

National Geospatial Advisory Committee Nomination & Appointment Process



Webinar Briefing
Friday, August 2, 2019
1:00 – 2:00 pm EDT

Agenda

- **Welcome/NGAC Background** Ivan DeLoatch,
FGDC Executive Director
- **NGAC Activities** Keith Masback,
NGAC Chair
- **2019 NGAC Nominations/
Appointments Process** John Mahoney,
FGDC
- **Questions/Discussion** Group

FGDC Responsibilities

- Lead entity in the executive branch for the development, implementation, and review of policies, practices, and standards relating to geospatial data
- Develop & implement NSDI Strategic Plan
- Lead efforts to implement the Geospatial Data Act (GDA)
- Manage the Geospatial Platform – shared resources & services
- Oversee management of Federal geospatial resources – National Geospatial Data Assets (NGDAs)
- Review & endorse geospatial standards
- Identify best practices for contributing, collecting, and using geospatial data - metadata, standards, collaboration

Geospatial Data Act of 2018

- ❖ [Geospatial Data Act](#) signed/enacted October 5, 2018
- ❖ Codifies FGDC roles/responsibilities
- ❖ Defines FGDC Steering Committee roles/responsibilities
 - Agency Steering Committee members to be at “assistant secretary, or an equivalent position, or a higher ranking position”
- ❖ Codifies National Geospatial Advisory Committee
- ❖ Establishes requirements for:
 - National Spatial Data Infrastructure & NSDI strategic plan
 - National Geospatial Data Asset (NGDA) Data Themes
 - Geospatial Data Standards
 - GeoPlatform
 - Covered agency planning and reporting requirements

National Geospatial Advisory Committee

- ❖ Initially established in 2008 under Federal Advisory Committee Act (FACA), statutorily authorized in 2018 through Geospatial Data Act
- ❖ Balanced membership:
 - Members from non-governmental organizations (private sector, non-profits, academia)
 - Members from governmental organizations (federal, state, local, county, tribal, regional)
- ❖ Provides advice & recommendations on national geospatial policy issues to FGDC.



NGAC Responsibilities

The duties of the NGAC are described in the Geospatial Data Act:

“The Advisory Committee shall:

- Provide advice and recommendations relating to:
 - Management of Federal and national geospatial programs;
 - Development of the National Spatial Data Infrastructure; and
 - Implementation of the Geospatial Data Act;
- Review and comment on geospatial policy and management issues; and
- Ensure the views of representatives of non-Federal interested parties involved in national geospatial activities are conveyed to the Committee.”

NGAC Membership – August 2019

Mr. Keith Masback (Chair)

U.S. Geospatial Intelligence Foundation

Mr. Mark Reichardt (Vice-Chair)

Open Geospatial Consortium

Mr. Frank Avila

National Geospatial-Intelligence Agency

Dr. Sarah Battersby

Tableau Software

Mr. Byron Bluehorse

University of Alaska Fairbanks

Mr. Gar Clarke

State of New Mexico

Mr. Gareth Couch

National Tribal GIS Center

Ms. Patricia Cummins

ESRI

Mr. Mike Hussey

State of Utah

Mr. Xavier Irias

East Bay Municipal Utility District

Mr. Sanjay Kumar

World Geospatial Industry Council

Mr. Tony LaVoi

NOAA

Ms. Roberta Lenczowski

Roberta E. Lenczowski Consulting, LLC

Mr. Kevin Pomfret

Centre for Spatial Law and Policy

Ms. Amber Reynolds

City of Lawrence, KS

Mr. Cy Smith

State of Oregon

Ms. Rebecca Somers

Somers-St. Claire GIS Consultants

Ms. Jennie Stapp

State of Montana

Ms. Christine Stinchcomb

Paulding County, GA

Ms. Julie Sweetkind-Singer

Stanford University

Mr. Gary Thompson

State of North Carolina

Dr. Harvey Thorleifson

Minnesota Geological Survey

Mr. Jason Warzinik

Boone County Fire District, MO

Dr. May Yuan

University of Texas – Dallas

Ivan DeLoatch (FGDC), Designated Federal Officer

NGAC Operations

- Sponsored by Interior Department – administrative support provided by FGDC Secretariat
- Meets 3-4 times per year
- Public meetings – including opportunities for public comment/input
- Subcommittees meet between committee meetings to develop materials for consideration by full committee
- More information, including all meeting minutes and materials, posted at: www.fgdc.gov/ngac

NGAC Activities

NGAC Activities

The NGAC engages in multiple activities, including:

