

FGDC Update



**National Geospatial Advisory Committee Meeting
December 4, 2019**

Overview

- Federal Data Strategy – FGDC Action (draft)
- Federal Data Strategy – FGDC Pilot Project
- A-16 Revision Release Update
- GeoPlatform/Data.gov Metadata Project
- Group on Earth Observation Ministerial
- UNGGIM April Meeting
- FGDC/OGC Disasters Pilot Project Meeting
- 2019 NGAC Appointments
- NGAC Charter/Bylaws

Federal Data Strategy – FGDC Action (draft)

Revision of FGDC's Federal Data Strategy (FDS) Action 2019-2020:

- Integrate Geospatial Practices into the Federal Data Enterprise
 - NSDI Strategic Plan
 - Spatially Enable the Federal Data Enterprise
 - FGDC engagement on the Chief Data Officer's Council
 - Begin process to spatially enable the Federal data enterprise
 - Increase Access to Spatial Data Services through GeoPlatform
 - NGDA agencies to develop and publish inventory of data standards

Additional Action Recommendation to OMB for FDS Action Plan consideration:

- GSA to establish and manage an authoritative list of unique agency IDs and supporting API

Federal Data Strategy FGDC Pilot Project

- Received notice that OMB has chosen to fund an FGDC, FDS Pilot Proposal for FY 2020
 - A Federal Government Survey to identify high-value Geospatial Data Act investment requirements and incentives to prioritize and advance the Nation's Spatial Data Infrastructure
 - OMB encourages including input on GeoPlatform usability
 - Will rely heavily on contract support
 - Will provide input supporting future FDS actions
- Pilots expected to show proof-of-value for larger follow-on efforts
 - Possible expansion to an NSDI value assessment building on the pilot's efforts and including non-federal participation

A-16 Revision Release Update

- Small core team drafted: OMB, DHS, VA, DOI, DOC, FGDC OS
- Input for approach and consideration:
 - OMB direction on A-16 revision and A-16 Supplemental Guidance
 - Tiger Team work groups' impact analysis
 - NGAC recommendations on the work groups' analysis
- Core team met a 7-week turn around timeline
- FGDC OS staff developed initial working document
- Core team included representatives from the GDA Tiger Team workgroups
- For some GDA elements, additional FGDC technical guidance will be developed that can be updated outside of the Circular update process
- OMB release of the revised A-16 for agency review and response is pending

GeoPlatform/Data.gov Metadata Project

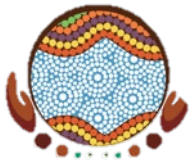
- ❖ Supports an FGDC action in the draft Federal Data Strategy Action Plan for 2019-2020
- ❖ Data.gov, GeoPlatform.gov, GSA, the NGDA Portfolio Team, and the GeoPlatform Managing Partner
- ❖ Agreed to test a representative sampling of geospatial metadata records being delivered by agencies to:
 - ❖ Improve the publishing workflows of federal geospatial metadata
 - ❖ Build a complete understanding of metadata transformations and available formats
 - ❖ Identify failing processes
- ❖ The NGDA Team identified 23 test records representing various formats and content

GeoPlatform/Data.gov Metadata Project cont'd

Results of the testing will be:

- ❖ Documented and analyzed to build a complete understanding of what transformations are occurring and the needs of these systems, along with any failing processes.
- ❖ Tracked (environment is being established) to establish consistent reporting tools for compliance with the Geospatial Data Act, the Evidence Based Policymaking Act and other federal requirements moving forward
- ❖ Shared with the FGDC NGDA and Metadata Working Group Community

