

# Coordination Group Meeting FGDC Business Report

*Ken Shaffer*

*Deputy Executive Director*

*Federal Geographic Data  
Committee*

*May 8, 2018*



# Background

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This presentation contains general update information on FGDC business activities. A list of the other agenda topics with references to their associated materials is also included. This presentation is intended as a read-ahead with only highlights of some of these activities being presented during the meeting. Questions on the included topics or content can be posed during the FGDC Business Update during the meetings.

It is the responsibility of the attendees to review the material prior to the meeting, as per CG standard operating procedures.

The general organization of the information is:

CG Agenda Items - Items on the Coordination Group (CG) agenda with references to any read-ahead materials

FGDC Committee Meeting Summaries

FGDC Business Update - Current FGDC initiatives/activities

# CG Agenda Items

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- ❖ **FGDC Business Highlights**

**Contact:** Ken Shaffer, FGDC OS

**Read ahead:** FGDC Business Highlights

- ❖ **Spatial Water Data Subcommittee Report**

**Contact:** Al Rea, USGS

**Read ahead:**

- ❖ **HIFLD Subcommittee**

**Contact:** Tod Dabolt, DOI; Michael Donnelly, DHS

**Read ahead:**

- ❖ **Other Agency Announcements**

# Committee's Decision Summary

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- ❖ Steering Committee membership and SC meeting
  - ❖ Designation letter: To reinstitute the SC membership, a letter will be sent to member agencies through the President's Management Council to designate their Senior Agency Official for Geospatial Information (SAOGIs) to the Steering Committee.
  - ❖ Next Steering Committee meeting is June 28, 2018

# CG and SC Monthly Membership Changes

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❖ No changes this month

# Steering Committee

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- ❖ The next Steering Committee meeting is scheduled for June 28<sup>th</sup>
- ❖ FGDC plans to hold a SC member orientation prior to June meeting, pending identification of new SAOGIs
- ❖ The Executive Committee will recommend SC action and decision on the following items:
  - NSDI Strategic Plan
  - New GeoPlatform contract approach
  - GeoPlatform funding commitment for FY2019
  - GeoPlatform funding algorithm for FY2020
  - Designation of Coordination Group members
  - Reinforce roles and responsibilities of A-16

# Executive Committee

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❖ The Executive Committee met on April 5<sup>th</sup>.

Topics discussed:

- April 3-4 NGAC Meeting Summary
- National Aerial Imagery Program (NAIP) - Data acquisition, licensing, and funding discussions
- OGC – Disasters Interoperability Concept Development Study
- Geospatial Platform funding and development
- National Spatial Data Infrastructure (NSDI) Strategic Plan path forward