- Developing papers/products addressing FGDC guidance topics
- Providing feedback on initiatives and management issues
- Providing advice and recommendations on Federal geospatial programs
- Conducting sessions to educate the geospatial community on emerging topics
- Discussing collaborative approaches to cross-sector and intergovernmental issues

NGAC Papers/Products on Current Topics



GEOSPATIAL INFORMATION:
The Key to Smart Infrastructure Investments
A Paper of the National Geospatial Advisory Committee

Introduction
As the Nation begins prioritizing infrastructure renewal, accurate and reliable information of myriad types will help ensure that scarce dollars are spent in the most efficient and effective manner possible. Geospatial information and technologies facilitate awareness and understanding of the precise location of every facet of our Nation's infrastructure – from underground to airborne. These resources are critical to the infrastructure renewal effort. Fortunately, tremendous advances in geospatial technologies, many driven in the commercial sector, have made these tools far more powerful, accessible, and useable. Knowing where features are located and how they relate to one another, including critical dependencies, is a required first step to making good decisions about infrastructure investments.

Utilization of public and private expenditures on infrastructure development is currently inefficient. For example, the current practice for the construction of roadways is often poorly coordinated among affiliated infrastructure operators. The result is often a newly paved road torn apart multiple times for the installation and/or repair of sewer, water, gas, cable, and electric systems. Holistically prioritizing, planning, and executing such infrastructure projects is a best practice for avoiding such waste. Use of geospatial technologies, such as intelligent maps, are the key to efficiently prioritizing, planning, and executing related infrastructure projects and optimizing public and private investments. Intelligent maps contain detailed information about current and planned infrastructure improvements, such as pothole locations coupled with traffic flow, pavement type, etc. These maps can be digitally shared across sectors to improve infrastructure project planning and operations. Intelligent maps are just one example of the many geospatial technologies that can effectively inform infrastructure renewal.

This paper highlights the crucial role of geospatial technologies in support of infrastructure planning and development and suggests approaches to maximize return on investment.

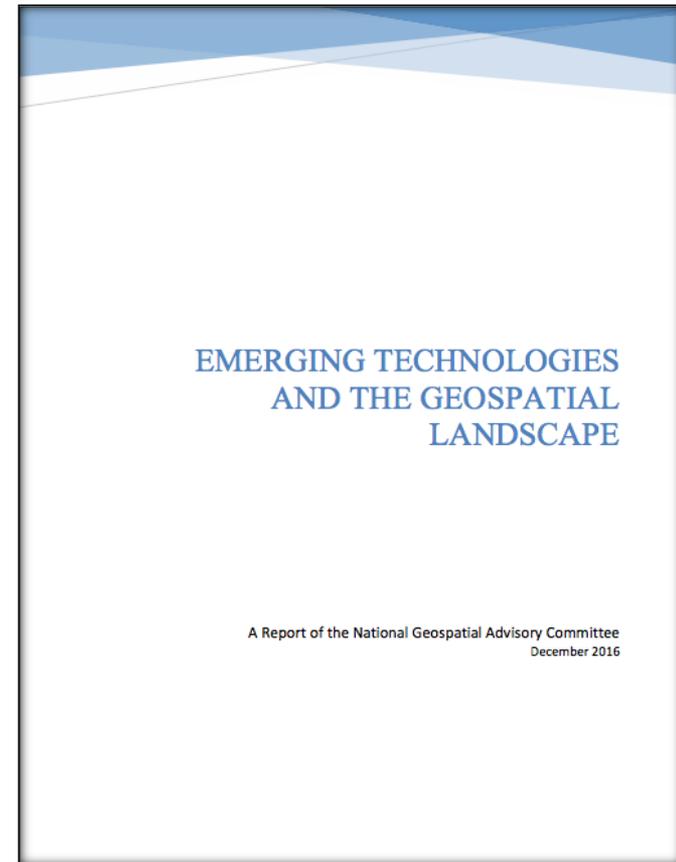
The Problem
Our rapidly aging infrastructure is already creating safety hazards and diminished quality of life, heightening vulnerability to natural disasters, and impairing economic growth. Renewal of our infrastructure is a national imperative and requires cooperative and coordinated action by the private sector and all levels of government.

Prioritizing the allocation and expenditure of limited funds requires smart, timely, data-driven, and efficient investments to ensure that the many elements involved work in a coordinated fashion. Such investments must account for society's current and future needs, using a sustainable approach. Economic factors such as job creation and innovation are important downstream benefit considerations which must be part of the construction and rehabilitation process.

