

Data Management Committee (DMC) Meeting Notes



Meeting Name: Monthly Meeting

Meeting Date: Tuesday 11/12/2019 1-3PM Mountain Time

In Person: NWCG Conference Room

Virtual:

<https://zoom.us/j/447464116>

Conference Line: (669) 900 6833 or (929) 436 2866

Meeting ID: 447 464 116

Attendees:	Attendees:
Laura Barrett	Cheryl Bright
Dianna Sampson	Paul Schlobohm
Emmy Harbo	Rick Squires
GaBriella Branson	Cole Belongie
Gina Papke	Skip Edel
Judy Wartilla	Lori Glaeser
Kevin Guerrero	Roshelle Pederson
Heather Castillo	Dave Burley

Agenda:

- Roshelle's Chief Data Officer Position
- Increase communication across IT Projects
- Data Cache Technical Plan
- NWCG Standards Database DOI CDO Engagement

Meeting Notes:

Roshelle's Chief Data Officer Position within WFIT: At some point, there will be a Data Management Program outside of WFIT but this is a right step in the right direction. Roshelle's role in this position is very flexible and for the DMC to decide. The FS and DOI share funding for this position (need to verify this with Rhonda Toronto). There's a lot of departmental level data direction coming down right now so the position is relevant now.

Communication: We've gotten feedback that WFIT doesn't communicate enough. WFIT used to hold quarterly meetings to communicate upcoming IT efforts such as IRWIN 6.0, IROC, and INFORM. Roshelle proposed the DMC take this on, similar to the approach we took with the "Red Lion" meeting. It is likely that the application teams will share their status while the DMC facilitates. We would want to keep the "presentation" part shorter and allow time for people to ask questions and have discussions.

Other topics will include GeoMAC, Data Cache, Weather, Aviation, etc.

We need to think about what committees should be involved – Coordination System (IROC), Reporting Committee (IROC), Fuels, etc.

Perhaps use communication folks to communicate this information.

(Group agrees that this is a good idea).

We have created a webform to put on the NWCG website so we can figure out what questions people would like the Data Cache to answer. The purpose is to poll the community and see what hard questions folks get that they have problems answering. We will use these answers to identify priority data that wasn't on our collective radar. We are also starting to look at products and forms that exist so we can discover how people are using data and what kind of scraping people have to do to get their answers.

Data Cache Technical Plan: Noblis will be in town the Week of December 2nd to discuss the Data Cache technical solutions. Steven Nelson is the Data Cache PM and the new FS Branch Chief.

This analysis and design plan will recommend technical solutions to support the Business Requirements identified by MBS. These solutions will be developed with the USDA/FS and DOI OCIO Staff to ensure the solution(s) will work with their vision.

Roshelle and Steve Nelson are also a Proof of Concept using RDF technology to help the community understand how this could help with the Data Cache. Considering connecting INFORM/IRWIN, WFMI FR DB & the FAMWEB Data Warehouse.

NWCG Standards Database: Tod Dabolt, DOI Chief Data Officer visited, with his contractors, in late October to discuss how the NWCG Standards Database can integrate with the department and the GeoPlatform. We demo'd our database and they demo'd their RDF capabilities, workflow management tool, and GeoPlatform.

They've been looking for a business are that's mature enough to build out a metadata centric capability on GeoPlatform:

Next steps:

- Setup a simple proof of concept workflow management capability.
- Conduct a week long workshop to transition our database into a formal ontology.

Tod wants to build a tool that builds a data discovery tool with an ontology.

Group decided that the ontology workshop could be during the week of January 6th 2020. Roshelle will check with Tod and team on whether this timeframe will work with them.

Subcommittee Round Robin:

GSC:

- We are focusing our conversation on projects that we're working
- Data standards are more of a priority

GTU

Potential source of funding for supporting S-341 in the Northern Rockies to support the standard. Paul may have found a solution for funding.

Cadre workshop: The cadres gets together and works on the update to GSTOP and how to teach the S-341

- Still moving S341 content from firenet to NWCG domain.
- Continue to update GSTOP.