# National Geospatial Advisory Committee

**Ms. Julie Sweetkind-Singer (Chair)**  
Stanford University

**Mr. Keith Masback (Vice-Chair)**  
U.S. Geospatial Intelligence Foundation

**Dr. David Alexander**  
Department of Homeland Security

**Mr. Frank Avila**  
National Geospatial-Intelligence Agency

**Dr. Sarah Battersby**  
Tableau Software

**Mr. Talbot Brooks**  
Delta State University

**Mr. Gar Clarke**  
State of New Mexico

**Mr. Garet Couch\***  
National Tribal GIS Center

**Ms. Patricia Cummins**  
ESRI

**Mr. Stuart Davis**  
State of Ohio

**Mr. Matthew Gentile**  
Deloitte Financial Advisory Services, LLP

**Mr. Frank Harjo**  
Muscogee (Creek) Nation

**Mr. Xavier Irias**  
East Bay Municipal Utility District

**Ms. Roberta Lenczowski**  
Roberta E. Lenczowski Consulting, LLC

**Mr. Roger Mitchell**  
MDA Information Systems, Inc.

**Ms. Rebecca Moore**  
Google, Inc.

**Mr. Kevin Pomfret**  
Centre for Spatial Law and Policy

**Dr. Laxmi Ramasubramanian**  
Hunter College, City University of NY

**Dr. Carl Reed**  
Carl Reed and Associates, LLC

**Ms. Amber Reynolds**  
City of Topeka, KS

**Dr. Douglas Richardson**  
Association of American Geographers

**Mr. Cy Smith**  
State of Oregon

**Ms. Rebecca Somers**  
Somers-St. Claire GIS Consultants

**Ms. Jennie Stapp**  
State of Montana

**Dr. Harvey Thorleifson**  
Minnesota Geological Survey

**Mr. Jason Warzinik**  
Boone County, MO

**Dr. May Yuan**  
University of Texas – Dallas



# NGAC Update – Subcommittee Activities

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## Landsat Advisory Group

- ❖ **Members:** Frank Avila (Chair), Roberta Lenczowski (Vice Chair), Rebecca Moore, Kevin Pomfret, Peter Becker, Steven Brumby, Joanne Gabrynowicz, Kass Green, Walter Scott
- ❖ **ACTION:** The Landsat Advisory Group will develop a paper in response to Task 3 in the 2017 Guidance, addressing possible fee recovery options for Landsat data. The LAG will provide a status report at the June 2018 NGAC meeting, and plans to complete the draft paper prior to the September 2018 NGAC meeting.

## Data as a Service Subcommittee

- ❖ **Members:** David Alexander (Chair), Sarah Battersby (Vice Chair), Stu Davis, Gen. Rebecca Somers, Jennie Stapp, Harvey Thorleifson, Jason Warzinik, May Yuan
- ❖ **ACTION:** The subcommittee is developing a paper, including use cases, describing current and future needs for data as services. A draft version of the paper will be presented at the June 2018 NGAC meeting.

# NGAC Update – Subcommittee Activities

## Cultural & Historical Resources Subcommittee

- **Members:** Garet Couch (chair), Frank Harjo (vice-chair), Gar Clarke, Laxmi Ramasubramanian
- **ACTION:** The subcommittee will conduct a series of interviews that will inform a report making recommendations on policies and procedures to protect geospatial data assets that have cultural and historical significance. The subcommittee is finalizing a timeline for its activities, and will provide an update at the June 2018 NGAC meeting.



# NGAC Update – Subcommittee Activities

## Infrastructure Subcommittee

- ❖ **Members:** Cy Smith (Chair), Keith Masback (Vice-Chair), Pat Cummins, Xavier Irias, Amber Reynolds, Roger Mitchell, Carl Reed, Talbot Brooks, Matt Gentile
- ❖ **ACTION:** The subcommittee is developing a set of brief use cases demonstrating the uses of geospatial technology to support infrastructure initiatives. Draft uses cases will be completed in May, and final versions will be presented at the June 2018 NGAC meeting.  
**ACTION:** The subcommittee is planning to develop an infographic demonstrating the uses of geospatial technology to support infrastructure initiatives. The infographic is still in the conceptual phase. The subcommittee will provide an update at the June 2018 NGAC meeting.
- ❖ **ACTION:** The subcommittee is developing a white paper on best practices related to utilization of geospatial technology to support infrastructure projects. The subcommittee will provide an update at the June 2018 NGAC meeting.

# GeoPlatform Feedback

## GeoPlatform Dialogue/Planning:

- ❖ **ACTION:** FGDC will hold webinar(s) to demonstrate capabilities of the GeoPlatform and capture feedback from NGAC members. NGAC members are encouraged to register for accounts on the Geospatial Platform ([www.geoplatform.gov](http://www.geoplatform.gov)) prior to webinar.



# National Address Database

The NGAC approved the following resolution:

***“The National Geospatial Advisory Committee (NGAC) is encouraged by the progress the Federal Geographic Data Committee (FGDC) community is making in developing the National Address Database (NAD). The NGAC commends the U.S. Census Bureau and the U.S. Department of Transportation for their leadership of this important initiative. The NGAC has expressed its support for the development of the NAD for many years, through an initial paper, “The Need for a National Address Database” (2012), through a previous NGAC resolution (2013), and through development of a set of use cases (2014). The NGAC believes that the NAD is consistent with the Data, Accountability, and Transparency component of the President’s Management Agenda; that it reflects a productive partnership of Tribal, Federal, State, and local governments; and that it will be a model use of the FGDC’s Geospatial Platform. The NGAC strongly encourages FGDC agencies to devote appropriate support and resources to create a National Address Database Program that will ensure the long-term institutionalization of the NAD as a National Geospatial Data Asset.”***

**ACTION:** NGAC members encouraged to communicate within their professional organizations and networks to encourage additional participation in the National Address Database initiative.

