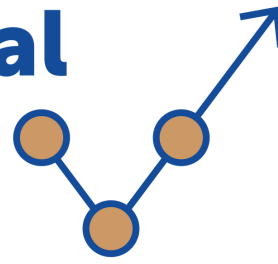




Geospatial Maturity ASSESSMENT



Contact Information (Section 1 of 12)

Name

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State

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Coordination (Section 2 of 12)

A. GIS Program Support

1. Does your state have a GIO? (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://keck-nbmg.opendata.arcgis.com/> & <https://data-nbmg.opendata.arcgis.com/>

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

<https://ngis.org/>

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, but the effort is led by counties

Road Centerlines

Hybrid

Site/Structure Address Points

Hybrid

PSAP Boundaries

Hybrid

Provisioning Boundaries

Hybrid

10. Which of the following statewide GIS datasets are publicly available? (choose all that apply)

- Road Centerlines
- Site/Structure Address Points

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)

Yes

Precinct data creation and maintenance (pick one)

Yes

Civic boundary data creation and maintenance (pick one)

Yes

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

Yes

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)

80-89%

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)

86-99%

2. How frequently is this data updated? (pick one)

Monthly

3. What is the quality of the state-level data? (pick one)

Edgematched and published to an approved state or national standard (verified/validated)

4. How accessible is your road centerline database? (pick one)

Open, free, downloadable

5. Identify the characteristics of your road centerline database. (choose all that apply)

- Steward: There is a designated aggregator or steward for this data layer
- Funding: This program does have regular state-level funding
- Business plan: A business plan does exist for this theme
- Local government: A formal connection or agreement exists with local government to roll up and make data available to the state
- Attributes: The state data does contain attributes associated with road centerlines (e.g. lanes, speeds, address ranges)
- Real-time conditions: Near real-time road conditions are available

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

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

N/A

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)

No coverage

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)

76-99%

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

No

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 to the FGDC/Census standard

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

Downloadable

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

- None apply

Geodetic Control (Section 11 of 12)

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

Yes

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

Yes

3. What specific program activities exist? (choose all that apply)

- Support a statewide RTN network (possibly through private partners)
- Program for performing GPS on Benchmarks

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

- Steward: There is a designated state steward
- Funding: There is a regular funding for the state program
- Relationship: There is an established working relationship between the state and tribal – local governments
- Relationship: There is an established working relationship between the state and the professional surveying community

Elevation (Section 12 of 12)

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

40-49%

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)

Yes

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

Open, free, viewable, downloadable, with API

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
- Other (specify)

Please specify:

Geologic hazards - earthquakes, faults; Evaluate for geothermal energy and critical mineral potential

Please describe (in numbers and scope) how the GIS community and others in your state have leveraged lidar/elevation data in support of a variety of disciplines (e.g. transportation planning, flood risk mitigation, environmental management, etc.).

Used to locate abandoned mine land features, previously unknown or poorly mapped faults, glacial deposits, and landslides that were not otherwise mapped. Also to expand geothermal potential.