The Opportunity
Renewal of infrastructure throughout the Nation presents a historic opportunity. Collaboration across infrastructure sectors provides a unique possibility to shape infrastructure that meets future needs. The effective use of technology to create "smart cities" through thoughtful and coordinated infrastructure planning of mass transit, low-impact development, and public spaces that help build resilient communities will significantly reduce expenditures while improving quality of life. Geospatial technologies are vital to effective management of infrastructure assets over their entire lifecycle (design, construction, operation, and maintenance).

National Geospatial Advisory Committee (www.fgdc.gov/ngac) - December 2017

Geospatial Information & Infrastructure

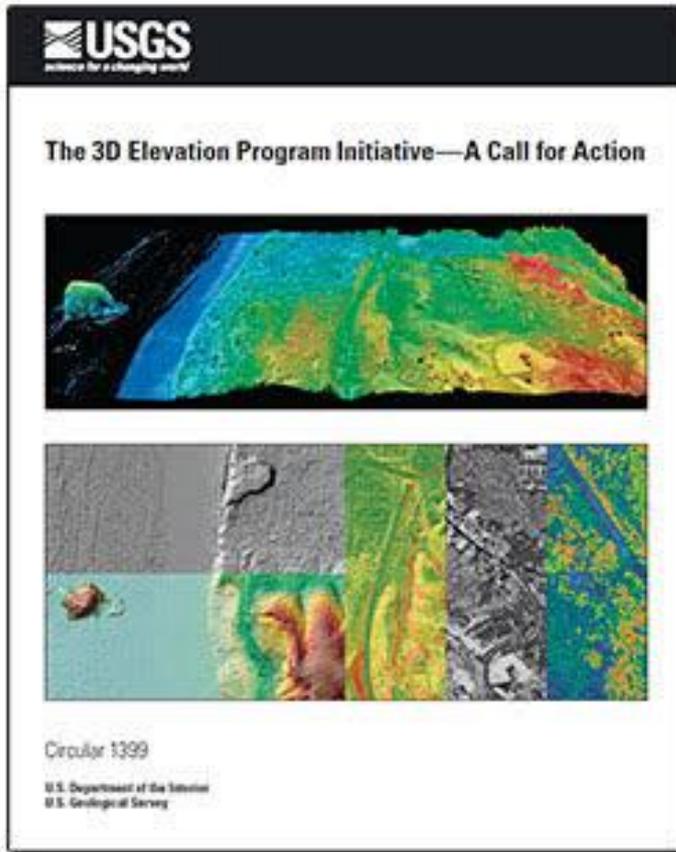


**EMERGING TECHNOLOGIES
AND THE GEOSPATIAL
LANDSCAPE**

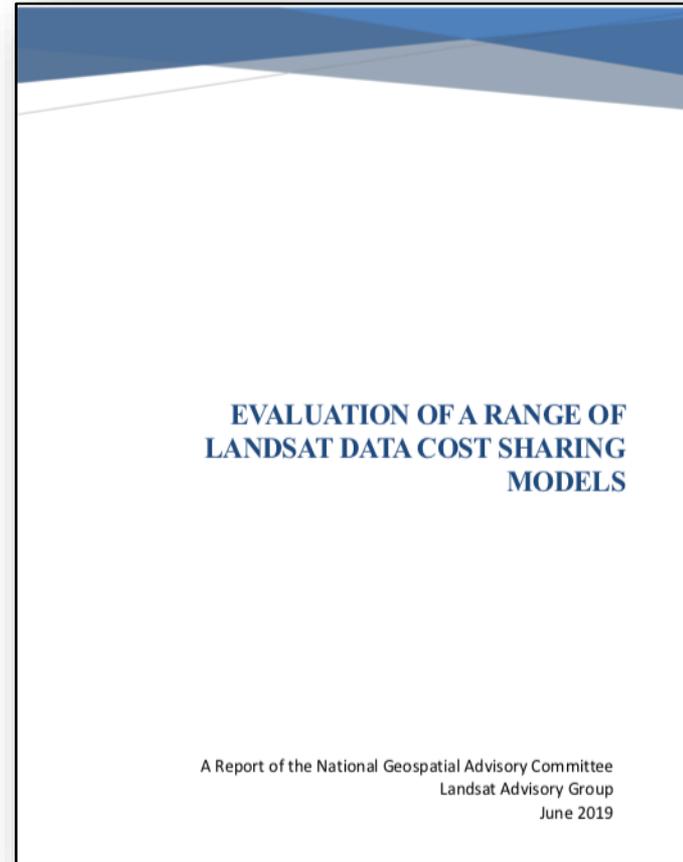
A Report of the National Geospatial Advisory Committee
December 2016

