FGDC Steering Committee Presentation

March 12, 2020
<table>
<thead>
<tr>
<th>Time</th>
<th>Agenda Item</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00</td>
<td>Welcome/Introductions</td>
<td>Tim Petty (DOI), James Wolff (OMB)</td>
</tr>
<tr>
<td>10:05</td>
<td>Council of the Inspectors General on Integrity and Efficiency (CIGIE) - GDA Audit</td>
<td>Corey Bidne (USDA OIG)</td>
</tr>
<tr>
<td>10:30</td>
<td>- GDA Roadmap</td>
<td>Tony LaVoi (DOC)</td>
</tr>
<tr>
<td></td>
<td>- GDA Report to Congress</td>
<td>Ivan DeLoatch (FGDC)</td>
</tr>
<tr>
<td></td>
<td>- NSDI Strategic Plan</td>
<td>Carrie Stokes (USAID)</td>
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<tr>
<td></td>
<td>- GDA Budget Initiative</td>
<td>Harvey Simon (EPA)</td>
</tr>
<tr>
<td>11:10</td>
<td>Geospatial Platform</td>
<td>Tod Dabolt (DOI)</td>
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<tr>
<td>11:30</td>
<td>Federal Data Strategy Actions and Pilot</td>
<td>Ken Shaffer (FGDC)</td>
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<tr>
<td>11:50</td>
<td>Wrap-up</td>
<td>Tim Petty (DOI)</td>
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<tr>
<td>12:00</td>
<td>Adjourn</td>
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</table>
Welcome and Introductions

• Introductions

• Review of meeting objectives
  Tim Petty (DOI)

• Update on A-16 Revision and Federal Data Strategy
  James Wolff (OMB)
Geospatial Data Act
Mandatory Audit Requirements

CIGIE Geospatial Data Act Working Group
March 12, 2020

Corey Bidne CPA, CFE, CISA; Assistant Director, USDA OIG
Dr. Brett Baker CPA, CISA, Assistant Inspector General for Audit, NRC OIG
Tammy Whitcomb CPA, CIA, CISA, Inspector General, USPS OIG
Inspectors General

- Inspectors General Act of 1978, as amended
  - Originally 12 IGs, now 74
  - Promote economy and efficiency
  - Prevent and detect fraud, waste, and abuse
  - Keep agency heads and Congress fully informed
- Ensure programs working and funds used properly
- Investigate allegations of wrongdoing
- Operate a fraud hotline
Council of the Inspectors General on Integrity and Efficiency (CIGIE)

- **Mission**
  - Address integrity, economy, and effectiveness of Federal agencies
  - Establish policies and standards to increase effectiveness of OIG offices

- **Members: Inspectors Generals (per IG Act)**
  - Executive Chair: OMB Deputy Director (Management)
  - Council Chair: Member elected IG (serves for 2 years)
  - Standing committees:
    - Audit, Investigations, Legislative, Professional Development
    - Inspections/Evaluation, Integrity, Technology

- CIGIE facilitates Inspector General collaboration
CIGIE GDA Working Group

Goals

- Develop and document a consensus on how affected IGs can approach the audit requirements of the Geospatial Data Act
- Identify an approach whereby IGs could provide value added feedback to their covered agencies, similar to the DATA Act Readiness Reviews
DATA Act v. GDA

- The Digital Accountability and Transparency Act (DATA Act) of 2014 (All IGs)
  - Included mandated audit requirements
  - Verbiage of the Act introduced challenges to completing the initial audits
  - CIGIE convened a group to develop and recommend an approach to meet the audit requirements

- The Geospatial Data Act (19 IGs)
  - IGs expressed perceived challenges with meeting the inaugural Geospatial Data Act Audit requirements
  - Working group was formed to identify a consistent approach that would benefit the Covered Agencies and fulfill the mandatory audit requirements, similar to the DATA Act
Audit Deadline

- Geospatial Data Act signed into law on October 5, 2018
- Inaugural IG audits due October 4, 2020 in final form
GDA Section 759(c) - Audit Requirements

- Not less than once every 2 years, the inspector general of a covered agency shall submit to Congress an audit of the collection, production, acquisition, maintenance, distribution, use, and preservation of geospatial data by the covered agency, which shall include a review of—
  
  1. the compliance of the covered agency with the standards for geospatial data, including metadata for geospatial data, established under section 757;
  2. the compliance of the covered agency with the requirements under subsection (a); and
  3. the compliance of the covered agency on the limitation on the use of Federal funds under section 759A.
Examples of Audit Challenges Identified

- The working group did not identify an explicit linkage between the standards to be established under section 757 and the existing body of standards.

