

Geospatial Data Strategy

General Services Administration

2021 – 2024

February 1, 2022



Geospatial Data Key Personnel and Datasets

Personnel	
Lead (Co-Leads):	Valerie Butler, Terry Forline
Covered Agency:	General Services Administration (GSA)
Executive Champion(s):	Christopher Giavis

GDA Datasets	
Inventory of Owned and Leased Properties	GSA-PBS

Executive Summary

The Federal Geographic Data Committee (FGDC) operates under Office of Management and Budget (OMB) Circular A-16 and the Geospatial Data Act (2018). It provides leadership for the National Spatial Data Infrastructure using a portfolio management approach, and oversight of national themes, or groupings, of spatial datasets in the Federal Government’s geospatial data inventory. The General Services Administration’s (GSA) geospatial dataset falls under the Real Property Theme which focuses on spatial representation of real property assets only and does not seek to describe special purpose functions of real property such as those found in the Cultural Resources, Transportation, or Utilities Themes.

The GSA Geospatial Strategy (Strategy) includes goals and supporting objectives that directly support the Geospatial Data Act of 2018 (GDA) and the National Spatial Data Infrastructure Strategic Plan (2021–2024). This Strategy was developed by the Office of Portfolio Management and Customer Engagement (PMACE) and the Geospatial Information Center of Excellence (GIS COE) with input from the Real Property Theme Lead.

The Strategy defines a path forward for making geospatial data, technologies, and services more widely available, well managed, and more useful to GSA, its partners, and the public. In particular, GSA will enhance the management and promote the use of its geospatial programs, leverage shared services (both within and outside the Agency), and continue to lead the national geospatial community by engaging with other sectors and users of its geospatial data and services.

The Strategy will be executed through the three interdependent goals outlined below:

1. Govern and manage geospatial data.
2. Advance the maturity of data and infrastructure managed by the GIS COE in support of GSA’s Geospatial Data Assets and geospatial program.
3. Foster a diverse GSA geospatial workforce to meet current and emerging needs

Goals, Objectives, Action Items and Anticipated Outcomes

The goals, objectives, action items and anticipated outcomes for GSA's geospatial datasets are described below.

Goal 1: Govern and manage GSA's Geospatial Data; ensure GSA's Geospatial Dataset is accurate, complete, available and current.

Objective 1.1: Implement structured repeatable approach to monitoring, reporting, fixing and maintaining accurate, complete, current and available content along with documented surveillance checks and appropriate accountability.

Anticipated Outcome: A consistently complete, accurate, available and current dataset.

Action 1.1.1: Establish an integrated project team with roles and responsibilities for delivering consistent, complete, accurate, available and current dataset.

Action 1.1.2: Develop and enact process improvement for monitoring, correcting and reporting GSA's geospatial dataset.

Action 1.1.3: Monitor success through regular quality assurance checks.

Objective 1.2: Engage GSA geospatial community in understanding the importance of delivering accurate, complete, available and current geospatial data and provide necessary tools to support their involvement.

Anticipated Outcome: Routinize geospatial data management within GSA workforce.

Action 1.2.1: Collaborate with GSA Data Governance to govern Geospatial Data and include Geospatial Data as an asset.

Action 1.2.2: Develop and implement geospatial communication plan for GSA.

Action 1.2.3: Identify and deliver tools and training to GSA user community in support of Goal.

Objective 1.3: Ensure accessibility of Geospatial Dataset for geospatial users.

Anticipated Outcome: GSA's Geospatial Datasets are easily obtainable and identified as such on the National *GeoPlatform* and *Data.gov*.

Action 1.3.1: Update GSA's Geospatial Dataset on the national *GeoPlatform* and *Data.gov*.

Action 1.3.2: Through collaboration with stakeholders, ensure that open government and transparency guidelines are followed in all lifecycle phases for GSA's Geospatial Dataset.

Goal 2: Advance the maturity of data and infrastructure managed by the GIS COE in support of GSA's Geospatial Data Assets and geospatial program.

Objective 2.1: Advance the GSA GIS COE's management of modern geospatial infrastructure.

Anticipated Outcome: GSA's geospatial infrastructure continues to evaluate and implement emerging tools and industry trends in meeting the needs and requirements of the GDA and GSA's geospatial efforts.

Action 2.1.1: Dedicate budget and resources to support GSA's geospatial program

Action 2.1.2: Partner with infrastructure support organizations to increase geospatial knowledge and skills.

Objective 2.2: Ensure Geospatial Data is integrated in GSA's Data Governance process.

Anticipated Outcome: Focused and standardized governance of GSA's Geospatial Data as an asset.

Action 2.2.1: Inclusion of GSA GIS COE representation on GSA Data Governance Boards.

Action 2.2.2: Implement Data Governance best practices to prevent duplication of efforts and repetition of work.

Action 2.2.3: Identify methods to develop and complete quality assurance processes for Data Governance of GSA Geospatial Data.

Goal 3: Foster a diverse GSA geospatial workforce to meet current and emerging needs.

Objective 3.1: Expand the adoption and use of geospatial data, information, tools, and technology.

Anticipated Outcome: GSA's workforce values uses GIS as part of their everyday operations.

Action 3.1.1: Identify current employees with geospatial skills and abilities.

Action 3.1.2: Establish new internal geospatial data standards to guide users.

Action 3.1.3: Engage GSA workforce by providing Forums, Training Sessions, one-on-one support, new tools, etc, to support their emerging efforts.

Action 3.1.4: Partner with workforce on GIS-related pilots, proof-of-concepts and exploratory endeavors.

Action 3.1.5: Create cadre of skilled geospatial managers throughout the organization to mentor and guide to new users as they become geospatially proficient.