Emerging Technologies

Advice on Federal Programs

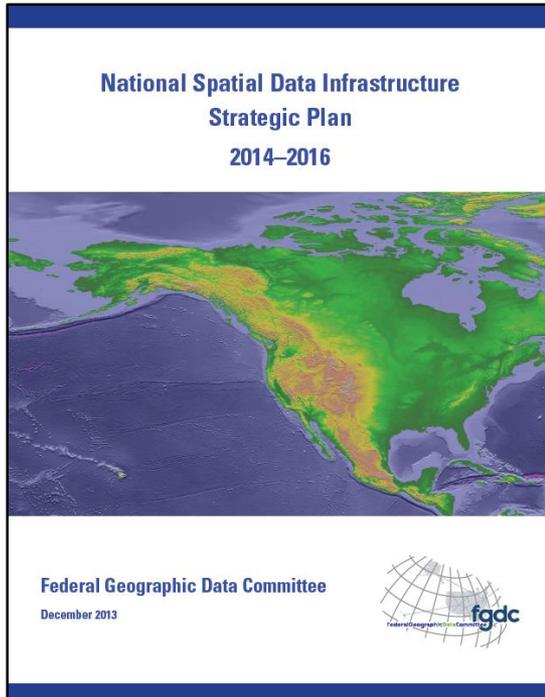


3D Elevation Program

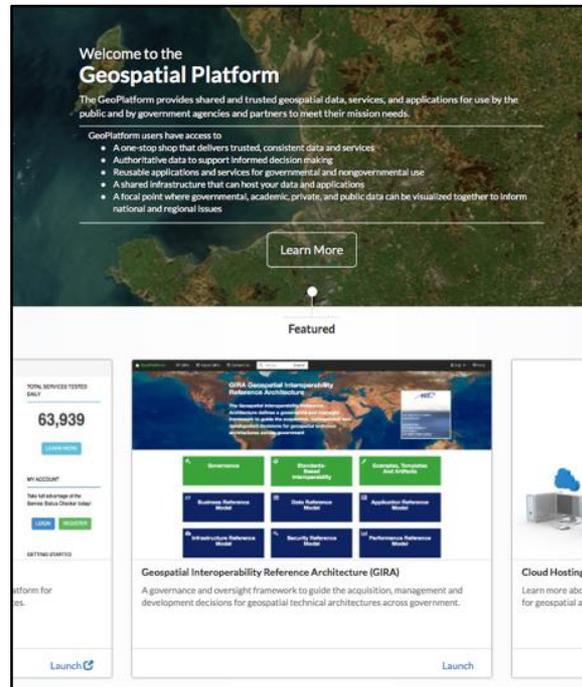


Landsat Program

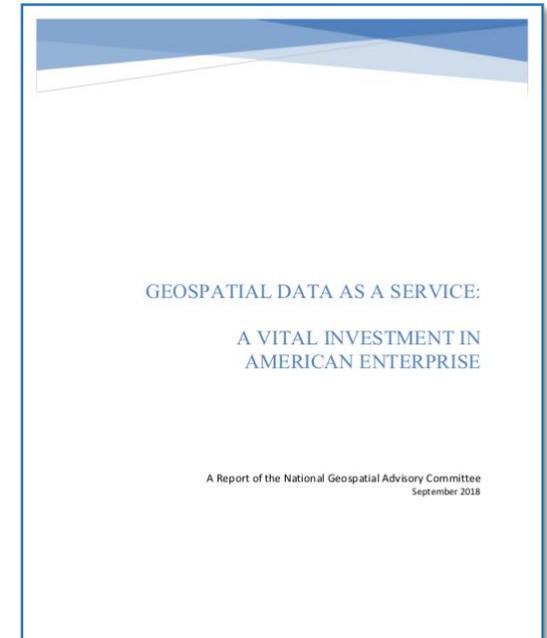
Input on Key Initiatives



NSDI Strategic Plan



Geospatial Platform



Geospatial Data As A Service

Spotlight Sessions

Panel discussions highlighting key geospatial policy issues and exploring possible roles for FGDC/NGAC

Past Spotlight Sessions:

- Data Sharing
- Workforce Development
- Geospatial Privacy
- Crowdsourced Data
- Emerging Technologies
- Data as a Service
- Partnerships
- Geospatial Data Act



Current NGAC Subcommittee Activities

NGAC Operations

- ❖ **Task:** Provide recommendations to align NGAC operations and procedures with GDA requirements.