# Next Steps

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## Next NGAC meetings:

- ❖ June 26-27 (Department of Interior)
- ❖ Sept 5-6 (NCTC – Shepherdstown)
- ❖ December webinar meeting (date TBD)

# Coordination Group Meeting Dates

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## 2018 FGDC CG Meeting Calendar

DATE	ROOM
6/12/2018	Rachel Carson
7/10/2018	Rachel Carson
8/14/2018	Rachel Carson
9/11/2018	Kiowa Room
10/9/2018	Rachel Carson
11/13/2018	Rachel Carson
12/11/2018	Rachel Carson



# FGDC Business Update

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- ❖ NGDA Portfolio Management
- ❖ FGDC Standards Update
- ❖ Geospatial Data Act 2017
- ❖ NSDI Strategic Plan Update
- ❖ Geospatial Platform Update



# National Geospatial Data Asset (NGDA) Portfolio Management

*Lorna Schmid*  
*FGDC OS*  
*May 8, 2018*



# NGDA Portfolio – Report Status

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## ❖ NGDA Datasets

- ❖ NGDA Dataset Reports – 100% Complete

## ❖ NGDA Themes

- ❖ Theme Strategic Plans – 100% Complete (*up from 95%*)
- ❖ Theme Implementation Plans – 66% complete (*up from 53%*)
- ❖ Theme Summary Report – 88% Complete (*up from 75%*)

## ❖ NGDA Portfolio Management Team

- ❖ LMA Analysis and Recommendation Report – Draft in Review
- ❖ NGDA Portfolio Summary Report – Draft in Development

**All Reports will be available from the NGDA Theme Community Sites**



# 2017 Theme Report Status

Status as of 4/25/2018

Theme	Strategic Plan	Implementation Plan Oct 17	Lifecycle Maturity Assessment Reports	
			Dataset	Theme Summary
Address	Not Submitted	Not Submitted	Not Identified	N/A
Biodiversity and Ecosystems	Complete	Not Submitted	7	Completed
Cadastre*	Complete	Not Submitted	19	Completed
Climate and Weather	Complete	Not Submitted	5	Review not received
Cultural Resources	Complete	Complete	2	Completed
Elevation*	Complete	In Progress	12	Completed
Geodetic Control*	Complete	Complete	4	Completed
Geology	Complete	Complete	6	Completed
Governmental Units*	Complete	Complete	40	Completed
Imagery*	Complete	In Progress	9	Completed
Land Use Land Cover	Complete	Not Submitted	14	Completed
Real Property	Complete	Complete	14	Completed
Soils	Complete	Not Submitted	5	Completed
Transportation*	Complete	Complete	16	Completed
Utilities	Complete	Not Submitted	2	Review not received
Water Inland*	Complete	Complete	5	Completed
Water Oceans and Coasts*	Complete	Not Submitted	16	Completed

\* Framework Themes

Contact **Lorna Schmid** for help completing reports:  
[lorna@usgs.gov](mailto:lorna@usgs.gov)

# TO-14 NGDA Portfolio Support

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- ❖ **Theme Implementation Plans**
  - ❖ Reviewed submittals and posted to Theme Communities
- ❖ **Theme Summary Reports**
  - ❖ Prepared final reports for Coordination Group Approval
  - ❖ (Distribution to Coordination Group being prepared)
- ❖ **NGDA Dataset Reports**
  - ❖ Prepared reports for posting to GeoPlatform
- ❖ **Portfolio Summary Report**
  - ❖ In draft
- ❖ **Theme Communities** <https://www.geoplatform.gov/communities/>
  - ❖ Updated all Themes with current content
- ❖ **Metadata and Web Services**
  - ❖ Updated NGDA list and metadata links [https://www.fgdc.gov/ngda-reports/NGDA\\_Datasets.html](https://www.fgdc.gov/ngda-reports/NGDA_Datasets.html)
  - ❖ Coordinating metadata improvement
  - ❖ Coordinating FGDC-WAF deprecation

# Proposed NGDA Changes to Cadastral and Imagery Themes



*Theme Leads are following up with Lead Agencies  
on these  
recommendations for changes*

# Cadastral Theme – Proposed Changes

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## Action: Approve Combining Two NGDAs into One NGDA

### Bureau of Land Management (BLM)

#### ❖ Retire NGDA

- ❖ NGDAID 67: [BLM Administrative Unit Boundary Polygons](#)
- ❖ NGDAID 68: [BLM Administrative Unit Office Points](#)
  - ❖ These NGDA have been combined into one dataset

