



COMMONWEALTH OF
PENNSYLVANIA

STATE GEOSPATIAL COORDINATING BOARD

BOARD MEETING
MARCH 14, 2024

[STATE GEOSPATIAL COORDINATING BOARD WEBSITE](#)

MEETING AGENDA

- Welcome and Opening Remarks
- Leadership Team Updates
- 2023 Annual Report – **Vote to Publish**
- Strategic Plan Update – **Review**
- Joint Task Force Report
 - Annual Review - Strategic Plan Implementation
- New Business
- Adjourn

WELCOME AND INTRODUCTIONS

- Welcome and Opening Remarks - Kevin Eaton, Eric Jespersen
- Member Roll Call – Kevin Eaton
 - Outgoing
 - Matt Bembenick – DGS
 - Mike DeMatt – OA
 - Joe Livoti – Suburban Community
 - Incoming
 - Cathy Califano - DGS



GEOBOARD LEADERSHIP TEAM UPDATES

Task Force Leaders

DATA TASK FORCE

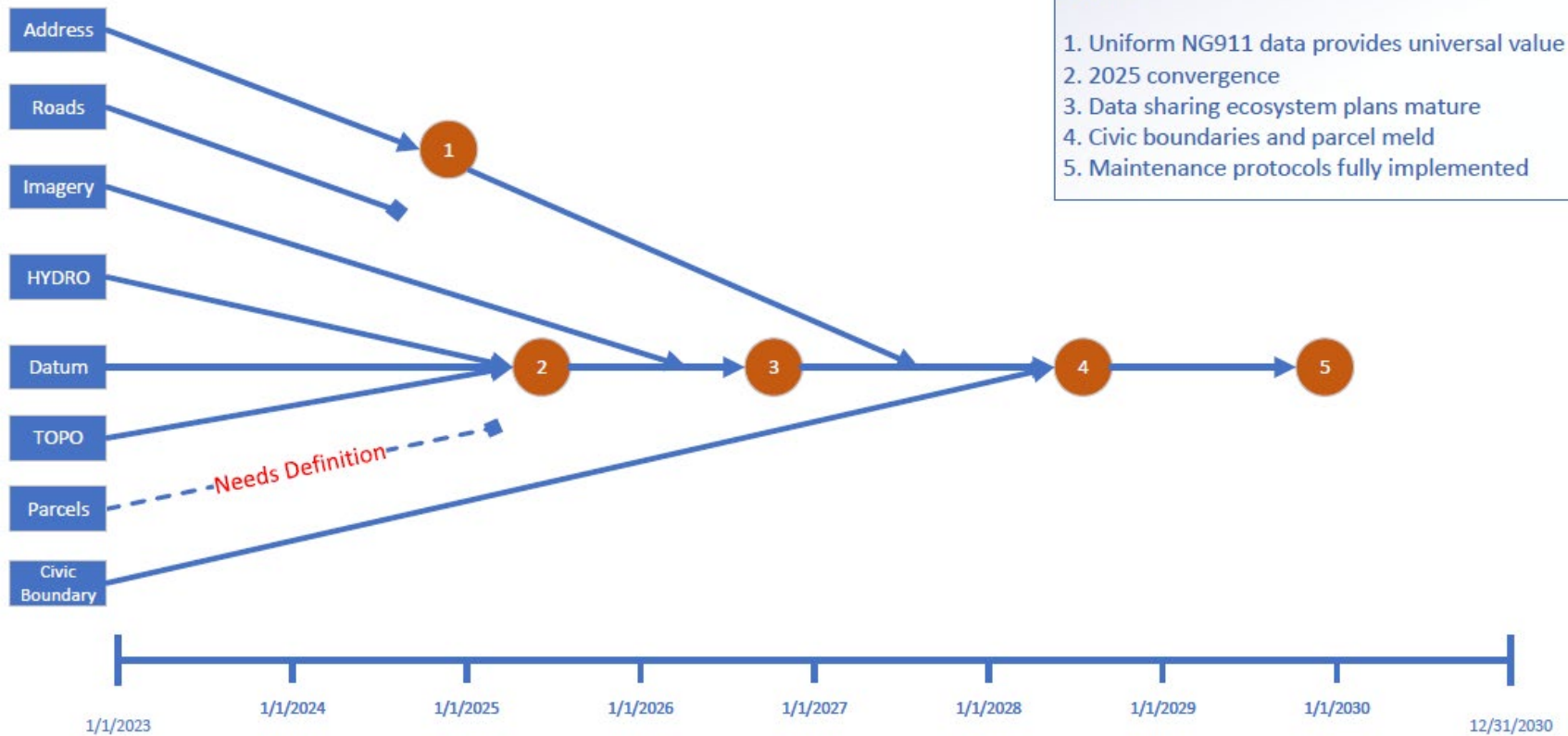
- **Geodetic Working Group**
 - PA BaseMap at PSLS Conference
- **Hydrography Working Group**
 - 3DHP Data Collaboration Application
- **NG911 Imagery Program**
 - New QC contractor, deliveries resumed
- **Civic Boundary Working Group**
 - First statewide BAS report in process