- The inaugural audit falls within the Geospatial Data Act implementation timeframe (FGDC GDA Fact Sheet, May 2019).

**Approach**

The FGDC community is leading efforts to mobilize for implementation of the GDA.

<table>
<thead>
<tr>
<th>Key Activities</th>
<th>Timeframe</th>
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<tbody>
<tr>
<td>Conduct initial analysis</td>
<td>FY 2019 Q1</td>
</tr>
<tr>
<td>Identify key issues &amp; clarify requirements</td>
<td>FY 2019 Q2/Q3</td>
</tr>
<tr>
<td>Mobilize for implementation: develop implementation roadmap</td>
<td>FY 2019 Q3/Q4</td>
</tr>
<tr>
<td>Issue OMB guidance</td>
<td>FY 2020 Q1</td>
</tr>
<tr>
<td>Initiate GDA implementation strategy &amp; Develop NSDI strategic plan</td>
<td>FY 2020 - 2021</td>
</tr>
</tbody>
</table>

- FGDC Tiger Teams seeks guidance on if GDA applies to all Federal geospatial data or just NGDAs (GDA Tiger Team Summary Meeting Notes November 2018).
CIGIE GDA Working Group Recommended Approach

- Recommending IGs review the Covered Agency’s progress toward compliance with the Geospatial Data Act
  - Covered Agency IGs will focus efforts on the 13 covered agency responsibilities outlined in section 759(a) of the Act
  - Based on the geospatial landscape at each respective IG; the audit team can add or subtract audit procedures if determined necessary
- The working group determined this would be the best approach to
  - Meeting the mandatory audit requirement; and
  - Providing value added feedback to each respective Covered Agency regarding Geospatial Data Act compliance
Conclusion and Questions

In Conclusion

- The GDA includes a bi-annual mandatory audit requirement
- The IG community identified perceived challenges with conducting the inaugural audits
- A CIGIE working group was formed and recommended that IGs conduct an audit of the Covered Agency’s progress toward compliance with the Geospatial Data Act, focusing on the 13 Covered Agency responsibilities under section 759(a)
  - Based on the professional judgement of each respective IG; the IG can chose to add or reduce the scope of audit testing to meet the mandatory audit requirement

Questions?
Geospatial Data Act Update
Geospatial Data Act Update

Topics:

• GDA Roadmap – Tony LaVoi, SAOGI, DOC

• Planning for 2020 GDA Report to Congress – Ivan DeLoatch, FGDC, Executive Director

• Development of NSDI Strategic Plan – John Mahoney, FGDC

• GDA Budget Initiative – Harvey Simon, SAOGI, EPA
Questions for consideration

• What does the GDA Roadmap contain and why is it necessary?

• How was the GDA Roadmap developed and how will it be maintained?

• What resource gaps exist and how can my agency support the GDA Roadmap activities?
Why is the Roadmap necessary?

The GDA provides considerable opportunities for the Federal geospatial community and considerable requirements for planning, reporting, and performance

- Agencies need a guidebook: OMB Circular A-16 (when revised) will provide the ‘what’ but not the ‘how’

- The Roadmap sets expectations for compliance: it identifies opportunities and requirements for standardizing responses (e.g. templates for Covered Agency reporting requirements)

- Serves as a high-level project management tool as well as a communication resource

- Identifies tasks that are on track, behind schedule, or experiencing roadblocks
How was the Roadmap developed?

