that apply)

- Local government: There is a formal connection to local government

Geodetic Control (Section 11 of 12)

1. Does your state have any program activities focused on geodetic control? (pick one)

No

2. Is your state included in the Public Land Survey System (PLSS)? (pick one)

No

4. What are the details of your state efforts? (choose all that apply)

- None apply

5. How is your state preparing for NGS's 2022 vertical datum and terrestrial reference frames update? (NSRS Modernization)

- No NSRS Modernization preparations

Elevation (Section 12 of 12)

1. Indicate the level of completion of the elevation data layer as a percentage. (pick one)

<10% statewide

2. What is the frequency of the updates? (pick one)

Not defined

3. What standards are used for publishing state-collected data? (pick one)

Published as received

4. What is the quality level of the elevation database? (pick one)

Quality Level 2 (QL2) or better as defined by USGS

5. Do you have any data within your state that is a better Quality Level than is stated in the previous question? (pick one)

No

6. How accessible is your elevation database? (pick one)

Not available or no request process

7. What are the details of your state efforts? (choose all that apply)

- None apply

8. How does your state use elevation data? (choose all that apply)

- Engineering (Transportation/Construction Planning)
- Archeology
- Renewable Energy Design (Solar/Wind)
- Environmental
- Property Valuation
- 3D Visualizations and project design
- Drainage and Stormwater modeling
- Flood impact studies
- Watershed and Wetland delineation
- Basemap enrichment – building footprints, etc.
- Hazard Prediction - landslide evaluation
- Elevation referencing – Orthophotography/3D data enrichment
- Habitat and vegetation studies
- Karst topography studies