DATA TASK FORCE

Basemap Integration Timeline

Notes:

1. Uniform NG911 data provides universal value
2. 2025 convergence
3. Data sharing ecosystem plans mature
4. Civic boundaries and parcel meld
5. Maintenance protocols fully implemented



SERVICE DELIVERY TASK FORCE

Discussion Items:

- ▶ Metadata Session **Let's Talk Metadata!** held on March 1st. This was a success with over 35 attendees. A metadata training session will be planned in the near future.
- ▶ PA GIS Census – We need a *champion!*
- ▶ Updated *3D PA Report* being reviewed
- ▶ Many counties are sending regular data updates for the PA Basemap – THANK YOU!
- ▶ County GeoBoard Reps met in December to discuss data sharing
- ▶ New data partners at PASDA - Lancaster, Columbia and Montour Counties
- ▶ “Focus Point” – The creation of 1-page, simple, informational documents on various topics for the GeoBoard. Subjects could be on critical minerals, stocking trout, building trails, etc.

GOVERNANCE TASK FORCE

➤ **GeoBoard Reauthorization update**

- Sunset June 30, 2024
- More info later in Ex Dir update

➤ **Strategic Plan (covered later)**

➤ **Drone-subcommittee**

- Addressing submitted business topic
- First meeting held 2/9/24, introductory meeting and team assembling

➤ **GIS Census**

- Transfer to Service Delivery TF

➤ **Implementation Plan Review**

- New Implementation Task: Develop Communications Plan

EXECUTIVE DIRECTOR

Reauthorization of GeoBoard

- Sunset June 30, 2024
- Recommended Changes
 - PaMAGIC name change to Keystone GIS
 - PA Chapter of MAPPs, Municipal Authorities removed
 - Clarified operations in transition
 - Clarified transition of agency members
 - Added sponsors/members – DCED, State, **General Services**
 - New sunset July 31, 2028
- Legislative Process
 - Secured sponsor in Senate, sponsorship memo posted
 - Bill not yet introduced (will advise)
 - CCAP voicing strong support
 - Positive expectations generally

STATE GIS COORDINATOR

[Scottie Wall](#) - [Bureau of Geospatial Services \(OA GIS\)](#)

➤ NSGIC's 2023 [Geospatial Maturity Assessment](#)

- We are proud of the multistakeholder work that has **increased our overall grade from a B+ to an A-**.
- OA GIS views the GMA, an exercise in self-assessment done by 47 states, as an opportunity to engage entities to improve the geospatial services that are made available to our customers and citizens.

➤ PA Lidar & Imagery Program Updates

- OA GIS solicited surveys to guide centrally managed, sustainable, future data acquisitions. Survey results will be shared at the PA GIS Conference and will guide upcoming multistakeholder procurement meetings.

