

# Coalition of Geospatial Organizations (COGO)

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**The Coalition was initiated in 2008 by a half dozen professional organizations. It is now 13 professional organizations and trade associations representing over 170,000 geospatial practitioners**

## **MEMBER ORGANIZATIONS**

American Association for Geodetic Surveying  
American Society of Civil Engineers  
American Society for Photogrammetry and Remote Sensing  
Association of American Geographers  
Cartography and Geographic Information Society  
GIS Certification Institute  
International Association of Assessing Officers  
Management Association for Private Photogrammetric Surveyors  
National Society of Professional Surveyors  
National States Geographic Information Council  
University Consortium for Geographic Information Science  
United States Geospatial Intelligence Foundation  
Urban and Regional Information Systems Association

## **Advisory Organizations**

National Alliance for Public Safety GIS Foundation  
MidAmerica GIS Consortium  
Western Governors Association  
American Planning Association  
National Association of Counties  
National League of Cities  
National Emergency Number Association

# COGO NSDI Assessment

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COGO has published 3 assessments on the NSDI, in 2015, 2018, and recently in 2024

The NSDI Assessment serves as an objective evaluation of the condition of the nation's geospatial data infrastructure

Like other forms of public works, geospatial data infrastructure is essential for our economy, health, safety, and the activities of daily life.

# COGO NSDI Assessment

PROGRESS REPORT: National Spatial Data Infrastructure (NSDI) Summer 2024

Theme	Grade in 2015	Grade in 2018	Grade in 2024
ADDRESS DATA	N/A	B+	B
CADASTRAL DATA	D+	C-	C-
ELEVATION DATA	C+	B-	A-
GEODETIC CONTROL DATA	B+	A-	A-
GOVERNMENT UNITS DATA	C	A-	A-
HYDROGRAPHY DATA	C	B-	B-
ORTHOIMAGERY DATA	C+	B-	B
TRANSPORTATION DATA	D	C	C
OVERALL NSDI GRADE	C-	N/A	C-

# COGO NSDI Assessment

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## **NSDI Assessment Recommendations (2024, abbreviated)**

- Identify sufficient funding to meet future needs of NSDI for all Framework Data Themes
- Develop Strategic and Implementation Plans for each Framework Data Theme
- Develop partnership agreements with States, Tribal governments, and local governments to facilitate continuous exchange of data
- Work with the geospatial community to develop & implement a **national collaborative NSDI governance structure**

# National NSDI Governance

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## Collaborative Governance

“...the processes and structures of public policy decision making and management that engage people across the boundaries of public agencies, levels of government, and/ or the public, private, and civic spheres to carry out a public purpose that could not otherwise be accomplished.”

(Emerson, K., Nabatchi, T., Collaborative Governance Regimes, 2015)

The goal of national governance is to create a consistent approach to managing shared geospatial data resources and tools, thereby enhancing data quality, accessibility, and usability while minimizing duplication of effort.

(Vision 2035: Advancing Our National Spatial Data Infrastructure, FGDC, 2024)

**The NSDI is a collective investment.** Many organizations put time, effort, and budget into providing data to it and into building technical infrastructure and human capacity to support its use. Equitable, collaborative governance is needed to manage decisions about expected and required contributions to the NSDI.

(NSDI Future Governance Pilot Program, NGC & OGC, 2024)

# Public Private Partnerships

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Partnerships are the cornerstone of the NSDI.

Valuable geospatial information - essential for our improved understanding and decision making regarding social, economic, and environmental topics - is created and managed across all levels of government, as well as within the private sector, academia, and non-governmental organizations.

Encourage public and private sector organizations...to establish and advance P3s and other innovative partnerships to address high priority needs of the NSDI.

Design a recommended strategy for the creation of a national collaborative governance process to guide a more efficient investigation, prioritization, and implementation of P3s and other innovative partnerships to advance the NSDI.

*~ Public-Private Partnerships: Advancing the NSDI through P3s and Innovative Partnerships, 2020*