NWCG IFPC/GSC
WFDSS Next Gen Update Call
Agenda: 11/15/2021 1100-1230 (MST)

Invitee

IFPC
Missy Forder - NPS
Justin Boeck - BLM
Peter Butteri -FWS
Mike Butteri - States
Gwenan Poirier-BLM
Kristy Swartz – DOI OWF
Reeve Armstrong - BIA
Laura Harger - BOR

WFDSS
Wesley Hall -RD&A
Susan McClendon – RD&A
Andrew Bailey – DOI OWF

GSC
Skip Edel - NPS
Kathy Hansen - NPS
Cameron Tongier - FWS
Jayvion Chee
Katherine Hansen – NPS
Steven Kovach - FS
Jill Kuenzi - FS
Julie Osterkamp - BLM
Dianna Sampson - BLM

NOTES

WFDSS Next Gen Update/Overview; Wesley Hall - Product Owner, Susan McClendon RD&A, Andrew Bailey- former RD&A, now OWF

- Currently in early development of application
- Focuses on services and data services, not housed within application itself
- Map centric so user can use data to support decisions on the ground
- Up next is relative risk, then spatial strategy
- WFDSS Next Gen will try and move away from a focus on the WFDSS words "MR/SO, COA" and more to the guidance and requirements for that given area.
- Working on test environments and dealing with user authentication challenges
- User Groups are targeted for next Spring.

Spatial Fire Planning Services

- Utilize services while allowing the user to update information as needed
- Take RD&A out of much of the data management and allow agency data stewards to update and maintain data through a service
- Services will be through ArcGIS Online
- Currently thought is that service will be structured with 1 national service but will have various "views" for each agency and how each agency decides to break-up data stewardship
- Still need to determine who and how agency data will be managed.

Data/Unit Direction

- All spatial data and associated information will be migrated over from classic to NextGen
- Only information "tied" to spatial data will be migrated over. Discussion on amount of data in current WFDSS that is "not tied" to spatial data and if that would be lost.
- Discussion of how much outdated/non-relevant data is in WFDSS that would be good to clean up prior to migration and the needed lead time for GAEs to message that
- Migrate all data or "opt in" or "opt out"
- At least a year out until the data migration portion

Feedback

- Suggestion to have category of type of "direction" i.e. natural, cultural, infrastructure etc. tied to the shape or text to allow for filtering/viewing. This may be complicated from the technical aspect; Skip may have a solution.

- Suggestion to potentially include categories with shapes – wildfire direction unplanned and planned and post-fire rehab. Discussion if this would be feasible or if the prescribed fire and post fire info would fit better in another service.

ACTION ITEMS

1. Agencies can send 2 suggested unit names to Susan and Wesley for test conversion ASAP. Looking for examples of "good" and then "bad/ugly" for testing/demo.
2. Send any final comments on spatial planning service white paper to Missy by 12/6. Missy will send consolidated comments to Wesley.
3. January demo for IFPC/GSC - Date TBD.
4. Changes to shape data (categories) need to be fleshed out in winter/early January with demo.
    - WFDSS can use assistance from IFPC with name/description of shape polygons and GSC would assist with the data standard. Send any feedback by email or in the white paper.
    - I am throwing out an idea for **Unit-Wide Guidance, Sub-Unit/FMU Guidance, Multi-Unit Guidance and Sub-Unit Requirements.** I think the overlapping/non-overlapping in the name will be confusing to non-GIS people.
        a. Non-Overlapping Unit-Level *(WFDSS currently calls this the "Unit Outline" and applies fire planning language entered as "Unit Wide Objectives" to these polygons.)*
            i. A set of shapes that reflect the administrative boundary of a jurisdictional agency unit such as a National Forest, National Park, or BLM District.
            ii. Language tied to these shapes is intended to apply everywhere on the unit.

        b. Non-Overlapping, Sub-Unit Shapes *(WFDSS currently calls these shapes "FMU" or "Strategic Objective" shapes.)*
            i. A set of shapes contained within a jurisdictional agency unit boundary, that represent land where fire planning language applies, but does not overlap other sub-units.
            ii. Examples include situations where one set of language applies to WUI areas, and another set of language applies to backcountry areas.

        c. Non-Overlapping Multi-Unit Shapes *(Examples include statewide fire management agreements like the Alaska Interagency Fire Management Plan, or direction from multi-unit land/resource management plan amendments.)*
            i. These shapes represent multi-unit management direction, where the boundaries in which the direction applies cross jurisdictional agency unit boundaries, but do not overlap each other.
            ii. WFDSS currently implements this by adding specific layers like the Alaska Fire Management Options and BLM Sage Grouse Management Requirements layers.
            iii. Rather than managing these as individual layers subject to a WFDSS data refresh plan, a new process will be developed to grant permissions to appropriate personnel who can manage these regional or multi-unit shapes to ensure that data is accurate and current.

        d. Overlapping, Sub-Unit Shapes *(WFDSS currently calls these shapes, management requirement shapes.)*
            i. A set of shapes that are within a jurisdictional agency unit boundary, that can overlap the other types of shapes and each other.
            ii. Examples include fire planning language that apply to specific pieces of ground, such as a nesting habitat or specific value at risk, but do not change the prevailing fire management language associated with a non-overlapping sub-unit or unit-level shape.