	STATE AGENCIES (closed)	COUNTIES (closing 4/1/24)	ALL OTHERS (closing 4/1/24)
Responses as of 3/6/24	LIDAR: 56	LIDAR : 4	LIDAR : 66
	IMAGERY: 79	IMAGERY : 20	IMAGERY : 75

- Other Surveys: Agency Parcel Survey & Meetings coming this month

➤ OA GIS Strategic Plan (2024-2029) Fully Drafted

- Review by Chief Data Officer and Geospatial Center of Excellence (GCoE) internal governance completed.
- Currently out for feedback from GeoBoard Leadership Team



2023 ANNUAL REPORT

2023 ANNUAL REPORT

Highlights

- ▶ Reconstituted Board under Shapiro Administration
- ▶ Governance Task Force
 - ▶ Reauthorization review and guidance
 - ▶ Official Procedures revised
- ▶ Service Delivery Task Force
 - ▶ COVID 19 Follow up Report
 - ▶ Expanding Data Sharing Workshop
 - ▶ 3D Focus
- ▶ Data Program Task Force
 - ▶ “Drawing Lines” report published
 - ▶ Remote Sensing Opportunity Brief
 - ▶ State Plane Coordinate Brief
 - ▶ BaseMap Roadmap

2023 ANNUAL REPORT

- Is a legislatively required work product
- Reviewed by Leadership Team, OA Press Office
OA Legal, OA Policy review
- Consistent format over time
- Format help through PASDA/PSU – Thank you!
- Useful in reauthorization
- Internal promotion among members

2023 ANNUAL REPORT

ROLL CALL VOTE TO PUBLISH





2024 STRATEGIC PLAN UPDATE

STRATEGIC PLAN

2024-2027

- ▶ First update since 2021, and no major changes, short and simple
 - ▶ Sustainability, Collaboration, Stewardship
- ▶ Subcommittee held 3 virtual meetings
- ▶ Minor changes included:
 - ▶ Changed dates to 2024-2027
 - ▶ Cleared some redundancy in descriptions
 - ▶ Replaced "...increase the number of entities that participate in the GeoBoard Data Sharing Agreement" with "Promote data sharing and access to geospatial data..."
- ▶ Maintain focus on Implementation Approach by Task Force

STRATEGIC PLAN 2024-2027



- Email vote when final formatting complete.
- Content not changing
- Discussion?