- Geospatial excels as an integrating technology, and the Federal geospatial community used an integrative process to collaborate on GDA compliance planning

- “Whole-of-FGDC” approach to developing the Roadmap
  - Multiagency working group meets weekly
  - Includes Covered Agencies and others (e.g., DoD and NGA)

- Shared ownership and shared leadership for tasks/sub-tasks; collaborative approach to interpretation

- Agile development: Roadmap will evolve over time as guidance from OMB and CIGIE inform GDA compliance guidance

- Important caveats: 1) The multiagency working group is not a dedicated PMO; 2) the Roadmap is not an integrated project plan
What is in the Roadmap?

- Tasks selected based on:
  - Importance to GDA compliance success
  - Visibility and impact (relevant to all GDA Covered Agencies)
  - Establish a baseline of agency performance

- Tasks grouped into four bins:
  - Administration and Governance
  - Planning
  - Reporting and Audits
  - Communications and External Engagement

<table>
<thead>
<tr>
<th>TASK</th>
<th>STATUS</th>
<th>FY 2020</th>
<th>FY 2021</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Q1  Q2</td>
<td>Q3  Q4</td>
</tr>
<tr>
<td><strong>Administration and Governance</strong></td>
<td>1. Develop FY 2020/2021 GDA Roadmap</td>
<td>On schedule</td>
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<tr>
<td></td>
<td>2. Issue Revised OMB Circular A-16</td>
<td>Behind schedule</td>
<td></td>
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<tr>
<td></td>
<td>3. Revise FGDC Governance Structure</td>
<td>In progress</td>
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<td></td>
<td>4. Define NGDC Role and Processes</td>
<td>In progress</td>
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<tr>
<td></td>
<td>5. Develop GDA Budget Recommendations</td>
<td>Behind schedule</td>
<td></td>
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<tr>
<td><strong>Planning</strong></td>
<td>6. Develop Revised NSDI Strategic Plan</td>
<td>On schedule</td>
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<tr>
<td></td>
<td>7. Implement FDS Action Plan FY19-20 FGDC Actions</td>
<td>Pending</td>
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<td></td>
<td>8. Execute FDS Pilot – GDA Federal Investments and Incentives Assessment</td>
<td>Pending</td>
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<tr>
<td><strong>Reporting and Audits</strong></td>
<td>9. Complete FY 20 Agency Reporting Requirements</td>
<td>In planning</td>
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<td></td>
<td>10. Develop FY 20 FGDC Annual Report &amp; FGDC Report to Congress</td>
<td>In planning</td>
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<td></td>
<td>11. Complete GeoPlatform Planning and Reporting</td>
<td>In progress</td>
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<td></td>
<td>12. Support Covered Agency IG Audits</td>
<td>In progress</td>
<td></td>
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<tr>
<td><strong>Communications and External Engagement</strong></td>
<td>13. Develop/Execute GDA Communications Strategy</td>
<td>In progress</td>
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</tbody>
</table>
## What is in the Roadmap?

### Administration and Governance

| 1. Develop FY 2020/2021 Roadmap |
| 2. Issue Revised OMB Circular A-16 |
| 3. Revise FGDC Governance Structure |
| 4. Define NGAC Role and Processes |
| 5. Develop GDA Budget Recommendation |

### Planning

| 6. Develop Revised NSDI Strategic Plan |
| 7. Implement FDS Action Plan |
| 8. Execute FDS Pilot – GDA Federal Investments and Incentives Assessment |

### Reporting and Audits

| 9. Complete FY20 Agency Reporting Requirements |
| 11. Complete GeoPlatform Planning and Reporting |
| 12. Support Covered Agency IG Audits |

### Communications and Federal Engagement

| 13. Develop/Execute GDA Communications Strategy |
How can my agency assist?

