

NTS GIS Network- Meeting Minutes

Tuesday, May 21, 2019, 1:00 pm Mountain Time (12pm PT, 2pm CT, 3pm ET)

MEETING AGENDA

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

Meeting Attendees: (Peter Bosnall, Kerry Shakarjian)

1. Greg Matthews - USGS. Trails Aggregator (Presenter)
2. Madison Vandersee - NTIR SCA Intern
3. Jeff Kessler -
4. Denise Wesley -
5. Rob C - RobLabs.com/3LineMaps.com
6. Brian Wright - USGS National Map Liaison - Alaska
7. David Fothergill - USFS Enterprise Program
8. Gita Urban-Mathieux - USGS National Geospatial Program, Federal Liaison
9. Elizabeth McCartney - USGS/NGTOC
10. Candace Bogart - USFS Region 3 GIS
11. Tiffany Stram - GIS/IT Specialist, Ice Age Trail Alliance, Cross Plains, WI
12. Don Owen - Partnership for the National Trails System
13. Victoria Smith-Campbell - USFS Region 2 GIS Coordinator
14. Sandra Broncheau-McFarland -
15. Jeff -
16. Dennis Garcia - USFS Region 3

2. Announcements & Information from Audience

- a. Partnership for the National Trails System has a new address: 306 E Wilson, Suite 2E, Madison, WI 53703

3. Discussion Topic

Presenter – Greg Matthews, COU Coordinator, User Engagement, US Geological Survey (GCMatthews@usgs.gov)

Increase Access and Expand Recreational Opportunities on the Nation's Public Lands by Connecting Trail Systems

Our Nation is home to a vast network of recreational trails traveled by millions of citizens. This trail network varies in age from hundreds of years old to brand new and varies in purpose from recreation to providing critical transportation routes. The trails also vary by managing organization. Because of this varied legacy, existing trails do not form a coherent, connected network. The overall objective of this project is to increase the connectivity within this network.

Notes:

- National Digital Trail Project
- Goal 1: USGS GIS Decision Support Tool
- Goal 2: Data Aggregation (National Digital Trails Dataset)
- Goal 3: Collect and Improve via Crowdsourcing (mobile responsive application)
- Study Area - Grand Junction, CO - looking at considerations for suggesting new trail locations based on landscape barriers (elevation, road network, surface water)
 - GIS Decision Support Tool uses USGS 3D elevation data to get slope/elevation
 - This tool is a decision making tool
 - Can use minimal paths to connect trails together (or use more paths)
- Trail Collaboration Efforts - multiagency, state, private partner trail aggregation
 - Different agencies are at different phases of getting trails compiled
 - Planning to gain more trail data in the future from contributors
 - All in one common database/schema
- Also aggregate Recreation Points of Interest from partners for cartographic products
- All data can be found on the NationalMap.gov (transportation) as file geodatabase format
 - National Map GIS data <ftp://rockyftp.cr.usgs.gov/vdelivery/Datasets/Staged/>
- Victoria question: Have you worked with the recreation leads who are not geospatial?
 - Always start with the Feds and get feedback
 - Would like to work with private sector/local government - the tool will work with non-federal lands as well
 - Would like to work with the Recreation leads as well but have only focused on GISers - need the contacts for

recreation leads

- Tool will eventually be available to partners but currently only feds
- Advance settings in version 2 to change settings and add your own data for visuals

4. Future Meeting Dates & Topics

- a. **June 18, 2019** – Matt Able, US Forest Service, Survey 123 Application for Trail Maintenance.
- b. **July 16, 2019** – Ryan Branciforte, Cofounder & CEO at www.OuterSpatial.com, and Jeremy Wimpey, Ph.D. of appliedtrailsresearch.com, GIS Support & Analyses Along the Pacific Crest Trail and Appalachian Trail.
- c. **August 20, 2019** – Angie Southwould, Acting Alaska Region GIS Coordinator, Gathering and Organizing a GIS Inventory of Trail Assets.

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.