

FGDC Current Activities

National Geospatial Advisory Committee September 6, 2017



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Executive Director

*Federal Geographic Data
Committee*

Topics:

- ❖ Hurricane Harvey Response
- ❖ FGDC Leadership Update
- ❖ NSDI Strategic Framework and Planning Update
- ❖ NGDA Accomplishments and Outcomes
- ❖ COGO Report Card Collaboration
- ❖ FGDC GeoPathways Initiative
- ❖ Proposed Geospatial Data Act of 2017
- ❖ FGDC Engagement Events
- ❖ FGDC Activities

Hurricane Harvey Response



Homeland Infrastructure Foundation-Level Data (HIFLD)

DHS.GOV DHS.GII FGDC.GOV HIFLD GEOPLATFORM



Hurricane Harvey Response

Using the Power of Partnerships to Help Impacted Communities

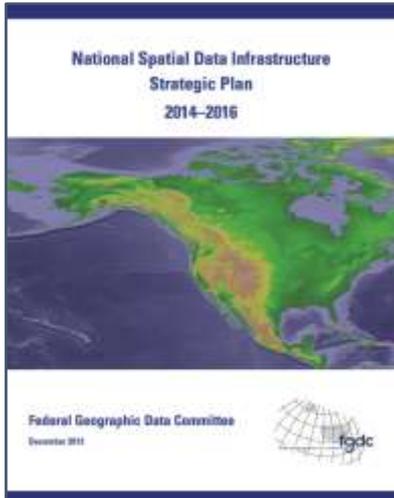
This site provides geospatial data from authoritative sources where possible that can be useful to support community response and recovery to Hurricane Harvey. The data is available for download as CSV, KML, Shapefile, and accessible via web services to support application development and data visualization.



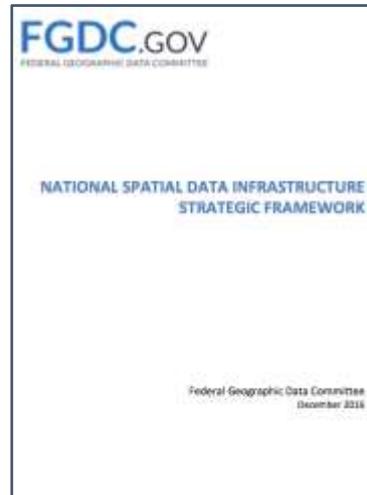
FGDC Leadership Update

- ❖ Acting FGDC Chair – Kerry Rae, Chief of Staff for Water & Science
- ❖ Designation of FGDC Chair – pending new DOI appointments
- ❖ Upon designation, FGDC member agencies will be asked to redesignate their Steering Committee members (SAOGIs)
- ❖ The Executive Committee will continue to provide committee leadership in the interim

NSDI Strategic Framework and 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 FY 18)**

Interim Implementation Approach

NSDI Strategic Plan:

- FGDC community will engage with new leadership, once appointed, to refine the framework and develop the next NSDI Strategic Plan.

Ongoing Activities

- Numerous strategic actions that are part of the framework and resulted from the 2014-2016 NSDI Strategic Plan continue, including:
 - Geospatial Platform
 - Portfolio Management and the NGDA Lifecycle Maturity Assessments
 - Development of priority data initiatives
 - Coordination with the broader geospatial community

NGDA Accomplishments and Outcomes

Web services and metadata project

- ❖ Increase the number of available NGDA web services and improve services documentation in metadata
- ❖ As of June 28, 2017 – there are 92 NGDAs with 169 valid working geospatial web services documented in NGDA metadata records published on Data.gov

NGDA Communities technology update

- ❖ The 17 NGDA communities will transition from Drupal to WordPress in Fall 2017.
- ❖ Increases available tools and ease of management

NGDA Accomplishments and Outcomes

2017 Lifecycle Maturity Assessment (closed Aug. 4)

- ❖ Executed by NGDA dataset and theme managers
- ❖ 100% completed as of August 25
- ❖ Analysis of 2017 LMAs beginning, including comparative analysis between 2015 and 2017
- ❖ Updating Dataset and Theme Summary Report Templates
- ❖ Results will be incorporated into the GeoPlatform dashboard

Theme	Not Started	In Progress	Complete	Total
Biodiversity and Ecosystems	0	0	7	7
Cadastral	0	0	19	19
Climate and Weather	0	1	5	5
Cultural Resources	0	0	2	2
Elevation	1	0	12	12
Geodetic Control	0	0	4	4
Geology	1	0	6	6
Governmental Units	0	0	40	40
Imagery	0	0	9	9
Land Use - Land Cover	0	0	14	14
Real Property	1	0	14	14
Soils	0	0	5	5
Transportation	0	0	16	16
Utilities	0	0	2	2
Water - Inland	0	0	5	5
Water - Oceans and Coasts	0	0	16	16
Totals	3	1	176	176

