FGDC Current Activities

National Geospatial Advisory Committee
March 21, 2017

Ivan DeLoatch

Executive Director

Federal Geographic Data Committee

Topics:

❖ FGDC Leadership Changes

❖ Overview of Administration Transition Activities

❖ NSDI Strategic Framework and Planning Update

❖ Recent and Upcoming FGDC Engagement Events

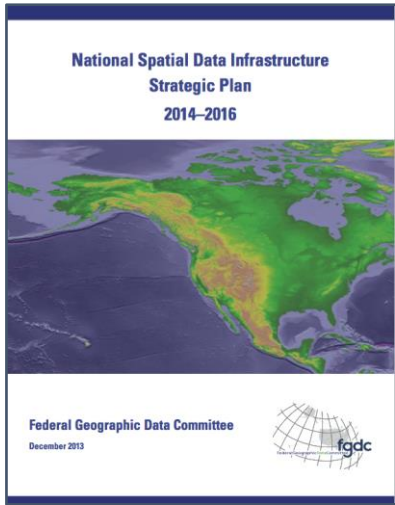❖ 2017 Doug D. Nebert Award Nominations

❖ FGDC 2016 Annual Report

FGDC Leadership Changes

❖ Acting FGDC Chair – Kerry Rae, DOI Acting Principal Deputy Assistant Secretary for Water & Science

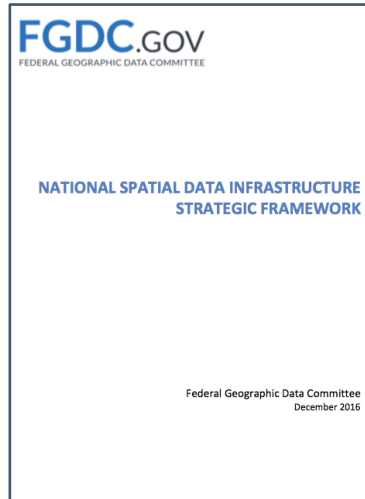❖ Tod Dabolt, DOI GIO – New Chair of the Homeland Infrastructure Foundation-Level Database (HIFLD) subcommittee

Overview of Administration Transition Activities

❖ DOI landing team requested briefing on the FGDC and on OMB Circular A-16 Supplemental Guidance progress (geospatial portfolio management)

- ❖ Current, recent, and planned activities covered, FGDC and NGAC activities
- ❖ Transition documents shared
- ❖ Follow-up briefings on FGDC and GeoPlatform requested and held

❖ Transition papers shared with DOI landing team www.fgdc.gov/ngac/2017transition

- ❖ FGDC Transition Paper and DHS Transition paper on Geospatial Information Infrastructure and GeoPlatform

- ❖ NGAC Transition Paper

- ❖ NGAC Transition Infographic

❖ Recommendation: FGDC agencies should develop a common Government Performance and Results Act (GPRA) geospatial coordination and development goal

- ❖ GPRA is designed to improve government performance management

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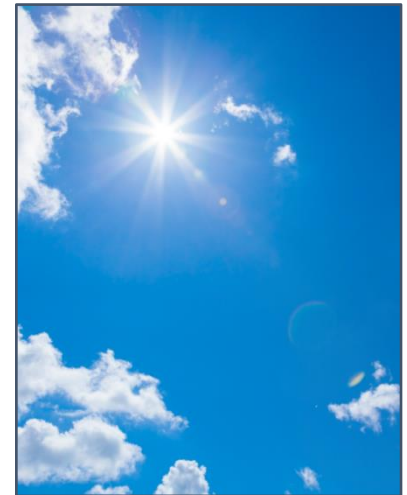
NSDI Strategic Planning

**2014-2016
NSDI Strategic Plan**

**2016-2017
NSDI Strategic Framework**

Transitional Plan

**2017-20XX
NSDI Strategic Plan**

**Next Full Strategic Plan
(to be completed in 2017)**

NSDI Strategic Framework – Current Status

- Strategic Framework approved by Steering Committee – December 2016

- Strategic Framework endorsed by NGAC – December 2016

- Final Plan posted at:https://www.fgdc.gov/nsdi-plan/2017/nsdi-strategic-framework.pdf

U.S. Geospatial Economic Impact

$73 billion
The U.S. geospatial services industry is a $73 billion business.[2]
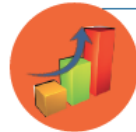
500,000 jobs
The U.S. geospatial industry employs at least 500,000 people in 'high wage' geo-related jobs.[2]