- Current GDA Roadmap is NOT sufficiently resourced to be successful
  - Need more GDA Covered Agencies to lead specific tasks – SAOGI Champions
  - Seeking additional agency staff to participate in Roadmap development and task teams – subject matter expertise, project management, and communications
  - Funding a GDA Program Management Office (PMO) would provide consistent leadership and support to Covered Agencies and NGDA theme leads
GDA Report to Congress
Expected Outcome: Update and engagement.
• Planning and process needs to begin now for first GDA report to Congress
• Team/group needs to be organized now
• Develop approach/model
• Establish timeline/work plan (due date TBD based on master schedule)
• NGAC input on key messages and use cases
• Include both Agency and FGDC requirements

**ACTION:** Designate Steering Committee Executive Champion(s) to lead effort.

**ACTION:** Team to work with OMB to define the review and submission process & timeline.
NSDI Strategic Plan Update
GDA Section 755. National Spatial Data Infrastructure

This section defines the NSDI as “the technology, policies, criteria, standards, and employees necessary to promote geospatial data sharing throughout the Federal, State, Tribal, and local governments, and the private sector (including nonprofit organizations and institutions of higher education).” It also establishes goals for the NSDI and mandates that FGDC prepare and maintain a strategic plan.

(c) STRATEGIC PLAN. —The Committee shall prepare and maintain a strategic plan for the development and implementation of the National Spatial Data Infrastructure in a manner consistent with national security, national defense, and emergency preparedness program policies regarding data accessibility.
NSDI Strategic Plans - Recent History

- NSDI Strategic Plan 2014-2016
- NSDI Strategic Framework 2017-2018 (transitional plan)
- NSDI Strategic Planning Initiative 2018 (in development until GDA passed)
2020 NSDI Strategic Plan Approach

High-Level NSDI Strategic Plan

• Initial three-year plan, focused on GDA implementation activities
• Developed through collaboration with NGAC & partners/stakeholders
• Plan will include mission, vision, guiding principles, and high-level goals & objectives
• Plan will provide framework for Covered Agency GDA strategies
• Plan will position FGDC to develop longer-term implementation roles, goals, and approaches
• Target completion date: ~September 2020
### NSDI Planning Timeline

**Initial high-level NSDI Plan. 3-year timeframe. Focus on initial GDA implementation actions**

<table>
<thead>
<tr>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
<th>2027</th>
<th>2028</th>
<th>2029</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDA enacted</td>
<td>OMB A-16</td>
<td>High-level NSDI Plan</td>
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**NSDI Strategic Plan**

**Follow-on NSDI Plans. 4-year timeframe. Based on extensive stakeholder engagement. Focus on national approach/goals for NSDI.**

*DRAFT – February 2020*
## 2020 NSDI Plan Timeline

<table>
<thead>
<tr>
<th>Timeframe</th>
<th>Action</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept 2019</td>
<td>Initiate NSDI Strategic Plan Initiative&lt;br&gt;Set up NGAC NSDI Action Team – assist in planning Joint Session</td>
<td>Completed&lt;br&gt;Completed</td>
</tr>
<tr>
<td>Dec 2019</td>
<td>Conduct NSDI Joint Visioning Session at NGAC meeting&lt;br&gt;Establish NGAC NSDI Subcommittee to draft vision, mission, guiding principles</td>
<td>Completed&lt;br&gt;Completed</td>
</tr>
<tr>
<td>Jan 2020</td>
<td>Establish NSDI Core Team comprised of FGDC &amp; NGAC members to draft strategic goals &amp; objectives</td>
<td>Completed, team meeting weekly</td>
</tr>
<tr>
<td>Feb 2020</td>
<td>Draft vision, mission, guiding principles – NGAC Subcommittee&lt;br&gt;Draft strategic goals &amp; objectives – NSDI Core Team</td>
<td>In progress, on schedule</td>
</tr>
<tr>
<td>March 2020</td>
<td>Drafts of vision, mission, guiding principles (Due Mar 1)&lt;br&gt;Conduct NSDI Leaders Forum planning session - invited community leaders&lt;br&gt;• Output – Discuss/validate vision, mission, strategic goals&lt;br&gt;• Socialize with constituent groups through professional conferences and communications with membership</td>
<td>Drafts completed&lt;br&gt;In planning &amp; scheduled</td>
</tr>
<tr>
<td>April 2020</td>
<td>Core Team review final drafts of strategic goals and objectives&lt;br&gt;Conduct a one-day planning session with Core Team to finalize Draft Plan v1</td>
<td>Planned</td>
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<tr>
<td>May 2020</td>
<td>Distribute review Draft Plan v1 for agency and NGAC comment (2 weeks)&lt;br&gt;Revise draft based on comments &amp; feedback (2 weeks)</td>
<td>Planned</td>
</tr>
<tr>
<td>June 2020</td>
<td>Announce public comment period in Federal Register&lt;br&gt;Distribute review Draft Plan v2 to stakeholder community for public comment &amp; feedback (3 weeks?)</td>
<td>Planned</td>
</tr>
<tr>
<td>July-August 2020</td>
<td>NSDI Core Team adjudicates comments, develops final Draft Plan (v3)&lt;br&gt;Final Draft Plan v3 distributed to FGDC Steering Committee &amp; NGAC</td>
<td>Planned</td>
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<tr>
<td>Sept 2020</td>
<td>Approval by FGDC Steering Committee&lt;br&gt;Endorsement by NGAC</td>
<td>Planned</td>
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<tr>
<td>Dec 2020</td>
<td>Agencies complete GDA geospatial strategies (in support of the NSDI strategic plan)</td>
<td>Planned</td>
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</table>
# FGDC / NGAC Teams