Cultural & Historical Geospatial Resources

- ❖ **Task:** Provide advice and feedback on policies and procedures to protect geospatial data assets that have cultural and historical significance.

Landsat Advisory Group

- ❖ **Task:** Provide continuing advice on operations and management of Landsat program.

Public-Private Partnerships

- ❖ **Task:** Provide advice and recommendations to promote and build successful public-private partnerships to accelerate the development of the NSDI.

Upcoming Activities

NGAC Subcommittees:

- Developing products/papers to address FGDC guidance to the NGAC

Next NGAC Meetings:

- September 4-5, 2019 (National Conservation Training Center, Shepherdstown, WV)
- December 4-5, 2019 (Washington, DC)

2019 Nominations/ Appointments Process



NGAC Nominations

- Call for Nominations issued on July 24, 2019
- Nominations due **August 27, 2019**
- Nominations received through this Call for Nominations may be used to fill vacancies that will become available in 2019 and 2020.
- Nominations will be evaluated by interagency review panel
- Appointments to the NGAC are made by the Secretary of the Interior
- Next appointments – December 2019

NGAC Appointments

- NGAC members are selected to generally achieve a balanced representation of viewpoints of the various stakeholders in the national geospatial community.
- Selection of members includes consideration of geographic balance.
- NGAC members serve staggered terms to promote continuity.
- Appointments are for 3 year terms, and members may not serve more than 2 consecutive terms.
- Any vacancies will be filled in the same manner in which the initial appointments were made.

Nomination Requirements

- Nominations may come from employers, associations, professional organizations, or other geospatial organizations.
- Nominations should include a resume providing an adequate description of the nominee's qualifications, including information that would enable the Department of the Interior to make an informed decision regarding meeting the membership requirements of the Committee and permit the Department of the Interior to contact a potential member.
- Nominees are strongly encouraged to include supporting letters from constituents, trade associations, alliances, and/or other organizations that indicate the support by a meaningful constituency for the nominee.
- Additional information about the nomination process is available on the NGAC website at www.fgdc.gov/ngac

NGAC Appointments Status

Current Members
(Terms expire December 2019)

Current Members
(Terms expire December 2021)

** Completing second consecutive term on the NGAC in December 2019. Per NGAC Charter, cannot be appointed to third consecutive term.*

August 2019

Non-Governmental	Governmental
<u>Private Sector</u> Pat Cummins* Roberta Lenczowski Kevin Pomfret* Rebecca Somers Sarah Battersby Sanjay Kumar	<u>State</u> Gar Clarke Cy Smith Jennie Stapp Harvey Thorleifson* Mike Hussey Gary Thompson
	<u>County</u> Jason Warzinik* Christine Stinchcomb
<u>Academia</u> Julie Sweetkind-Singer* May Yuan	<u>Federal</u> Frank Avila Tony LaVoi
	<u>Regional</u> Xavier Irias
<u>Non-Profit</u> Keith Masback* Mark Reichardt	<u>City/Municipal</u> Amber Reynolds
	<u>Tribal</u> Garet Couch Byron Bluehorse



2019 NGAC Appointments Timeline

Date	Action
May/June/July, ongoing	Outreach to partners about nominations/appointments
July 24	Call for Nominations issued
August 2	Informational Webinar – provide information to stakeholder/partner organizations, interested parties
August 27	Nominations due
September/October	Review Panel – evaluation of nominations
October	Appointments package submitted to Office of Secretary of Interior
October-December	Appointments reviewed & approved
Dec. 31, 2019 (est.)	New appointments take effect

Note – Nominations received through this Call for Nominations may be used to fill vacancies that will become available in 2019 and 2020.

Additional information is posted at: www.fgdc.gov/ngac

Draft Review Panel Criteria

General Criteria:

- Committee membership should reflect a balanced representation of the viewpoints of the various interests involved in national geospatial activities and the development of the NSDI
- Committee membership should reflect diversity, geographic balance, and experience with multiple sectors of the geospatial community

Specific Criteria:

- Members should effectively represent a constituency or community of interest
- Members should have a record of significant accomplishment and be recognized and respected within their fields
- Members should be able to speak authoritatively on geospatial matters and communicate complex issues to a broad audience in a simple manner
- Members should have a collaborative, consensus-building approach

QUESTIONS?

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