$1.6 trillion
Geospatial services companies drive $1.6 trillion in revenue and $1.4 trillion in cost savings throughout the U.S. economy.[2]

$690 million
Economic benefit of 3D elevation data in the U.S. is conservatively estimated at $690 million per year.[1]

65%
The majority of records in the nation's open data catalog are geospatial.[3]

10%
Economic impact of geospatial services in marketing, logistics, and strategic decision-making will grow by at least 10% over the next five years.[2]

[1] USGS, 2012
[2] Boston Consulting Group, 2012
[3] Data.gov, 2016

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NSDI Strategic Framework – Key Elements

Key Federal Responsibilities

- **Goal 1** – Expand the Geospatial Platform

- **Goal 2** – Enhance the Management of Federal Geospatial Assets

- **Goal 3** – Update the National Geospatial Policy Framework

Partnership Opportunities

- **Strategy 1** – Focus on National Priority Data Initiatives

- **Strategy 2** – Rebrand the NSDI to Broaden Awareness and Understanding of Geospatial Community Issues

- **Strategy 3** – Address Emerging Topics

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Interim Implementation Approach

2017 FGDC Strategic Activities:

- Develop high-level work plan identifying priorities and deliverables for 2017 – building on the goals and strategies identified in the NSDI Strategic Framework.

NSDI Strategic Plan:

- Engage with Administration in 2017 to refine the framework and develop final version of NSDI Strategic Plan.

- Concurrently develop more detailed implementation strategy for new NSDI Strategic Plan.

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Recent FGDC Engagement Events

- ❖ Esri Federal GIS Conference
  - ❖ FGDC session on National Geospatial Data Assets (NGDAs), Portfolio Management, Geospatial Platform

- ❖ National State Geographic Information Council (NSGIC) Mid-year meeting

- ❖ Coalition of Geospatial Organizations (COGO)
  - ❖ Working with FGDC to align the COGO NSDI report card with the NGDA Lifecycle Management Assessments

- ❖ MAPPS Winter Conference (association of photogrammetric, mapping, and geospatial firms)
  - ❖ Provided an update on national parcels actions

- ❖ Artic Spatial Data (SDI)Pilot Demonstration
  - ❖ OGC, USGS, Natural Resources Canada – demonstrate the value of standardized spatial data infrastructures in the Artic

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Upcoming FGDC Engagement Events

❖ 2017 ISO Metadata Summit – www.fgdc.gov

    ❖ Improve geospatial data and services discovery and use for federal and non-federal NSDI stakeholders and users

FGDC API Concept Development Study

Background: FGDC is sponsoring an API Concept Development Study through OGC to support long-term planning. The explosive growth, anticipated need and accelerated expansion of API's in the geospatial community offers new opportunities and challenges.

Purpose: The study will be to determine how API providers and data consumers can improve APIs in order to:

- Examine how APIs are used effectively to exchange geospatial information

- Identify where the proliferation of API diversity has impacted interoperability

- Support planning for increased use of protocols to enhance interoperability

- Suggest consensus activities that would improve the geospatial API ecosystem

Outcome: The study will provide an in-depth understanding of all the components necessary to enable increased coordination and effectiveness of APIs as applied to geospatial information.

FGDC API Concept Development Study

Schedule

- Request for Information: March 7 - March 31, 2017

- Analysis of responses: April 1 - May 10, 2017

- API Plugfest: May 15, 2017 By Invitation Only

- API Workshop: May 16, 2017

- Publish report: June 2017

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2017 Doug D. Nebert NSDI Champion of the Year Award Nominations

❖ FGDC is now accepting nominations for the Doug D. Nebert National Spatial Data Infrastructure (NSDI) Champion of the Year Award.

- Details and nomination process are posted on the FGDC Web site at https://www.fgdc.gov/nebertaward

❖ Will recognize individual or team representing Federal, State, Tribal, regional, and (or) local governments, academia, or nonprofit and professional organizations that has developed an outstanding, innovative and operational tool, application, or service capability used by multiple organizations

❖ Nominations will be accepted until May 5, 2017

❖ Questions: Contact Lucia Foulkes (lfoulkes@usgs.gov)

FGDC 2016 Annual Report

❖ The FGDC 2016 Annual Report is available for downloading both high-resolution and low-resolution digital (.pdf) file formats https://www.fgdc.gov/resources/whitepapers-reports/annual%20reports/2016

❖ **Printed copies are here!** To request a printed version contact Lucia Foulkes at lfoulkes@usgs.gov

Questions?