Status as of 8/25/17

NGDA Portfolio Management - Current Activities

❖ Theme Implementation Plans due Oct. 31

- ❖ Will be posted on public Geoplatform Theme community
- ❖ Goal to review activities and progress across Themes going forward to advance portfolio management

Theme	Status
Address	To be determined
Biodiversity and Ecosystems	In Progress (Draft)
Cadastre *	Completed
Climate and Weather	In Progress
Cultural Resources	Completed
Elevation*	In Progress
Geodetic Control *	Completed
Geology	Extension
Governmental Units*	Completed
Imagery *	Completed
Land Use Land Cover	Completed
Real Property	To be determined
Soils	In Progress
Transportation *	Completed
Utilities	In Progress
Water Inland *	Completed
Water Oceans and Coasts*	In Progress



Status as of 8/21/17

COGO Report Card Collaboration Update

- ❖ First COGO [Report Card on the NSDI](#) completed in 2015.
- ❖ Second Report Card has been initiated; completion in 2018. This effort will review framework Themes (plus Address) and NSDI status.
 - FGDC staff has met with COGO leadership
 - FGDC briefing for COGO on NGDA process – June 5
 - COGO has identified Theme review teams; FGDC has identified POCs for framework Themes
 - Water-Inland Theme briefing 8/18
 - Next step: other Theme-specific briefings for COGO review teams – to be determined

GeoPathways Initiative - Purpose



- **Purpose/Objective:** Developing the Next Generation of Geospatial Professionals
- **Alignment**
 - **NSDI Strategic Framework Strategy III - *Action 3.3: Build workforce development strategies.***

Collaborate with partners to develop skills training for the next generation of spatial analysts, as well as consideration for how we broaden and diversify the spatial workforce.

- **Administration goals and objectives**
 - Executive Order [Expanding Apprenticeships in America](#)
 - M-17-30 – [FY19 Administration Research and Development Priorities](#) – “Developing a Future Focused Workforce”

GeoPathways Initiative – Concept & Activities

*GeoPathway
Workforce
development
concept*



GeoPathways – 2017–2018 Pilot Phase



- **Phase 1 – Initiate Federal Pilot 2017**

- Collaborate with Federal Partners
 - Establish Mentors
 - Identifying Education and Training
 - Identify Projects and Activities

- **Leverage State Departments –**
Volunteer Student Foreign Service Initiative

- FGDC advertised 3 positions
- **Selected 15 Students from 13 Universities**
- Matching students with sponsors
- Research, geospatial analysis, social media products...



- **Phase 2 – Expand Engagement in FGDC Community**



Proposed Geospatial Data Act of 2017

- ❖ Senate "Geospatial Data Act" ([S. 1253](#)) introduced by Senators Hatch and Warner on 5/25/17
- ❖ House "Geospatial Data Act" ([H.R. 3522](#)) introduced by Reps Westerman and Moulton on 7/27/17
- ❖ Adds content to the previously proposed Geospatial Data Act of 2015
- ❖ Bill language would impact Federal acquisition policy, FGDC structure, NGAC role and status as a FAC.
- ❖ COGO organizations and others have engaged in discussions on potential impacts
- ❖ Administration, Federal agency, and FGDC positions have yet not been requested or established.

Upcoming FGDC Engagement Events

- ❖ Group on Earth Observations (GEO) Plenary
- ❖ FGDC session at National State Geographic Information Council (NSGIC) Annual meeting
- ❖ Coalition of Geospatial Organizations (COGO)
 - Continuing to work to align the COGO NSDI report card with the NGDA Lifecycle Management Assessments
- ❖ OGC Planning/Technical Committee
- ❖ American Geophysical Union

FGDC Activities

- ❖ **2017 Doug D. Nebert NSDI Champion of the Year Award**
 - ❖ Recognizes an individual or team that has developed an outstanding, innovative and operational tool, application, or service capability used by multiple organizations.
 - ❖ Award will be announced in Fall 2017
- ❖ **GAO Recommendations**
 - ❖ GAO has closed all of the FGDC and DOI recommendations from their Geospatial Data (GAO-15-193) and Geospatial Information (GAO-13-94) reports.
- ❖ **2017 FGDC Annual Report**
 - ❖ Scheduled to be completed in December 2017

Questions?