Group on Earth Observations Ministerial



GEO WEEK 2019

Canberra Australia Over 1500 representatives

1



Building and Strengthening Partnerships

4 New Countries

New Total 109



EL Salvador



Guatemala



Sierra Leone



Tonga

9 New Participating Organizations

New Total 136



11 New Associate Partners

New Total 11



2



Open Data Policies



Access to 16 Meter Data
—Cover Earth Every 30 Days



Access to 10 Meter Data

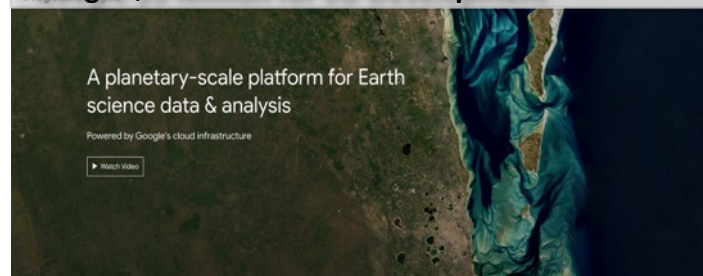


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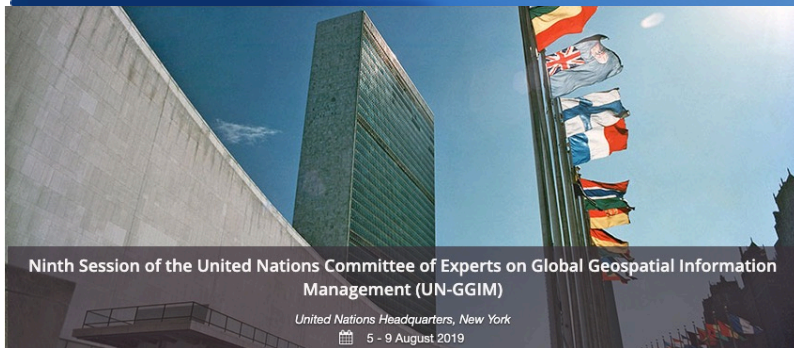


Capacity to Find, Get and Use EO

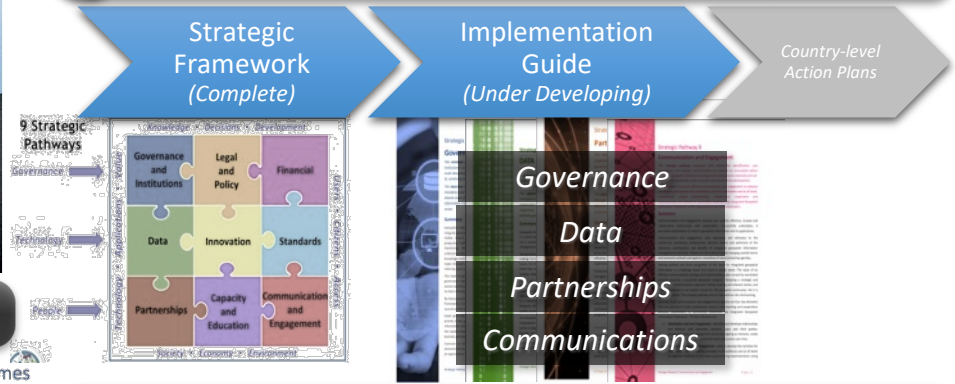
Google \$3 Million for EO Development



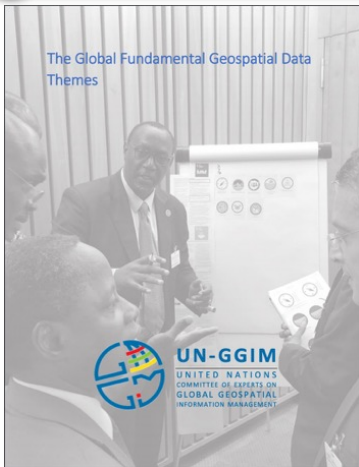
UNGGIM – August Meeting Takeaways and 2020 Planning