#### ❖ Replacement NGDA

- ❖ [BLM National Administrative Unit Boundary Polygons and Office Points - National Geospatial Data Asset \(NGDA\)](#)
  - ❖ Combines the two NGDA above into one NGDA - Recommend approval

- ❖ **POC:** Vincent Myers [vmyers@blm.gov](mailto:vmyers@blm.gov)  
Leonard Gore [l1gore@blm.gov](mailto:l1gore@blm.gov)  
Janet Wilkins (theme Lead) [j1wilkin@blm.gov](mailto:j1wilkin@blm.gov)

# Cadastral Theme – Proposed Changes

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## Action: Approve Splitting One NGDA into Three NGDA Bureau of Land Management (BLM)

- ❖ **Retire NGDA**
  - ❖ NGDAID 12: BLM National Surface Management Agency: Area Polygons, Withdrawal Area Polygons, and Special Public Purpose Withdrawal Area Polygons
    - ❖ This NGDA no longer exists, It has been split into three separate datasets listed below
- ❖ **Replacement NGDA**
  - ❖ [BLM National Surface Management Agency Area Polygons - National Geospatial Data Asset \(NGDA\)](#)
    - ❖ BLM has published one of the replacement NGDA - Recommend approval
- ❖ **Pending Replacement NGDA**
  - ❖ BLM National Surface Management Agency Withdrawal Area Polygons - National Geospatial Data Asset (NGDA)
  - ❖ BLM National Surface Management Agency Special Public Purpose Withdrawal Area Polygons - National Geospatial Data Asset (NGDA)
    - ❖ BLM is in the process of publishing these two datasets
- ❖ **POC:** Joel Harrington [jharrington@blm.gov](mailto:jharrington@blm.gov)  
Leonard Gore [l1gore@blm.gov](mailto:l1gore@blm.gov)  
Janet Wilkins (theme Lead) [j1wilkin@blm.gov](mailto:j1wilkin@blm.gov)



# Cadastral Theme – Proposed Changes

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## Action: Approve One New NGDA Bureau of Indian Affairs (BIA)

### ❖ Proposed NGDA

- ❖ [American Indian Reservations \(AIR\) Exterior Extent Boundaries](#)
- ❖ Recommend approval

### ❖ Pending New NGDAs

- ❖ Several other datasets being finalized for proposed NGDA designation

- ❖ **POC:** Heston Smith [heston.smith@bia.gov](mailto:heston.smith@bia.gov)  
Phillip Julian [phillip.jullian@bia.gov](mailto:phillip.jullian@bia.gov)  
Steven Mesa [steven.mesa@bia.gov](mailto:steven.mesa@bia.gov)  
Janet Wilkins (theme Lead) [j1wilkin@blm.gov](mailto:j1wilkin@blm.gov)



# Imagery Theme – Proposed Changes

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## Action: Approve Retire and Replace One NGDA Geological Survey (USGS) - Orthoimagery

### ❖ Retire NGDA:

- ❖ NGDAID 102: High Resolution Orthoimagery - USGS National Map Downloadable Data Collection
  - ❖ No longer maintained and has been archived

### ❖ Replacement NGDA

- ❖ [USGS High Resolution Orthoimagery Collection - Historical - National Geospatial Data Asset \(NGDA\) High Resolution Orthoimagery](#)
- ❖ Recommend approval

### ❖ POC: Bob Pierce [rrpierce@usgs.gov](mailto:rrpierce@usgs.gov)

John Cullen (Co-Theme Lead) [jcullen@usgs.gov](mailto:jcullen@usgs.gov)

Shirley Hall (Co-Theme Lead) [shirley.hall@wdc.usda.gov](mailto:shirley.hall@wdc.usda.gov)

# Imagery Theme – Proposed Changes

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## Action: Approve Two New NGDA

### US Geological Survey (USGS) - Landsat

#### ❖ Pending Proposed NGDA:

- ❖ [Landsat 8 Operational Land Imager and Thermal Infrared Sensor - National Geospatial Data Asset \(NGDA\)](#)

- ❖ [Landsat 8 Operational Land Imager and Thermal Infrared Sensor Pre-WRS-2: 2013 - National Geospatial Data Asset \(NGDA\)](#)

