NTS GIS Network- Meeting Minutes
Tuesday, May 15, 2018, 1:00 pm Mountain Time (12pm PT, 2pm CT, 3pm ET)

MEETING AGENDA

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

   Meeting Attendees:
   1. Sarah Rivera - presenter
   2. Stafford Hazelett, Portland, Oregon, member of Oregon-California Trails Association
   3. Kristine Struck - Lewis and Clark NH, NPS
   4. Sam Limerick -
   5. Luke Jordan - North Country National Scenic Trail (NPS)
   6. Tiffany Stram - GIS/IT Specialist, Ice Age Trail Alliance, Cross Plains, WI
   7. Dan Wiley - Chief of Resources Stewardship, Lewis and Clark NH
   8. Greg Matthews - USGS. Trails Aggregator
   9. Lindsey Kiesz - FS, Pacific Northwest NST
   10. Matt Schulte -
   11. Jen Carlino - RISD, WASO, NPS
   12. Evan -
   13. Joanne VanCoevern -
   14. Larry Short - Sante Fe Trail Association
   15. Coreen -
   16. Shelley Gregory -
   17. Glenn Harrison - Oregon-California Trails Association member

2. **Announcements & Information from Audience**
   a. Notes from previous calls can be found on the NTS GIS Network site:
      http://pnts.org/new/national-trails-system-gis-network/
   b. PNTS Events Page: http://pnts.org/new/events/
   c. National Trails Day - June 2, 2018
   d. ESRI UC San Diego - July 9-13, 2018

3. **Discussion Topic**

   Presenter – Sarah Rivera is a GIS Specialist for the National Trails Intermountain Region, Salt Lake City office. She has been in the NPS since August 2016 mostly working as a pathways intern. After graduating from the University of Utah in Fall 2017 with a B.S. in Geography and M.S. in GIS, she was converted to a full-time GIS Specialist for NTIR.

   The National Trails Intermountain Region's Sign Plan Program
   We will explore how NTIR uses GIS to support the process of signing the 9 National Historic Trails. This is a multi-step planning process that involves our Design and Development team, GIS team and partners of the trails. ArcGIS Online and python play a key role in the sign plan program. ArcGIS Online serves an interactive interface for our partners and database for our signs while python automates organizing and extracting a plan from the online database. The final product is a sign installed on the ground representing a trail route.

   Notes:
   - Work closely with Landscape architects for the sign program, they lead the program
   - Sign Plan Program: Follows National Trail System Act, raise public awareness, opportunities to collaborate
   - Goals: standardized signing approach for all NHT's
   - ArcGIS Online (AGOL) utilized
     - AGOL headless account
     - Partners access AGOL using a google form to gain access to the Sign Group
   - Road signs are the most common type of sign
     - Auto Tour Route/Historic Route
     - NHT Site sign
     - NHT Crossing
     - Custom sign - not usually part of the standardized signs
   - Road Sign Plan Report Tool - run by python script outputs pdf report
     - provides cost estimates and specifications of proposed signs needed

- provides maps of signs locations to be installed
- Communities engage in installing the signs and may make an event out of it
- ArcGIS Pro doesn't have the Report functionality yet so currently cannot convert from ArcMap to ArcGIS Pro
- Directional signs can be a problem for Department of Transportation but the other signs don't seem to be a problem

4. **Future Meeting Dates & Topics**
   a. June 19, 2018 – TBD
   b. July 17, 2018 – TBD
   c. August 21, 2018 – 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.