JOINT TASK FORCE REPORT

Implementing the Strategic Plan

SUSTAINABILITY
COLLABORATION
SETWARDSHIP

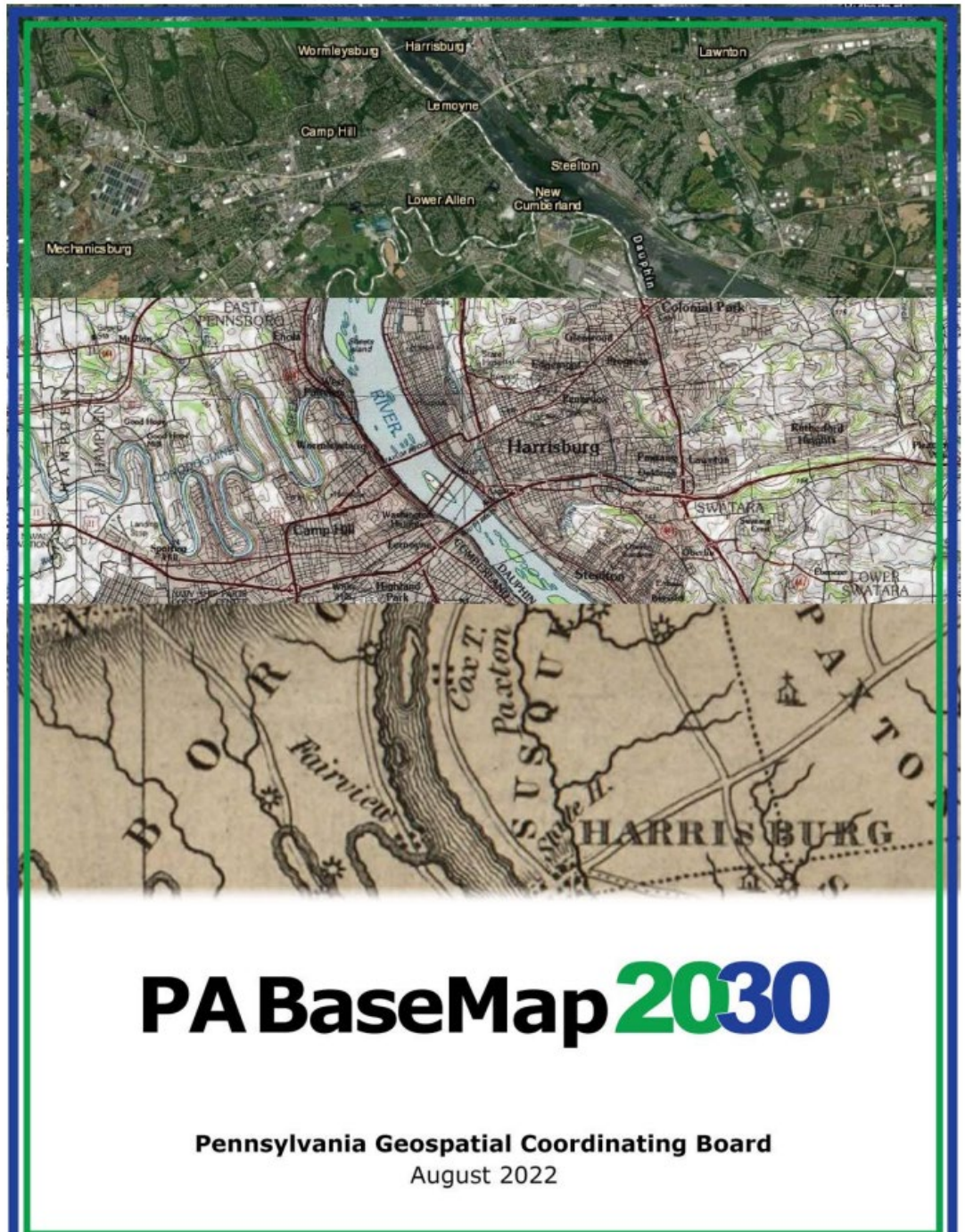


Geospatial Strategic Plan Commonwealth of Pennsylvania

**PA State
Geospatial
Coordinating
Board**

2021

SUSTAINABILITY
COLLABORATION
SETWARDSHIP



State Geospatial Coordinating Board

The Pennsylvania State Geospatial Coordinating Board was established within Office of Administration by [Act 178 of 2014](#) to: “Provide advice and recommendations to the Governor and the citizens of this commonwealth on geospatial issues and provide uniform data standards, coordination and efficie in geospatial policy and technology issues among Federal, State and local government agencies, academic institutions and the private sector.” In June 2020, the operations of the GeoBoard were re-authorized through the enactm of [Act 37 of 2020](#).

- [GeoBoard Members](#)
- [2022 Annual Report](#)
- [Strategic Plan](#)
- [Strategic Plan - Implementation Approach](#)
- [Get involved in the GeoBoard](#)

GeoBoard Meetings

- November 16, 2023
- March 14, 2024
- June 13, 2024

Task / Item	<u>Service Delivery Task Force</u> – Identify parties and funding to engage in a long-range study regarding methods of, and responsibility for data access, archive, and security for data elements of PA BaseMap 2030. Scope would encompass public and private access requirements, include local government data, and a minimum time frame of 50 years.
Estimated Start Date	3/16/2023
Estimated Completion Date	11/30/2023 (somewhat dependent on data integration task)
Metrics/Measurables	Succinct description of a study to review options and requirements
Other Entities Involved	TBD as this needs involvement of entities not yet associated with GeoBoard.
Strategic Plan Relation(s)	Theme: Sustainability Objective: Promote sustainable funding <ul style="list-style-type: none"> • Identify and endorse funding opportunities for impactful, wide reaching business programs and initiatives underpinned by spatial data.

