

FGDC National Boundaries Group - Federal Lands Working Group (FLWG) Webinar Notes

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All participants are muted upon entry - use ***6 to unmute** a landline

FLWG Meeting Objective: Hear updates about the WDPA, PAD-US 2.1, and learn about data compiled by the National Geospatial Program to complement lands data (structures, trails, roads, rec amenities).

DRAFT Agenda Outline

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Welcome and brief announcements

- New participants or guests?
 - Stu Gregory - Rec.gov contractor
- Announcements?
 - FLWG meeting invites - start over given email transition
 - PAD-US / FLWG contributions for Wildland Fire Month
 - New Census base map application in development - an overview will be shared when complete
 - An application supporting the dam failure in MI - used PAD-US (IGEMS application? **Ask Nancy**) but wanted to know if any

campgrounds are the area they need to evacuate (example of natural connection between lands and rec data)

World Database for Protected Areas (WDPA) - 2.0 update in progress

- The UNEP - World Conservation Monitoring Center (WCMC) integrating PAD-US 2.0 derivative into the WDPA now, release expected **early July**
 - WCMC tracks progress toward global biodiversity protection status targets (Target 11 - 17% terrestrial, 10% marine) for the Convention on Biological Diversity through the WDPA available at: Protectedplanet.net
 - **Aichi Target 11 dashboard** (<https://www.protectedplanet.net/target-11-dashboard>) for official protection statistics recognized globally or here for more information and statistics on the USA's protected areas (currently reflect PAD-US 1.4): <https://www.protectedplanet.net/country/US>.
 - PAD-US 2.0 derivative used in global analyses for the ProtectedPlanet 2020 report
 - Report planned for release at 15th meeting of the Conference of the Parties (COP-15) to review achievements of the CBD Strategic Plan for Biodiversity 2011-2020 (currently postponed).
 - Includes GAP Status Code 1&2 areas from PAD-US only (primarily managed for biodiversity protection)
 - Translated into the WDPA format - USGS maintains WDPA Site ID (many challenges) - thanks to Mason Croft.

PAD-US 2.1 Status

- Good news - all agency data received **on time**
- **Input files (27)** include federal fee parcels and easements (where available) + management designations, data for pre-preprocessing (e.g. BLM Field and District Office Names), and Marine Protected Areas.
- **Data translation** to PAD-US format and **QA/QC complete**
- **Easement update** in collaboration with NCED **in progress**
- **Federal lands theme** review to transfer PAD-US value added attributes - 90% complete

- Creates a unit/record level join between new agency data and PAD-US 2.0 to transfer attributes not maintained in agency source files (e.g. GAP Status, Public Access, WDPA Site ID, Date of Establishment).
- **Next** - PAD-US Team will share draft federal data with agency data-stewards for brief review asap.
- **TPL urban parks** (+ DU land trust fee preserves) data integration in progress.
 - ParkServe is a national project by the Trust for Public Land that inventoried urban parks data for nearly 14,000 cities, towns, and communities across the country.
 - Completing the inventory by 2020 - This important data contribution will bring many states that didn't have complete parks inventories up to date.
 - Some states already contribute urban park data to PAD-US, so data are planned for integration into PAD-US in a way that prioritizes filling data gaps over replacing existing data from local sources.
 - Integration rules and script revised following refinement of prioritization rules by Mackenzie Case (SLWG Lead) and testing by GreenInfo Network.

FLWG Action - Summarize available data to complement lands (structures, trails, roads, rec amenities)

- March FLWG Notes and Action
 - Many questions during Esri GIS and from base map providers (Google, Here.com) about the relationship between PAD-US lands and other data
 - Many ask: is there another database with recreational facilities, amenities, trails roads?
 - Topic out of FLWG scope (federal land and water) but our network of contacts and model of data aggregation could help other efforts, outreach

- o **Action: Maintain connections** and share common message from RIDB/ Federal Lands Roads WG / USGS NGP
 - Don't want to duplicate, merge efforts, be careful about authority
- o **Action - Need update from Rec.gov** re status of their rec amenity aggregation efforts in RIDB.
 - Stu recently retired and is not able to give current updates
 - **Action - RIDB contractor to share updates in July?**
 - Current links to available data:
 - RIDB data downloads: <https://ridb.recreation.gov/download>
 - RIDB API: <https://ridb.recreation.gov/docs>
 - Only have amenities data for reservable sites as provided by agencies - varied status of completion.
 - Only available record by record if on Rec.gov
 - API available
 - Is the download available in other formats? CSV, JSON only at this time.
 - **Others interested in .shp or tabular format** - discuss with contractors (next call)
- o **Action - USGS NGP Support Theme Presentation (15 mins)**
 - "Support Themes - Overview for PAD-US" Presentation available [here](#).
 - Greg Matthews (USGS National Geospatial Program) - gdmattews@usgs.gov
- o Structures (e.g. schools, fire stations, Cemetery)
- o Recreation points of interest (e.g. campground, picnic, trailhead, visitor center, ranger station, park HQ, shelter)
 - Available for federal lands, some State (see slide 5)
- o Trails database - over 200,000 miles aggregated (Jan 2020)
 - See slide 6 for estimated completeness by category and agency
- o Access data - The National Map Viewer or Service Endpoints, US Topo Maps, Staged Products for Download - see slide 10 for links.
- o Interested in other related efforts in progress to collaborate with
- o **Questions/Comments**
 - Ron Salz - Can you talk about GNIS and its role in supporting your mission?