<table>
<thead>
<tr>
<th>NGAC NSDI Subcommittee</th>
<th>FGDC NSDI Core Team</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Initial Focus:</strong> Develop draft Mission, Vision, Guiding Principles</td>
<td><strong>Initial Focus:</strong> Develop draft Strategic Goals &amp; Objectives; stakeholder outreach</td>
</tr>
</tbody>
</table>

**Team Members:**
- May Yuan (UT Dallas) – Chair
- Gar Clarke (State of New Mexico)
- Bobbi Lenczowski (REL Consulting)
- Christine Stinchcomb (Pauling County, GA)
- Mark Reichardt (OGC)

**Team Members:**
- Ivan DeLoatch (FGDC) – Co-Lead
- Carrie Stokes (USAID) – Co-Lead
- Pamela Isom (Dept of Energy)
- Lynda Liptrap (Census)
- Gita Urban-Mathieux (USGS)
- Mark Reichardt (NGAC liaison)
- Ken Shaffer (FGDC)
- John Mahoney (FGDC)
- Tricia Gibbons (FGDC support)
• VISION: Empowering a geo-enabled Nation and world for place-based decision making

• MISSION: The NSDI provides a geospatial network of resources that seamlessly integrates location-based information to serve the needs of the Nation and global interests

• DRAFT STRATEGIC GOALS:
  • **Goal 1** – Implement the national geospatial policy framework as defined by the Geospatial Data Act and related statutes and policies
  • **Goal 2** – Enhance management of National Geospatial Data Assets
  • **Goal 3** – Promote use of open standards to enable seamless integration, sharing, and use of geospatial data and services.
  • **Goal 4** – Establish and implement collaborative geospatial partnerships for high priority national issues and business needs
March 10 NSDI Leaders Forum

- Half-day webinar session with key partner organizations
- 14 national organizations + NGAC members
- Purpose: Share information on NSDI planning process & gather initial input & suggestions
- Excellent discussion with constructive feedback – will continue dialogue and schedule follow-up meeting
- Meeting summary & materials will be posted on NSDI plan page: www.fgdc.gov/nsdi-plan
GDA Budget Initiative
GDA Budget Initiative – Harvey Simon (EPA)

Expected Outcome: Concurrence on approach for budget strategy.

• March FGDC Steering Committee Meeting:
  • **ACTION 3**: Develop a GDA Implementation Budget Initiative

• **Team Members**: Harvey Simon, EPA (Co-Lead); Ivan DeLoatch, FGDC (Co-Lead); Tod Dabolt, DOI; Shirley Hall, USDA; Amy Nelson, DOT; Grace Hu, OMB; FGDC staff.

• Team has held three meetings. Discussed options/scope, processes to make shared funding process operate more efficiently, possible approaches for funding strategy.

