

Commonwealth of Pennsylvania

State GeoBoard Meeting

February 26, 2018

Agenda

- Welcome and Introductions
- Task Force Updates
 - Strategic Plan - Vote
- New Business
 - Annual Report - Vote
 - PEMA Update
 - NENA Update
 - Legislative Items
 - Outreach
 - Recommendation Review – Vote, as appropriate
 - Prioritization Tool and Topics for Next Meeting
- Adjourn

Task Force Updates

Data Program Task Force

- Data Sharing
 - Draft is being prepared
 - Presented at CCAP Annual Conference
- Base Map
 - Ongoing Workgroups
 - Elevation/LIDAR Workgroup
 - DCNR Presentation
 - Parcel Workgroup
 - Volunteers solicited
 - Civic Boundaries
 - Hydrography
 - PEMA/NG911 required layers

Data Program Task Force

STAGE 1				
Data Layer	Best Aggregated Source	Sources	Attributes	Stage 1 Ready
Parcels	None	County	PIN, Geometry(poly)	N
Civic Boundaries	DOT	Muni/County/Court/USGS	Geometry(poly)/Name/FIPS	Y
Landmarks	None	Muni/County/USGS/CENSUS	Geometry(point)/name	N
Hydrography	DEP	Various sources/USGS	public	Y
Monumentation	NGS	DOT/USGS/NGS/Various	public	Y
Remote Sensing	USGS/PAMAP/USDA	Various sources/NAIP	public	Y
Elevation	USGS/PAMAP	USGS/PAMAP	public	Y
Structures	None	Municipality/County	Geometry(point or poly)/Situs Address	N
Land Cover	USGS	County/PSU/Various	public	Y
Land Use	None	County/PSU/Various	public	N
Geographic Names	USGS	USGS/Various	public	Y
Transportation	DOT	County/DOT	Geometry(point)/name	Y

Figure 1. Yellow highlighted rows denote layers that need additional work to be Stage 1 ready

Governance Task Force

- Strategic Plan Finalization
 - Multiple Review Rounds
 - Professionally Edited
 - Aesthetic theme to match Annual Report

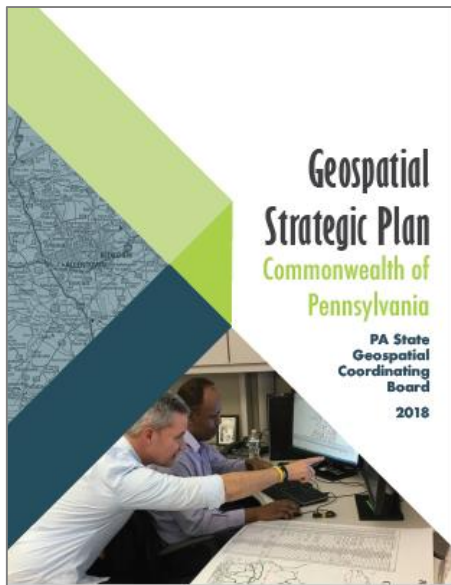


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EXECUTIVE SUMMARY

The Pennsylvania State Geospatial Coordinating Board (GeoBoard) was established in 2014 under Act 178 to:

"Provide advice and recommendations to the Governor and the citizens of this Commonwealth on geospatial issues and provide uniform data standards, coordination and efficiency in geospatial policy and technology issues among Federal, State and local government agencies, academic institutions and the private sector."

The creation of the GeoBoard was in direct recognition of the importance of geospatial technologies in understanding, managing, and governing in today's world. Emergency response, policing and safety, environmental protection, natural resource management, human services, infrastructure integrity, taxation, and many other sectors depend on geospatial data to make informed decisions. Decisions which all depend on or benefit from the efficient and effective application of geospatial technologies.

How the GeoBoard Functions

The GeoBoard includes members (Appendix C) from a broad section of interests and organizations, including Commonwealth agencies, local governments, professional associations, legislative representatives, higher education, the private sector, and other stakeholders (Appendix C). The GeoBoard leverages this diverse membership to take advantage of unique opportunities to work collaboratively together on key issues and initiatives. It provides a forum where the needs and interests of the geospatial community can be openly discussed and acted upon. The GeoBoard evaluates priorities and advocates for effective and efficient use of Pennsylvania's geospatial resources. These priorities are carried to action through the GeoBoard's primary function: making recommendations to the Governor.

Purpose of the Geospatial Strategic Plan

The purpose of this Strategic Plan is to lay the foundation for the future of Pennsylvania's geospatial environment. This was accomplished through an extensive planning process (Appendix A) which set the goals and objectives detailed in this document.

The following four strategic goals were developed by the GeoBoard:

- Create a Sustainable Business Model
- Facilitate the Development of Statewide Authoritative Datasets
- Ensure and Promote Public Access to Geospatial Data and Services
- Enhance Collaboration, Cooperation, and Coordination

Each strategic goal is further supported by actionable objectives based on input from the geospatial community, research into the issue, and other relevant information.

This plan also provides an overview of the current status of the geospatial environment including accomplishments, challenges, and opportunities that can be taken advantage of. Finally, the plan collectively guides the stakeholders and community towards the future state of the Commonwealth's geospatial environment.