- o Greg/Laurie Temple: Physical features are maintained. GNIS is discussing options to maintain support theme features but not sure at this time.
- Nancy - How does the structure data in the National Map compare to the data in the Homeland Security dataset?
 - o Greg: we collaborate closely with HIFLD, working with us on schools, fire stations, tunnels, other data not provided directly from agencies (used as a supplement to agency data - intention not to duplicate but some exists)
 - o Laurie: HIFLD a good source for aggregated data in a hurry - not always updated frequently.
- Dierdre - **Re Census Bureau's "administrative boundaries" (referenced in USGS presentation):** Census NGDAs that are included in PAD-US directly (states) or used to summarize PAD-US Statistics (states, counties), are referred to as "legal boundaries" in Census lexicon, in metadata, and official documentation for programs like the yearly Boundary and Annexation Survey (BAS). "Administrative areas" and "statistical boundaries" are used to support specific Census tabulations and delineations, and apply to a different set of geographic entities that are not currently aggregated in the PAD-US. This may seem like a minor quibble, but in order to avoid confusion, **the NGDAs for states and counties should be referred to as legal boundaries**, not administrative boundaries, in PAD-US documentation and meeting notes.
- Deirdre - **Re International Boundary Commission data (referenced in USGS presentation):** The Census Bureau integrates the two NGDAs for the International Boundary Commission (IBC) boundary for U.S./Canada border, and the International Boundary and Water Commission (IBWC) boundary for U.S./Mexico border for all bordering state and county boundaries. The integration of the IBC and IBWC boundaries is documented in the yearly Governmental Units Theme Implementation Plan and communication with these two boundary commissions is ongoing throughout the year. The Census Bureau's legal boundaries for states that are

currently aggregated in the PAD-US are the most current and accurate data for U.S. international border delineations.

- o **Action - Need summary** from FLWG to articulate rec data status, scope, data access, contacts (share with interested base map providers (HERE, Google, Esri) and the general public (add to [PAD-US Help](#) and / or FLWG website)

FLWG Action - Base map guidance reference in GDA Report?

- **Action: Geospatial Data Act (GDA) documentation - Did anyone mention the FLWG and / or products (e.g. base map guidance for the public outreach section)?**
 - o Julie (USGS) - The FLWG was highlighted as an important partner in PAD-US development and PAD-US was well represented in the overall USGS response. Not sure about exact questions.
 - o Roger (NPS) - FLWG and base map guidance was included in draft NPS response but not sure how/where in final response.
 - o Ron (FWS) - FLWG/PAD-US was included in all questions about data sharing, public outreach, data aggregation in FWS response. Not sure about exact questions.
 - o Deirdre (Census) - The Census Bureau listed all NGDA themes, subcommittees, working groups, subgroups and included membership rosters to show multi-sector participation in the Department of Commerce OIG report.

This is the text about the FLWG:

- The FLWG operates under the National Boundaries Group Charter to, “develop nationally consistent boundaries that are integrated using the same geographic base. The goal is to make sure federal boundary sources are consistent, accurate, and integrated.” The FLWG aggregates federal parcel ownership and management boundaries, provided directly by land management agencies, in the common US Geological Survey (USGS) Protected Areas Database of the United States (PAD-US) format to fulfill common agency needs. The FLWG information sheet is available at the following link:

<<https://communities.geoplatform.gov/ngda-govunits/wp-content/uploads/2020/01/FedLandsInfo2020Jan21.pdf>>, and attached (**Census 2.4**).

- Note: the PAD-US is an NGDA for the Cadastral Theme; the subgroup reports on activities to the NBG. The following is a vision statement for the PAD-US:
<<http://www.protectedlands.net/vision/>>.
- The FLWG Subgroup membership roster was also attached (**Census 2.5**)
- Deirdre will inform the FLWG and USGS if anyone asks for additional clarification from DOC.

Schedule next call

- Move to Microsoft Teams and cancel Zoom meetings
 - Migrate FLWG meetings to Teams given DOI restrictions (DOD using Teams as well).
 - Lisa will cancel zoom meetings
 - Roger will send out new invites
- **Wed, July 8th (3-4 ET)**
 - PAD-US 2.1 status
 - RIDB updates
 - NPS challenges and success stories
 - Base map updates

Future webinars

- Persistent Identifiers (UID)
 - USGS includes available UIDs from agency source data in PAD-US “Source Protected Area Identifier (PAID)” (and the

parcel level “Source UID” field in previous PAD-US updates) but it is not fully functional - low hanging fruit to fix in federal theme. Supports connections to other data (e.g. Rec.gov/RIDB, World Database for Protected Areas and improves the efficiency/accuracy of PAD-US updates.

- o PAD-US viewer demos
- o Agency news? (Overview and updates assoc with lands data systems or applications - 20 mins)
- o Federal Topology (Boundary Overlaps) Project Updates

- o Location and priority topics for next FLWG Face-to-Face meeting

- o Update from FGDC - How does Geospatial Data Act relate to FLWG?
- o Relationship between Cadastral Subcommittee and the FLWG (Cadastral Subcommittee restart Sept 23rd)
- o Relationships between State and Federal data (ex: overlaps with state/federal data) - potential to better coordinate