• Need approach soon for any FY2022 budget proposal.
## High-Level GDA Funding Approach

<table>
<thead>
<tr>
<th>Funding Source</th>
<th>Component</th>
<th>GDA Requirement</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DOI/USGS Base-funded</strong></td>
<td><strong>1. FGDC Operations (FGDC Secretariat)</strong></td>
<td><strong>Sec. 753</strong> – Federal Geographic Data Committee</td>
<td>$$</td>
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<tr>
<td></td>
<td>FGDC Committee support</td>
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<td></td>
<td>NGAC management/support</td>
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<td>GDA program oversight/contract management</td>
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<td>Back office functions (HR, records, etc.)</td>
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<td>Special initiatives</td>
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<td><strong>2. GeoPlatform Shared Services</strong></td>
<td><strong>Sec. 758</strong> – GeoPlatform</td>
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<td></td>
<td>- GeoPlatform Operations</td>
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<td></td>
<td>- Technical Development</td>
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<td></td>
<td>- Help Desk</td>
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<tr>
<td><strong>Interagency Funding</strong></td>
<td><strong>3. GDA Project Management Office</strong></td>
<td><strong>Sec. 755</strong> – National Spatial Data Infrastructure</td>
<td>$$</td>
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<tr>
<td></td>
<td>- Support development and implementation of NSDI strategic plan</td>
<td><strong>Sec. 756</strong> – NGDA Data Themes</td>
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<tr>
<td></td>
<td>- Support development and coordination of NGDA Data Themes</td>
<td><strong>Sec. 757</strong> – Geospatial Data Standards</td>
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<tr>
<td></td>
<td>- Support development and coordination of Geospatial Data Standards</td>
<td><strong>Sec. 759</strong> – Covered Agency Responsibilities</td>
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<td></td>
<td>- Support enterprise approach to implementation of Covered Agency</td>
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<td></td>
<td>Responsibilities (planning &amp; reporting)</td>
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Geospatial Platform

Tod Dabolt
DOI OCIO
CDO, GIO,
SAOGI, GP
Managing Partner
What is GeoPlatform.gov

Shared services for open geospatial data and technology...

- Implements key objectives of the National Spatial Data Infrastructure (NSDI) Strategic Plan and the National Geospatial Data Asset (NGDA) Management Plan
- Reliable portal to nation’s ecosystem of distributed geospatial data and services
- Stakeholders publish their “assets” (datasets, services, layers, maps) once, accessed anywhere
- Direct access to the nation’s online geospatial resources
  - Single point of access for finding data assets, services, layers and maps
  - Provides managed hosting services for our stakeholders
- Application platform providing shared core application services for stakeholder and community collaboration (e.g., building shared map galleries for communities of interest)

GEOPLATFORM.gov
Geoplatform Architecture

Geoplatform Information System Components

Amazon Web Services
Tableau Software
Esri
Mapbox
OSGeo
Other Information Technology Products and Services

GeoPlatform.gov

Metadata Discovery
Communities
Data Sets
Web Services
Open API
Code Repository

FGDC.GOV

Authentication

Geoplatform hosting agency cloud based applications within defined accreditation boundaries and with inherited controls.

Avoiding duplicative IT infrastructure costs and increasing interoperability when meeting Bureau and Agency mission requirements.

GeoPlatform.gov as a Service (vendor hosted)
ArcGIS Online
FedRamp Cloud Service Offerors

Geoplatform Management

OCIO acquisition & management of Cloud Service Providers
- Contracts
- Cybersecurity Compliance
- Configuration Management
- Risk Management
- Privacy Assurance

Management relationship Dependent on application
GeoPlatform

What you see depends on where you enter

- GeoPlatform.gov
- ArcGIS On-line
- GeoPlatform Hosting

These are core components that are complementary

- Identity management
- Security
- Emphasis on inter-agency / enabling horizontal missions
- Data
Aggregates, brokers, curates, and disseminates data, services, and derived value-add products.

Fosters transparency and collaboration for greater reuse and sharing.

Instrumented to report utilization of Portfolio Assets.

Standards-based, Open APIs, plugins, and shared services for building entirely new or mission-specific applications and services.