- ❖ FGDC is in discussion with POCs on these datasets

- ❖ **POC:** Ryan Longhenry [rlonghenry@usgs.gov](mailto:rlonghenry@usgs.gov)

- John Cullen (Co-Theme Lead) [jcullen@usgs.gov](mailto:jcullen@usgs.gov)

- Shirley Hall (Co-Theme Lead) [shirley.hall@wdc.usda.gov](mailto:shirley.hall@wdc.usda.gov)

# NGDA Inventory & POC Updates

## ❖ Theme Executive Champion Change

NGDA Theme		
None		

## ❖ Theme Lead Change

NGDA Theme	New Theme Lead	Previous Theme Co-Lead
Soils	Drew Kenny moves from co-lead to lead	Dave Hoover

## ❖ Dataset Manager Changes

NGDA Dataset Name	Theme	New Dataset Manager	Previous Dataset Manager
None			

# FGDC Standards Update

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## ❖ **INCITS/ISO Metadata Standards**

- ❖ 19115-3:2016 Geographic information -- Metadata -- Part 3: XML schema implementation for fundamental concepts
- ❖ 19157-2:2016 Geographic information -- Data quality -- Part 2: XML schema implementation

## ❖ **FGDC Metadata and Standards WGs voted to recommend endorsement**

- ❖ **Preparing Distribution to Coordination Group for Endorsement Vote**

# Geospatial Data Act 2017

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- ❖ Geospatial Data Act of 2017 ([S.2128](#)) introduced in the United States Senate on November 15, 2017
- ❖ OMB solicited comments on this bill the week of April 23
- ❖ FGDC forwarded the OMB review notice as an FYI to member agencies recommending they coordinate on comments with their legislative affairs offices

# NSDI Strategic Plan – Implementation Approach

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## **2017 Interim Implementation:**

- FGDC/agency implementing goals and strategies included in NSDI Strategic Framework.
- FY 2017 FGDC Annual Report documents progress.

## **2018 NSDI Strategic Plan Approach:**

- FGDC community will engage with new leadership to refine the framework and develop final version of NSDI Strategic Plan.
- Strategic Plan to be aligned with President's Management Agenda
- Concurrently develop more detailed implementation strategy for new NSDI Strategic Plan

# Next Steps – DRAFT

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## Draft High-level Timeline – for discussion

Establish FGDC Core Team (ExCom + CG members)	April 2018
Develop revised draft NSDI strategy <ul style="list-style-type: none"><li>- Review PMA</li><li>- Identify points of alignment</li><li>- Coordinate with FGDC leadership</li></ul>	June 2018
Share draft NSDI strategy with NGAC / key stakeholders	June/July 2018
Develop final NSDI strategy	Aug/Sept 2018
Develop NSDI implementation plan	Dec 2018

# Geospatial Platform Support Contract Monthly Update to Coordination Group





# Technical Task Order Summary

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## ❖ TO-13 Technical Support

❖ Support: Image Matters, Inc.

### ❖ Activities

- GeoPlatform.gov
  - Development – 3 planned releases of new capability
  - Operations and Maintenance
  - Community Support
  - Service Desk support
- Recent Events
  - GEOINT 2018 Symposium

Contact: Tod Dabolt DOI, IOS  
thomas\_dabolt@ios.doi.gov

# Accomplishments

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- ❖ Release 11 (R11) hotfixes applied
  - ❖ Improved user login/ registration/ account update screens
  - ❖ Marketplace verbiage and A-11 reporting guidance (pending)
- ❖ Release 12 (R12) engineering underway
- ❖ NGDA Theme Communities
  - ❖ Analysis of document handling and visual editor requirements (underway)
- ❖ Key contacts
  - ❖ NASA (ESDIS) – biweekly TEMs; Resilience Community stood-up in Development environment; CMR integrations in planning stages
  - ❖ GSA (CIBORG) – ongoing dialog on synergies
  - ❖ FEMA – disasters.geoplatform.gov community TEMs; community instance stood-up in Development environment; plan to promote to Production in May (tbd)