Task / Item	<u>Leadership Team</u> – Document current data sharing practices and expectations among state agencies and signatories of the Statewide Data Sharing Agreement and propose changes that would promote increased collaboration and agility in sharing among governments.
Estimated Start Date	Revision of task dated 11/30/2021 (was Governance Task Force)
Estimated Completion Date	11/30/2023
Metrics/Measurables	Succinct report on current practices and on possible policy directions to increase sharing. Bureau of Geospatial Services establish and promote Standard Operating Procedures for Data Transfer
Other Entities Involved	OGC, EDO, County GIS Pros, CCAP, PASDA
Strategic Plan Relation(s)	Theme: Collaboration Objective: Continue to promote data sharing and increase the number of entities that participate in the GeoBoard Data Sharing Agreement

STRATEGIC PLAN IMPLEMENTATION APPROACH 2024

Governance Task Force

Task / Item	<p>Create a communications plan for the GeoBoard. It should address both internal and external communications, as well as technical and non-technical audiences. Components to include:</p> <ul style="list-style-type: none"> • Messaging and graphics • Website and distribution alternatives • Calendar of events • Resource needs defined
Estimated Start Date	3/31/23 (builds upon Revised Official Procedures and 2023 internal review by Leadership Team)
Estimated Completion Date	9/30/24
Metrics/Measurables	<ul style="list-style-type: none"> • Active subcommittee, including new members • Plan approved by GeoBoard
Other Entities Involved	Enterprise Data Office, OA Press Secretary
Strategic Plan Relation(s)	<p>Collaboration</p> <ul style="list-style-type: none"> • Coordinate GeoBoard communications <ol style="list-style-type: none"> 1. Effectively disseminate GeoBoard / task force / subcommittee activities, events, and documents. 2. Promote consistency in communication and messaging from the GeoBoard and its members

STRATEGIC PLAN IMPLEMENTATION APPROACH 2024

Leadership Team

Task / Item	Utilize the SSAP Case Study and County Data Sharing Report to build executive support for PA BaseMap 2030.
Estimated Start Date	1/1/24
Estimated Completion Date	6/30/24
Metrics/Measurables	<ul style="list-style-type: none"> • Report suitable for senior executives in member agencies • Reauthorization of GeoBoard
Other Entities Involved	County GIS Pros, CCAP, PEMA, OA Geospatial
Strategic Plan Relation(s)	<p>Collaboration</p> <ol style="list-style-type: none"> 1. Coordinate GeoBoard communications 2. Effectively disseminate GeoBoard / task force / subcommittee activities, events, and documents 3. Promote consistency in communication and messaging from the GeoBoard and its members

STRATEGIC PLAN IMPLEMENTATION APPROACH 2024

Service Delivery Task Force

Task / Item	3DPA Demonstration Program will foster innovative uses of PA data in 3D environments by public, private and academic stakeholders. The goal will be to build an incubator type environment for enabling 3DPA on a broader scale that shows the potential for hosting and providing access to 3D data.
Estimated Start Date	3/16/2023
Estimated Completion Date	9/30/2024
Metrics/Measurables	<ul style="list-style-type: none"> • Mechanisms will be in place so that interested parties can demonstrate their applications and/or test pilot versions of proposed solutions using open PA data over the specified region <ul style="list-style-type: none"> ○ No costs will be borne by the Commonwealth except where it initiates such activity ○ There may be multiple regions selected as demonstration areas ○ Data management demonstrations are welcome.
Other Entities Involved	All members
Strategic Plan Relation(s)	<p>Sustainability</p> <p>Objective: Promote sustainable resources.</p> <ul style="list-style-type: none"> • Encourage the recruitment, training, and retention of qualified geospatial talent. • Encourage training and education focused on real-world, cutting-edge geospatial technology to prepare individuals for careers that contribute to the Commonwealth’s geospatial future regardless of entity <p>Objective: Promote sustainable funding.</p> <ol style="list-style-type: none"> 1. Demonstrate the utility and value of coordinated spatial operations.