STRATEGIC PLAN

Purpose

By creating this plan, the GeoBoard, and the Commonwealth's geospatial community, intend to develop a collaborative, holistic, and sustainable approach toward geospatial technologies that will benefit stakeholders and citizens of the Commonwealth. The purpose of this plan is to position Pennsylvania to be more effective and efficient in its collective use of geospatial technologies in the future. Targets of this future state are:

- Geographic information is acknowledged as a public asset by a broader constituency.
- The Commonwealth's base layers are seamless, current, accurate, and freely accessible.
- Data is maintained over time and archived consistently for future use.
- Collaboration, cooperation, and coordination among organizations within Pennsylvania are the norm.
- Duplication of effort is effectively eliminated; data should be created once, maintained as necessary, and used many times.
- Resources are allocated to support geospatial operations and projects across the Commonwealth in a sustainable and long lasting manner.
- Pennsylvania's geospatial industry attracts and retains talent by fostering personal and professional growth through employment, academic research, education, and participation opportunities.
- All levels of government (Federal, state, county, and local) as well as educational stakeholders, utilities, nonprofit organizations, and the private sector can be involved in planning, creating, distributing, funding, and enhancing the collective geospatial capabilities of the Commonwealth.

Strategic Goals

The strategic goals described in this plan are the result of input acquired by the GeoBoard during an intensive planning process (Appendix A). This input has been developed into four overarching strategic goals, goals which are designed to achieve the future vision of geospatial technologies in the Commonwealth. The GeoBoard task forces will be responsible for taking this plan forward, continuing discussion, and collaboratively developing implementation plans for each goal.

The four key strategic goals for the GeoBoard are:

- Create a Sustainable Business Model
- Facilitate the Development of Statewide Authoritative Datasets
- Ensure and Promote Public Access to Geospatial Data and Services
- Enhance Collaboration, Cooperation, and Coordination

Each strategic goal is further supported by actionable objectives based on input from the geospatial community, research into the issue, and other relevant information.

Governance Task Force

- Legislative Review Subcommittee
 - Finalized Recommendation for HB1106
 - 3 Page Recommendation + 7 Supporting Documents
 - HB1106 Update:
 - Senate Consumer Protection and Professional Licensure Committee (since 6/6/17)
 - Next Senate Session – 3/19/2018
 - PSLS working on revisions based on Legislative Review Subcommittee's Recommendation to the GeoBoard

Governance Task Force

- Legislative Review Subcommittee
Recommendation on HB1106

“PA House Bill 1106 (HB1106) should not be endorsed by the PA State Geoboard in its current form (Printer’s No. 1931). Several components of the language introduced in HB1106 could have adverse consequences for the Commonwealth’s geospatial community. The PA State GeoBoard should advocate for the language of HB1106 to be altered in a manner which mitigates these consequences and provides clarity on the purpose and scope of proposed changes.”

Governance Task Force

- Legislative Review Subcommittee Recommendation on HB1106
 - Recommended Alterations to Bill
 - Expand the definitions section
 - Incorporation of the NCEES Model Rules w/ particular focus on inclusions & exclusions of activities subject to “surveying practice”
 - Incorporation of “mapping grades” or accuracy classification standards for clear distinction
 - Development of a standardized, legally sound, and universally agreed upon disclaimer

Governance Task Force

- Up Next
 - Work with Task Forces & Stakeholders to develop Implementation Plans

Implementation Plan

Details related to the implementation of the strategic goals and objectives included in this plan will be developed via complementing documents called Implementation Plans. These Implementations Plans will be developed to detail individual tasks necessary to successfully achieve a particular objective (as outlined above). Implementation Plan items, contributing parties, and completion timeframes will be developed jointly by all task forces and input into a standardized template.

Governance Task Force

- Strategic Plan – Vote to Accept and Publish

Service Delivery Task Force

Discussion Items:

1. Reviewed feedback from October PASDA User Session
 - Data people need but don't have access to:
 - parcels
 - statewide road centerlines
 - imagery
 - Imagery is the most often used dataset and considered '*vital to my work*'
 - Other application suggestions: 3D, statewide parcel viewer, Https services, data aggregator
 - PASDA is continuing to have discussions with geospatial users and groups to get feedback on users needs and wants

Service Delivery Task Force

Discussion Items:

2. Discussed data sharing with NYS GIS Program Office
 - Relationships are key!
 - Education is necessary to teach people why data sharing is important
 - Data sharing takes time

Service Delivery Task Force

PA Basemap Services available for review

- includes identified Basemap layers
- Tiled and Cached Base Map with no Imagery -
http://apps.pasda.psu.edu/arcgis/rest/services/PA_BaseMap2/MapServer
- Not Cached Base Map - Contains extra background layers (PAMAP, NAIP, PAMAP Land Cover) -
http://apps.pasda.psu.edu/arcgis/rest/services/PA_BaseMap/MapServer
- Tiled and Cached Base Map with imagery (PAMAP 2003 - 2006) -
http://apps.pasda.psu.edu/arcgis/rest/services/PA_BaseMap_tile2/MapServer

Service Delivery Task Force

We need your help with:

- Who is our audience? Who are we trying to reach?
- What is our ultimate goal and what will be required to meet that goal? We need some definition to what we are trying to build.
- How will users consume the basemap services?
 - Should the entire basemap be cached and tiled or should the individual layers be cached? Both?
 - Should multiple types of imagery be cached?
- Data Management – data updates, notifications of updates, etc.
- Need ideas about labeling, scaling, symbology, etc.

New Business

- Annual Report – Vote to Accept and Publish
- PEMA Update – Jeff Boyle
- NENA Update – Barry Hutchins
- Legislative Items
- Outreach
- Recommendations
 - Vote to Accept, as appropriate
- Prioritization Tool
- Topics for Next Meeting

Future Meetings

- May 21, 2018 1:30 – 3:00 PM
- August 20, 2018 1:30 – 3:00 PM
- November 5, 2018 1:30 – 3:00 PM

Location: 333 Market Street, Harrisburg, PA 17126-0333