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UIU

- Rick is retiring in December. Kara Stringer will take over his role as Co-Chair of the UIU with Gina Papke.

FRSC:

- Brad Harwood was on the FRSC call last week to discuss the interim data cache, INFORM and Irwin data. Brad is moving all of his servers onto the PAAS. There's a lot to discuss on this. Dianna is hosting a meeting in mid November 2019 to ensure all are coordinating on this effort.

DSTS:

- Making progress through terms and standards
- Emmy is the Liaison with the GSC
- Organizational Task Group: Working with Kara Stringer and Gina Papke - need to go through and see what data standards we need to review. IROC is using Host Unit and the OTC doesn't recommend the use anymore. A task group may need to be stood up to discuss unit IDs. Gina is seeing some different behavior in how people are using IDs. Need a UNIT ID redo. Steve Larrabee has some ideas on this and folks are interested. Clear deadline for this task group. IROC is going live this summer and we need some clarity on this data. Kara, Gina, Cole, and Roshelle will get together to figure out the logistics behind a Host Unit ID Task Group. Need to rebuild OIS and Unit ID.

DSIS:

- GaBriella is interim chair, we are meeting once a month (first Tuesday of each month)
- We invited Judy Wartilla to stay on the subcommittee after her detail and she agreed
- Regarding tying our work to the data strategy, we decided that we will focus on articulating where we've come from, where we're at, and where we're going.

Judy: Perhaps we should add services to the DMC radar.

Emmy: Creating a list of GIS reference layers, will post on Open Data Site.

Heather: ABS is moving to IBS but it wasn't well communicated. Not sure if there's anything we can do with our group but aviation reporting and dashboard items aren't there. Cole can elaborate on this. This is a good example of why we need better communications from IT project teams.

Cole: EGP meeting last week. Came to an agreement that INFORM is a high priority. Program board discussed data integration. We may be able to solve our data integration with a lighter capability, not always IRWIN. NIROPS annual meeting is this week – future of imagery collection on the agenda.

Paul: The request process for funding projects through NWCG is beginning this month. Your proposals are due in January. The funding is available to all committees but there's only about 3 we've given funding to in the past.

For the DSTS – we discussed ingesting the fire policy information from the 2009 implementation guidance from the Fire Management Board. Nancie is on leave but it will show up and be distinguished as federal definitions next week. The committees with stewardship for the terms involved are not telling us they want an extension or a second definition so we'll see what comments we get on review.

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At the PB last week, the FENC chair, Robyn Heffernan proposed development of the Fire Environment Mapping System (FEMS). This has the functionality that many applications have, like WFMI Weather, WIMS, etc. with added capabilities like gridded weather. The PB was supportive of moving forward with this effort as it provides an opportunity to collapse multiple technologies into one and provide more business capability. More to come on what that means.

Action items below are carried over from September meeting. "Report back" dates pushed to November because of Roshelle's absence and other factors.

Lead	Other members	Committee	Action	Report back
Roshelle		DMC	Get and share results of the Data Management Program Maturity Assessment <i>Update: Request to DOI, will follow up.</i>	November
GaBriella		DSTS	Consider the review process for data standards. Should interested stakeholders be given the opportunity to review a proposal before it is posted for public comment? <i>NWCG Decision: Primary and co-stewards will coordinate with identified Key Stakeholders prior to submitting the proposed glossary entry or standard to the DSTS for public review. This means most committees will use the public comment process to provide feedback. CLOSED</i>	Nov DMC Meeting
Dianna	GaBriella, Emmy	FRSC	Re-work Fire Size data standard <i>Ongoing – FRSC program of work</i>	Within FRSC
Roshelle		DMC	Contact the previous Incident Complex and Merged Fire task group members and schedule meetings to review current guidance. <i>Update: Original group contacted, reviewing group membership, plan to meet in early February.</i>	Nov DMC Meeting

Next meeting:

Next DMC Meeting Dec 9, 2019 1pm – 3pm MT