FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

Architecture & Technology Working Group (ATWG)
Tuesday, July 19, 2016
10:30 a.m. – 11:30 a.m. Eastern

Location: Main Interior (MIB)
Room 7457
1849 C Street NW
Washington, DC 20240

> **Please note that times indicated on the agenda are approximate and may vary based on discussion.**

To join the Webinar via WebEx:
Navigate to the following:
https://usgs.webex.com/usgs/j.php?MTID=mb2aa184e14f9ec042 69e0d753b661ef9

Audio Conference Instructions:
Dial Toll free: (855) 547-8255
Dial Local: (703) 648-4848
Code: 80878688

AGENDA

Time	Item	Presenter
10:30 – 10:35	**Welcome**	*William Mullen, DOI*
10:35 – 10:50	**Outstanding ATWG Requests**	*William Mullen, DOI*
10:50 – 11:10	**Status of Content & Services in GeoPlatform**	*Tod Dabolt, DOI*
11:10 – 11:25	**GeoPlatform Beta Test Feedback**	*ATWG Members*
11:25 – 11:30	**Action Item Review**	*Tom Myers, FGDC Support*
11:30	**Adjourn**	

ARCHITECTURE & TECHNOLOGY WORKING GROUP
MEETING MINUTES FROM THURSDAY, JUNE 23

MEETING MANAGER: Bill Mullen, DOI*

MEETING HOST: USGS

RECORDER: Tom Myers, FGDC Support

GUESTS:

Jerry Johnston, DOI/IOS, In-Person

Tod Dabolt, DOI/IOS, In-Person

John Mahoney, DOI/USGS, Phone

Randy Warren, DOC/NOAA, Phone*

Rob Dollison, DOI/USGS, Phone*

Glenn Guempel, DOI/USGS, Phone*

Rich Frazier, FGDC, Phone

Ted Payne, USDA, Phone*

Jen Carlino, DOI/USGS, Phone

Jim Irvine, FGDC Support, Phone

* indicates ATWG member

Status of Actions or in-work items directly impacting the ATWG

Action Items

- ATWG Members to provide comments on outstanding items in Request Tracker Wiki, notably organization-specific software and infrastructure requirements.
- ATWG Members to identify organization-specific policies that govern information publishing. Are there established procedures in differentiating official products from mashups and other informal products?
- Tom Myers to work with Technical Team to ensure ATWG members have access to GeoPlatform Wiki and Beta Test accounts.

Item:	Outstanding ATWG Requests
Lead:	Bill Mullen, DOI
Desired Outcome:	Identify a path forward to close outstanding requests.
Additional Participants:	Jerry Johnston, DOI; Tod Dabolt, DOI; Rob Dollison, USGS; Jen Carlino, FGDC; Rich Frazier, FGDC
Discussion:	- Bill Mullen, DOI: We are getting into the operational end of the business, which is a good thing. - Bill Mullen, DOI: Given technical difficulties we had with granting access to the Request Tracker wiki, I propose we extend the comment period by two weeks. - Jerry Johnston, DOI: Concur. - Bill Mullen, DOI: Rob Dollison added a new ticket proposing that we expand Map Viewer search to include all services registered in the catalog. - Jerry Johnston, DOI: Yes, currently the Map Viewer is working off a fixed list of services. The thinking is that the Map Viewer should provide access to all services in the catalog. There would need to be a way to highlight NGDAs. There needs to be some indicator of service quality; all Data.gov services should be discoverable, but they are not of equal quality. - Tod Dabolt, DOI: NGDA metadata records may not point to authoritative references. We need to review and validate the metadata records. - Rob Dollison, USGS: How do we handle cases where there are multiple services associated with an NGDA? - Jerry Johnston, DOI: FGDC is working on a profile of ISO metadata. One-to-many dataset to service relationships are included in the profile. - Jen Carlino, FGDC: The guidance is out there; we are working to formalize it. - Bill Mullen, DOI: Is there a process proposing and/or registering new services from a general user perspective? - Jerry Johnston, USGS: For NGDA, there is an established process. For non-NGDA datasets, users are encouraged to work with their respective departments and agencies to publish to Data.gov. There are organization-specific processes to consider. With that said, we are willing to work with users. There are datasets out there that would be valuable to include. As an example, the Harvard World Map Program has a robust list of services. Many are candidates for inclusion, but it will take time to work through them.

	o Tod Dabolt, DOI: Anyone can register a dataset on the Service Status Checker (https://statuschecker.fgdc.gov). Many of the datasets registered on the Service Status Checker are not available on Data.gov.
	▪ Rich Frazier, FGDC: Yes, we are tracking the datasets that are registered to Service Status Checker but not to Data.gov. We are looking into the level of effort required to get those datasets registered to Data.gov and GeoPlatform.gov.
	• Rich Frazier, FGDC: We noticed that the number of spatial resources listed on Data.gov is different than the number of resources in the GeoPlatform catalog.
	o Jerry Johnston, DOI: We will look into that.