# GeoPlatform.gov GFY18 Release Roadmap

10/19/2017 - 3/18/2018

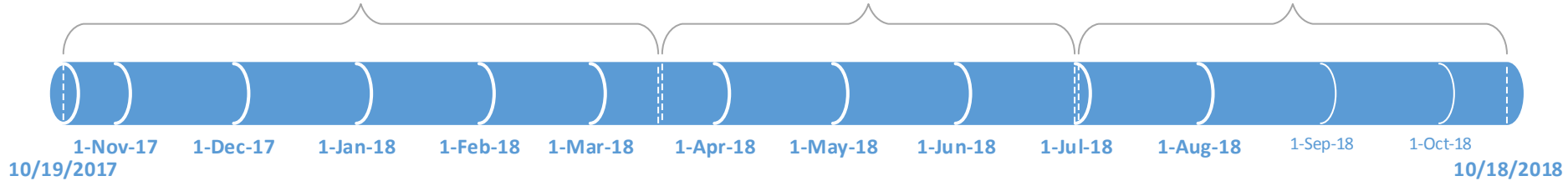
Release 11 (R11)

3/19/2018 - 7/1/2018

Release 12 (R12)

7/2/2018 - 10/18/2018

Release 13 (R13)



## R11 – APIs, Toolkits, & Communities

- 2018 Roadmap planning
- Initial Open Application Programming Interface (API 1.0)
- Community Toolkit updates (CCB 1.2)
- Portal content refresh
- New community support (as needed)
- O&M / IA support (as needed)

## R12 - Dynamic Digital Community Initiatives

- Open Application Programming Interface updates (API 1.1)
- Community Toolkit updates (CCB 1.3)
- Resource Performance Module 1.0
- Portal content refresh (as needed)
- New community support (as needed)
- Partner-driven projects for advanced capabilities and integration (as needed)
- O&M / IA support (as needed)

## R13 – Dynamic Digital Community Initiatives

- Open Application Programming Interface updates (API 1.2)
- Community Toolkit updates (CCB 1.4)
- Resource Performance Module 1.1
- Portal content refresh (as needed)
- New community support (as needed)
- Partner-driven projects (as needed)
- O&M / IA support (as needed)

# GeoPlatform.gov - Release 12 (July 2018)

## *Theme: Open APIs, Toolkits, Resource Utilization, & Enhanced Search*

### **New Capabilities**

- ❖ Open API (1.1)
  - incremental enhancements
- ❖ Community Toolkit updates (CCB 1.3)
  - incremental enhancements; plugins for curating dynamic, customized, shared resources
- ❖ Resource Performance Module (1.0)
  - infrastructure and tools for collecting and reporting resource utilization metrics
- ❖ Enhanced Search for Portal and Communities
- ❖ Portal content refresh/ consolidation (as needed)
- ❖ Updated taxonomies (as needed)
- ❖ New community support (as needed)
- ❖ O&M/ IA support (as needed)

### **Benefits**

- ❖ Open solutions supporting resource sharing and collaboration
  - ❖ Open: Vendor/ technology agnostic
  - ❖ Finding the right data (relevant, fit-for-use) across agencies and stovepipes
- ❖ Improved Portfolio Management workflows
  - ❖ Streamlined metadata lifecycle management
  - ❖ Measure & improve resource utilization
- ❖ Delivering operational capability in support of partner initiatives and missions

# GeoPlatform.gov – Communities

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- ❖ **NGDA Theme Communities** – in Production; train-the-trainer delivered and other support materials under development (e.g., video tutorials).
- ❖ **Tribal Nations (BIA)** – in Production ([communities.geoplatform.gov/tribalnations](http://communities.geoplatform.gov/tribalnations))
- ❖ **Geoplatform Customers (DOI)** – in Production ([communities.geoplatform.gov/gpcustomers](http://communities.geoplatform.gov/gpcustomers))
- ❖ **GeoPlatform Core Team (FGDC)** – in Production (private)
- ❖ **Invasive Species (WGA)** – in Development (good progress)
- ❖ **Mississippi River Basin Science (MRBS)** – in Development (on hold)
- ❖ **International Program for Human Geography (NGA)** – in Development; training and coordination meeting completed
- ❖ **DOI Office Emergency Management** – in Development (good progress)
- ❖ **US Group on Earth Observations (USGEO)** – in Development
- ❖ **GeoPathways (FGDC)** – in Development
- ❖ **Resilience (NASA)** – in Development
- ❖ **Disasters (FEMA)** – in Development
- ❖ **WWHGD (NGA)** – candidate for migration to new Dynamic Digital Community package; requires follow-up to coordinate

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# Questions