1 Integrated Geospatial Information Framework



2 Geospatial Data Themes

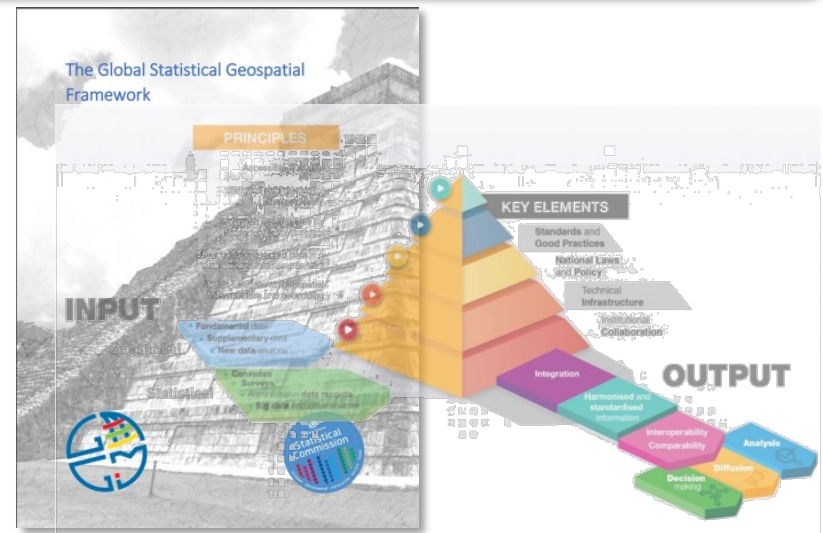


The 14 Global Fundamental Geospatial Data Themes



☒ Included in A-16 Theme or NGDA's

3 Integrated Global Statistical Geospatial Framework



FGDC / OGC Disasters Pilot Update

Phase 1 Pilots complete

- Videos from the September demonstrations posted
- Lesson learned and recommendations will be published on the OGC Disaster Pilot website as soon as possible

Right Information to the Right Person at the Right Time



DISASTERS RESILIENCE PILOT:

RIGHT INFORMATION TO THE RIGHT PERSON.
AT THE RIGHT TIME

HEALTH SDI: FACILITATING PUBLIC HEALTH
DURING A DISASTER

RAPID MONITORING OF SOIL MOISTURE SATURATION
AT HURRICANE LANDFALL

USING INTEROPERABILITY TO OPTIMIZE RESOURCES
ACROSS FLOOD DISASTER TIMELINE

LANDSLIDES: EARLY RESPONSE AND EVACUATION
UNDER LIMITED BANDWIDTH

FLOOD: RAPID FLOOD RISK MAPPING
AND PREDICTION

FOOD SECURITY: RAPID IMPACT ASSESSMENT OF
EXTREME WEATHER ON AGRICULTURAL PRODUCTIVITY

CONNECTING COMMUNITIES DURING DISASTERS
FOR TIMELY IMPACT ANALYSIS



Website: <https://www.opengeospatial.org/projects/initiatives/dp>

Videos: https://www.youtube.com/playlist?list=PLQsQNjNIDU84zs69bNX_QfZZCTHbq5YN



2019 NGAC Appointments

- ❖ Call for Nominations issued July 2019. Nominations used to fill NGAC vacancies in 2019 and 2020.
- ❖ Good response – many quality applications received.
- ❖ Interagency review panel evaluated nominations and developed recommendations.
- ❖ Nominations currently under review; final decisions on appointments to be made by Secretary of the Interior's office.
- ❖ 12 current appointments expire Dec. 31, 2019. New appointments will take effect Jan. 2020.

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.*

December 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 Schultz
	<u>Tribal</u> Garet Couch Byron Bluehorse

NGAC Charter/Bylaws

NGAC Charter

- Current NGAC Charter expires February 8, 2020
- Draft charter, with updated to reflect GDA changes, currently under review at DOI
- New charter to be finalized January 2020

NGAC Bylaws

- Current NGAC bylaws adopted 2008
- NGAC Operations Subcommittee developed revised draft bylaws – Sept 2019
- Draft bylaws currently being reviewed by DOI (along with draft charter)
- Should have feedback from DOI – January 2020

Thank You

Questions?