

NTS GIS Network- Meeting Minutes

Tuesday, October 16, 2018, 1:00 pm Mountain Time (12pm PT, 2pm CT, 3pm ET)

MEETING AGENDA

1. Welcome & Introductions (Ryan Cooper/Peter Bosnall/Kerry Shakarjian)

Meeting Attendees:

1. Lisa Johnson (Presenter) - PAD-US Coordinator, Boise State University
2. Stafford Hazelett - Portland, Oregon; member, Oregon-California Trails Association
3. Charles-Andre Roy -
4. Liling Lee - Bureau of Land Management
5. Jason Ferrier - Trailhead Labs
6. David Fothergill -
7. Andrew Rogers -
8. Matt Robinson - National Park Service, Appalachian Trail
9. Tiffany Stram - GIS/IT Specialist, Ice Age Trail Alliance, Cross Plains, WI
10. Larry Short - SFTA
11. Don Owen - Partnership for the National Trail System
12. Gita Urban-Mathieux - USGS National Geospatial Program, Federal Liaison
13. Charlyne Smith -
14. Victoria Smith-Campbell - USFS Regional Coordinator
15. Jereme Monteau -
16. Megan Wargo -
17. Angie Southwold - NPS Alaska Region GIS
18. Sandra Broncheau-McFarland - USFS Nez Perce National Historic Trail

2. Announcements & Information from Audience

- a. [2018 National Trails Conference](#), Vancouver, WA - Oct 22-25, 2018.
- b. REI celebrates 50 years of National Scenic Trails with merchandise and interactive map:
https://www.rei.com/blog/national-scenic-trails?cm_mmc=sm_fb_-impact_agenda-_national_scenic_trails_-blog

3. Discussion Topic

Presenter – Lisa Johnson, PAD-US Coordinator, Boise State University

The New and Improved PAD-US 2.0

The U.S. protected areas network, represented by PAD-US, is the largest and most diverse in the world. Learn how the new PAD-US 2.0 database supports users by separating components such as fee owned parcels, overlapping designations, easements, Proclamation boundaries and marine areas for various applications. This is a major update of federal lands, 30 states, and much more.

Hear about the progress of the FGDC Federal Lands Working Group in developing the federal estate for PAD-US 2.0, including updates from the Federal Recreation Council using PAD-US to help people find public land. Learn about recommended guidance for base map developers and view summary reports for the nation, states, or by agency. Discuss inventory completeness estimates, efforts to update database technology and complete PAD-US by 2020. Ask questions or share feedback to improve your experience with PAD-US.

Notes:

- PAD-US - Protected Areas Database of the U.S.
 - currently soft launched, not officially announced by USGS as of this presentation
 - sciencebase.gov official launch will be at this website
- Includes all 50 states and U.S. Territories.
- Scope has expanded to include lands and waters beyond conservation.
- Geodatabase with attributes that can be filtered.
- 2.0 has updated more acres, fee lands, overlapping land designations including congressional designations

- (wilderness), marine areas, and more.
- Published by National Biogeographic Map.
 - Focus is on boundaries of the areas and their descriptors.
 - Eight agencies supporting the effort and contributing.
 - Steward Reports summarize federal data completeness.
 - Over 30 states updated.
 - State details can be found at: www.protectedlands.net/data-stewards
 - National Conservation Easement Database data can be found in PAD-US.
 - The most significant change is the new database structure that further separates the data layers such as Fee Lands and are separated from Designation. Improved management of overlapping data for easier mapping and analysis.
 - Ryan asked if federal lands owned vs managed by an agency are differentiated? **Use the Manager Name field for best results.** Some federal agencies have land where ownership is “unknown”.
 - Excel file with pre-calculated statistics available for more detail.
 - Web maps and reports being updated.
 - Newly added online help system.
 - Federal lands are almost complete. State data is mostly complete. Local government has a lot of data gaps but working on improving. Non-governmental organizations are helping to contribute to improve the PAD-US data.
 - gapanalysis.usgs.gov/padus
 - protectedlands.net/uses
 - Draft development of guidelines for basemap providers such as used in cars, phones, etc to use PAD-US to provide the best data available on their basemaps.
 - In the GIS data, *Local Owner* and *Local Manager* attributes mean data provider.
 - Trail corridors are in PAD-US due to having to use polygons. No trail lines included.
 - Still need more trail corridors in the database.
 - PAD-US goal is to update it annually but has been updated 6 times in the last 9 years.
 - [Livestream panel discussion link on PAD-US](#)

4. Future Meeting Dates & Topics

- a. Nov 20, 2018 – Peder Nelson, GLOBE Observer and the NASA Earth to Sky initiative for the National Trails System
- b. Dec 18, 2018 – No call this month, enjoy the holidays!
- c. Jan 15, 2019 – TBD

We always welcome suggestions for additional topics for discussion or presentations. Please contact Ryan Cooper, Peter Bonsall, and/or Derek Nelson with your suggestions!

NTS GIS Email Address: ntsgis@nps.gov

NTS GIS Network Email List: ntsgis@webmail.itc.nps.gov

NTS GIS Network Website: <http://pnts.org/new/national-trails-system-gis-network/>

NTS GIS Network Mission:

We established the NTS GIS Network as a way to connect the diverse array of National Trails System staff and partners who use GIS systems and products in their work. One of our goals is to facilitate the sharing of information and tools that help us do our jobs more efficiently and innovatively. Because the national trails system is managed as a collaboration of agencies and partner organizations, the NTS GIS Network is open to anyone.