Integrated Web Objects

Places, Orgs, Events, People, Things

Curated Resource Collections

Registry+, Metadata

Unified Knowledge Graph

Hosted GeoPlatform Resources

Datasets, Services, Layers, Maps

Easy, Direct Access via API’s

Distributed Remote Resources

Towards shared geospatial knowledge and services...
### GeoPlatform.gov User Accounts

<table>
<thead>
<tr>
<th>Agency</th>
<th>Total Active Accounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLM</td>
<td>278</td>
</tr>
<tr>
<td>USGS</td>
<td>444</td>
</tr>
<tr>
<td>DoD (mail.mil)</td>
<td>325</td>
</tr>
<tr>
<td>NOAA</td>
<td>227</td>
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<tr>
<td>FEMA</td>
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<tr>
<td>EPA</td>
<td>183</td>
</tr>
<tr>
<td>USACE</td>
<td>180</td>
</tr>
<tr>
<td>USDA &amp; USFS</td>
<td>435</td>
</tr>
<tr>
<td>NGA</td>
<td>131</td>
</tr>
<tr>
<td>US Army</td>
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<tr>
<td>DHS</td>
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<tr>
<td>NPS</td>
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<tr>
<td>GSA</td>
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<tr>
<td>FWS</td>
<td>82</td>
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<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>21,838</strong></td>
</tr>
</tbody>
</table>

### GeoPlatform.gov User Accounts (Additional Agencies)

<table>
<thead>
<tr>
<th>Agency</th>
<th>Total Active Accounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>US Navy</td>
<td>86</td>
</tr>
<tr>
<td>US Air Force</td>
<td>67</td>
</tr>
<tr>
<td>DOI OS</td>
<td>63</td>
</tr>
<tr>
<td>US Coast Guard</td>
<td>63</td>
</tr>
<tr>
<td>VA</td>
<td>60</td>
</tr>
<tr>
<td>All Other GeoPlatform Users</td>
<td><strong>21,838</strong></td>
</tr>
</tbody>
</table>

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**GEOPLATFORM.gov**

Towards shared geospatial knowledge and services...
Key Capabilities and Features

Search GeoPlatform Portfolio and WordPress content (pages/posts)

Search using

- “free text”
- communities
- keywords
- publishing agencies
- themes
- geographic extent
- creator
- similarity
I’ve got a map I need to quickly load, add some layers, and share for my people to see....

https://viewer.geoplatform.gov/

Upload a Web Map Context document...

New map created from WMC document... add more layers and save.
Geoplatfor: “FAIR” Geospatial Data for the Nation
Event-driven workflows for inter-agency data sharing
(Findable, Accessible, Interoperable, Reusable)…
Object Editor

Upload metadata from URL or local file

Import metadata from data.gov

View, Edit, and Link using Object Editor

Export to ISO metadata

GEOPLATFORM.gov

Towards shared geospatial knowledge and services...
GeoPlatform Dynamic Digital Communities

Our inter-agency workgroup needs an online community to share the portfolio of resources we are actively curating...

https://communities.geoplatform.gov/ccb-demo
Share/Collaborate: New Theme Features

CCB Theme
- Category Links
- Re-order featured cards
- Re-order posts and pages
- New menu location

Child Themes
- *Portal* and *NGDA* are child themes of CCB Theme

Recommended 3rd party plugins
- **wpForo Forum** – A 3rd-party plugin to handle community forums
- **WP Blog and Widget** - A 3rd-party plugin for community blog capabilities
- **RSS/Atom feeds**

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Example: Ecoregions & Basemap
Example: National Hydrography Database, National Levee Database and Microsoft building footprints
Information System Security Activities

Information System Security Officer

Authentication & Access Monitoring
Operating system stig compliance
Operating System administration
Host Bases Security
Automated configuration
AWS security Monitoring
Server monitoring /
Application uptime
Patch management
Log shipping /
DNS registration
Pki / certificate management
Firewall
508 compliance review
Penetration testing / fortify
Strengths

• Strong collaborative partnerships
• Ability to interact with States, Locals, Foreign Govt and NGOs
• Solid technical foundation
  • secure
  • scalable
  • AI enabled
• Standards based and interoperable
• Relatively modest investment
Known challenges

• User engagement; outreach; training
• Stakeholder and customer relationship management
• Wider agency adoption
• Timeliness and friction associated with collection of funds
• Identity and Access management
• Metadata constraints (quality, formats and clunky workflows)
What’s the right balance?