STRATEGIC PLAN IMPLEMENTATION APPROACH 2024

Service Delivery Task Force

Task / Item	Increase GIS Community awareness regarding methods of, and responsibility for long-term data access, archive, and security for data elements of PA BaseMap. Subject matter would encompass public and private access requirements, include local government data, and a minimum time frame of 50 years.
Estimated Start Date	3/16/2023 was original start date
Estimated Completion Date	11/30/2024
Metrics/Measurables	<ul style="list-style-type: none"> • Formation of a diverse team with the knowledge needed. • Initial meeting to gauge interest and resources. <ul style="list-style-type: none"> ○ Imagery catalog a topic
Other Entities Involved	PSU Libraries/PASDA, State Library, PA State Archives, Enterprise Data Office
Strategic Plan Relation(s)	<p>Sustainability Promote sustainable funding</p> <ol style="list-style-type: none"> 1. Identify and endorse funding opportunities for impactful, wide reaching business programs and initiatives underpinned by spatial data. <p>Stewardship</p> <ol style="list-style-type: none"> 2. Promote partnerships that ensure data is archived and accessible for future generations.

STRATEGIC PLAN IMPLEMENTATION APPROACH 2024

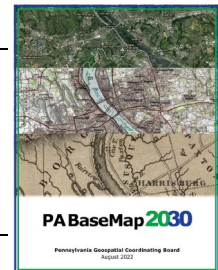
Service Delivery Task Force

Task / Item	PA GIS Census development and reporting
Estimated Start Date	Revision of task dated 11/30/2021
Estimated Completion Date	12/30/2024
Metrics/Measurables	<ul style="list-style-type: none"> • Identify motivated leadership <ul style="list-style-type: none"> ○ Discuss as possible research question for PALDS • Initial Survey Released
Other Entities Involved	PASSHE, Dept. of Education, PA State Data Center
Strategic Plan Relation(s)	<p>Theme: Sustainability</p> <p>Objective: Promote sustainable resources.</p> <ul style="list-style-type: none"> • Encourage the recruitment, training, and retention of qualified geospatial talent. <ol style="list-style-type: none"> 1. Encourage training and education focused on real-world, cutting-edge geospatial technology to prepare individuals for careers that contribute to the Commonwealth’s geospatial future regardless of entity.

STRATEGIC PLAN IMPLEMENTATION APPROACH 2024

Data Program Task Force

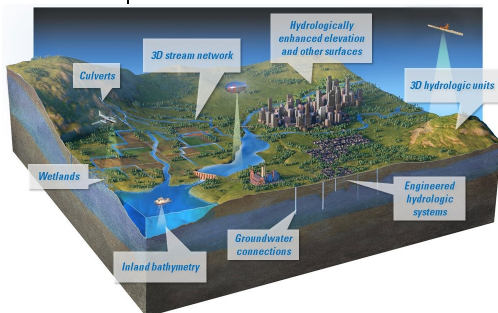
Task / Item	Encourage integration of data development and maintenance as the fundamental nature of PA BaseMap 2030
Start Date	8/16/22 acceptance of PA BaseMap 2030 as the GeoBoard's Vision
Estimated Completion Date	12/31/24
Metrics/Measurables	<ul style="list-style-type: none"> • Publish a concise summary of the overall roadmap for publication in a BaseMap 2030 pitch document <ul style="list-style-type: none"> a. Each working group define, in layman's terms, the problem they are trying to solve b. Design and publish a graphical version of the layer synopses • Host separate meetings wherein all working groups explore and document data elements and points in which workflows could or should converge to another specific base layer. Base layers to be investigated in a specific session are: <ul style="list-style-type: none"> ○ Hydrography ○ Civic Boundaries ○ Imagery Catalog ○ Public Utilities
Other Entities Involved	EDO, Each Data TF Working Group, OA Press Secretary
Strategic Plan Relation(s)	<p>Collaboration</p> <p>Sustainability</p> <p>Stewardship</p>



STRATEGIC PLAN IMPLEMENTATION APPROACH 2024

Data Program Task Force

Task / Item	Actively promote and support interagency involvement in USGS' 3D National Topographic Model (3DNTM), and specifically for sustained investment in 3DEP and for 2025-26 3DHP statewide data creation
Estimated Start Date	3/14/24
Estimated Completion Date	7/31/24
Metrics/Measurables	<ul style="list-style-type: none"> • Story Map creation by PAHD leadership Team by 6/13 quarterly meeting • Dissemination among Selected state agencies • State agency funds budgeted as match for 3DHP DCA of 10,000 sq miles or more
Other Entities Involved	State agency GeoBoard members, USGS National Geospatial Programs, NRCS PA Office
Strategic Plan Relation(s)	<p>Sustainability</p> <ol style="list-style-type: none"> 1. Promote sustainable funding. <ol style="list-style-type: none"> a. Identify funding opportunities for impactful, wide reaching business programs and initiatives underpinned by spatial data. b. Demonstrate the utility and value of coordinated spatial operations. c. Highlight the cost benefit / return on value of spatially enabled business solutions to decision makers and stakeholders.