Item:	Status of Content & Services in GeoPlatform
Lead:	Tod Dabolt, DOI
Desired Outcome:	Update the ATWG on the current status of content and services in GeoPlatform.
Additional Participants:	Jerry Johnston, DOI; Bill Mullen, DOI;

Discussion:	• Tod Dabolt, DOI: The MP have been talking about search and discovery. Specifically for NGDAs, it's a multifaceted challenge. We need to have services available and the metadata needs to point to those services. Jen Carlino is working on updated metadata guidance that will help data stewards update their metadata.
	
	• Tod Dabolt, DOI: The ATWG members are closer to the technology and business processes of their respective organizations. Given this, we would request that members make themselves available to explain how this effort is important to the user community.
	
	• Bill Mullen, DOI: The GeoPlatform is still willing to help host new services. What does this look like in practice?
	  o Tod Dabolt, DOI: On the infrastructure side, where possible, we'd aim to leverage AGOL. If AGOL does not have the necessary capabilities, we can take advantage of the secure services within the Amazon cloud. Some agencies, including USACE and EPA (NHD+), are already taking advantage.
	  o Bill Mullen, DOI: Are there any issues or concerns with hosting official government data on AGOL?
	  o Tod Dabolt, DOI: Service endpoints will use GeoPlatform.gov in the URL string. We have had conversations with Esri. We need to work out the implementation, but Esri is able to leverage a .gov path.
	  o Bill Mullen, DOI: Would there be a federal official responsible for the .com to .gov process?

	▪ Tod Dabolt, DOI: Yes. Esri is not publishing datasets in AGOL/GeoPlatform.

Item:	GeoPlatform Beta Test Feedback
Lead:	Bill Mullen, DOI
Desired Outcome:	Progress check for GeoPlatform Beta Test.
Additional Participants:	Jerry Johnston, DOI; Tod Dabolt, DOI; Rob Dollison, USGS; Ted Payne, USDA; Glenn Guempel, USGS

Discussion:	• Bill Mullen, DOI: We are looking for feedback on the Release 5 beta.
	  ○ Ted Payne, USDA: Was not able to reset password.
	    ▪ Glenn Guempel, USGS: Also had issues.
	    ▪ Rich Frazier, USGS: Also had issues.
	  ○ Jerry Johnston, DOI: We need to determine if this is unique to the UAT environment.
	  ○ Rob Dollison, USGS: One challenge that I had was with raster services not loading. There was also an issue with standard Esri WMS frame not loading and not recognized. Will submit through the feedback system.
	  ○ Rob Dollison, USGS: I liked the NGDA lifecycle report.
	    ▪ Ted Payne, USDA: USDA is now pushing out policy – August/September – that applies to authoritative data sources (ADS), including A-16. We will be doing same type of lifecycle assessment of ADS. That portion of site is amazing piece of work that shows transparency. This is the way in which all agencies should be going in the federal space.
	  ○ Rob Dollison, USGS: One challenge to think about. When the USGS publishes something out to the public as an official product, there is a publication process. GeoPlatform allows users to create mashups, but these are not necessarily official products.
	    ▪ Jerry Johnston, DOI: Different organizations have different policies for these types of things. We would be open to ideas from the ATWG on differentiating official products from mashups and other informal products. Do other member's organizations have relevant policies that are a part of science/data/open data/web publication processes?
	    ▪ Tod Dabolt, DOI: We have considered guidance in terms of rules and behavior, but not in the context of official/unofficial products. We have to trust our user community to adhere to their organization's policies and best practices. Whether it's a map or a dataset, it's a product.

	- Tod Dabolt, DOI: When we think about usage, another ask of ATWG is to work with their respective organizations to identify good cross-cutting use cases where we can highlight the GeoPlatform. - Rob Dollison, USGS: OGC has started a work group on quality of services, specifically user experience. The work group is newly minted. They are starting to explore community interest and quality indicators. - Jerry Johnston, DOI: Who is leading the exercise? - Glenn Guempel, USGS: It's an ad hoc group, current exploring interest in the community. I expect that it will evolve into either a domain or a standards working group. Will follow up.

LOOK AHEAD

Next Meeting:	August TBD
Meeting Focus:	TBD
Location:	USGS Reston