• NGDA Portfolio Efforts
• GeoPlatform Operations and Maintenance
• GeoPlatform Development
• User engagement, outreach, training
• Stakeholder and Customer Relationship Management
• GDA Reporting Enhancements
Thank You!
Federal Data Strategy FGDC
Actions

Ken Shaffer
FGDC
Deputy Executive Director
Action 10: Integrate Geospatial Practices into the Federal Data Enterprise

By December 2020, FGDC, in coordination with the OMB Federal Data Policy Committee (FDPC), will improve the value of, and access to, geospatial data and services for use across the Federal data enterprise and the public through the implementation of the GDA.

Through this action, FGDC members will coordinate with their agency Data Governance Board (DGB), their SAOGI, and the FDPC on the use and integration of geospatial data into broader Federal efforts.
Part 1: **Develop an NSDI Strategic Plan**

- **Milestone:** Establish the NSDI strategic Plan
- **Measure:** Completion

Part 2: **OMB SAOGI will assist the FGDC in ensuring FGDC cross-representation on appropriate data oversight bodies to help spatially enable the Federal data enterprise.** To establish a process to develop consistent identification of the spatial attributes of both spatial datasets (contain spatial geometry) and non-spatial datasets to facilitate machine interpretable methods of relating or joining data for analytics and innovation.

- **Milestone:** Engage with other relevant councils
- **Measure:** Number of engagements
FDS FY 2020 Action Plan – FGDC Action

Part 3: **Operate the GeoPlatform to provide access to geospatial data and related metadata for all National Geospatial Data Assets (NGDA),** ... and provide standards-compliant metadata and web services for all NGDA data assets, registered with data.gov and available as web services through the GeoPlatform.

Milestone: Publish a GeoPlatform providing standards-compliant web services for NGDAs

Measure: Completion

Part 4: **GDA Lead Covered Agencies for NGDA data assets will identify, inventory, and publish the status and standards being used for each of the NGDA data themes and content and services metadata.**

Milestone: Track NGDAs for implementation of standards

Measure: Percentages of NGDAs with: i) metadata standards, ii) established content standards, iii) standards in process, iv) data assets not requiring standards, v) to established standards
FDS Actions and Pilot Proposals

OMB awarded FGDC an FDS Pilot

- High Value Geospatial Data Act Investment Areas to Advance the Nation’s Spatial Data Infrastructure - Federal Government Survey
  - Will include GeoPlatform usability questions
  - $450,000 to be contracted in 2020 for a PoP of up to 1 year

Next Steps

1) Identify contract vehicle and work with GSA on funding transfer. (FGDC OS)
2) Identify SMEs to support contractors (e.g. FDS, FGDC, OSTP) (OMB)
3) Carve out options to utilize funding, Phase 1 and/or 2, support FDS/GDA/Geoplatform (FGDC OS)
NGDA Changes Vote - Pending

- Changes to National Geospatial Data Asset data themes and datasets must be approved by the Steering Committee with OMB concurrence (executed by vote).
- The Data Theme Community provides recommendations for changes.
- Due to changes in the FGDC Governance structure, the pending list of recommended changes will be going directly to the Steering Committee for consideration and endorsement.
- New NGDA datasets must meet all the management, metadata, registry, services and reporting requirements of the GDA.
- Dataset removal requires Steering Committee endorsement to identify any datasets other agencies may utilize so that potential gaps can be identified.
Next Meetings

Steering Committee (tentative)
June 11 (1:00 - 3:00)
Oct 8 (1:00 - 3:00?)

NGAC:
June 9-10: NGAC meeting @ DOI
Oct 6-7: NGAC meeting @ DOI
Actions/Asks

1. SAOGIs to identify GDA Roadmap and/or FDS actions they will lead and/or in which they will participate.
2. SAOGIs to identify other staff resources who can participate in these actions, especially ones with subject matter expertise.
3. SAOGIs should watch for the pending email on the NGDA dataset proposed changes vote and respond with their endorsement and comments.
Meeting Wrap-up and Actions

Questions?