What We Will Do

2024/2025 Implementation Tasks

- Treat the BaseMap as a whole
 - Individual Working Groups remain critical
 - Data sharing simplified
- Tie goals to the problem statements
 - Inefficiency
 - Public safety
 - Equity

Messaging/Communications

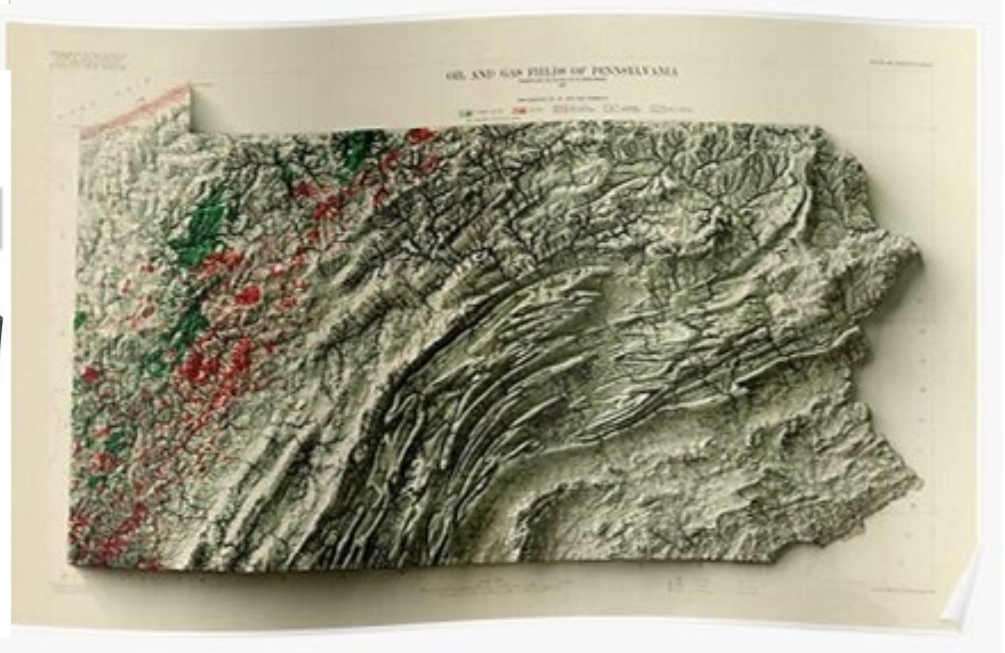
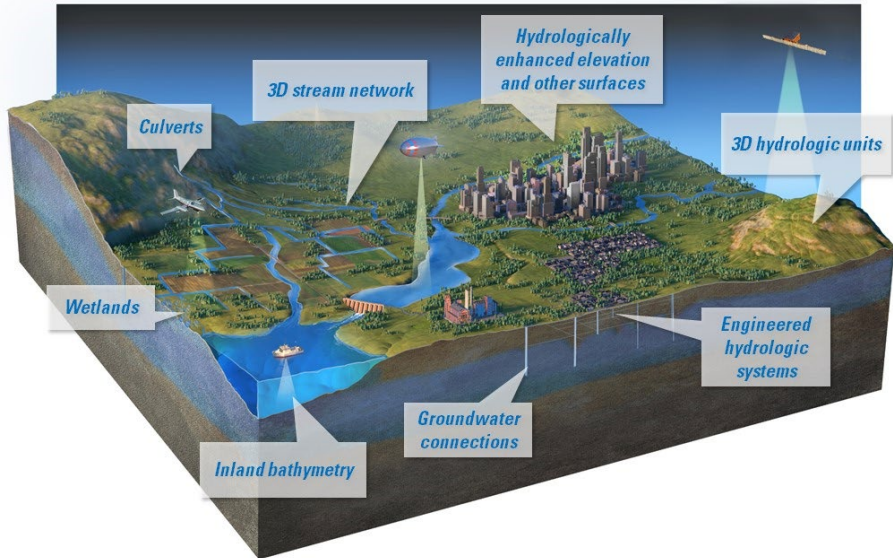
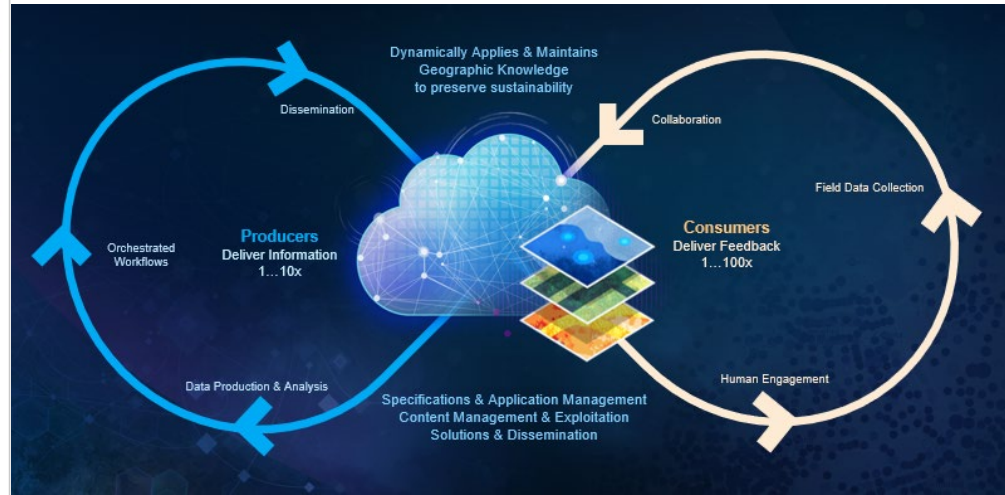
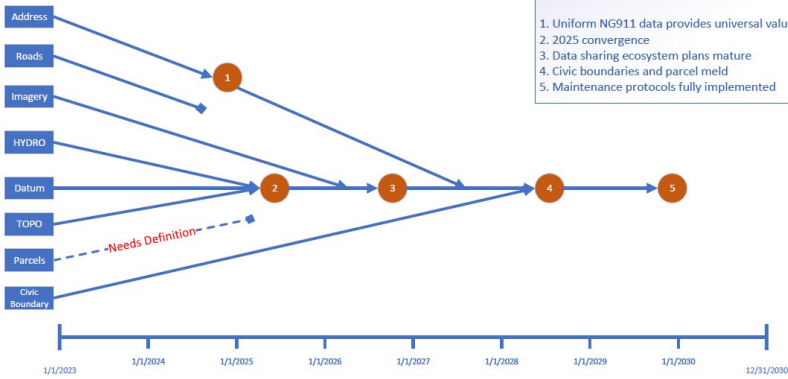
- Expand the messaging to other audiences
- Build the document repository

Base Map 2030


Basemap Integration Timeline

Notes:

1. Uniform NG911 data provides universal value
2. 2025 convergence
3. Data sharing ecosystem plans mature
4. Civic boundaries and parcel meld
5. Maintenance protocols fully implemented



NEW BUSINESS

- 
- **County Data Sharing brief**
 - Not mature enough for release/discussion today
 - Central to BaseMap success
 - Highlights reason for Communication Plan
 - **Topics for June 9 meeting**
 - 3DHP Story Map
 - SSAP Case Study
 - Reauthorization celebration or last push?

CALENDAR

PA GIS Conference

- April 10-12, 2024

Joint Task Force Meetings

- May 9, 2024

GeoBoard Quarterly

- June 13, 2024

Reserve dates for 3Q and 4Q?

LOCATION

Virtual Conference and 1 Technology Park-
Commonwealth Technology Center (CTC) , Harrisburg,
PA 17110

*Reminder: new business agenda topics are finalized
five (5) weeks prior to Board meetings.*



Motion to Adjourn