

--- MEETING AGENDA ---

1. Welcome & Introductions (Ryan Cooper/Brian Deaton)

a. Please use the Teams chat to enter:

- i. Your First/Last Name
- ii. Your Organization and/or National Trail Affiliation
- iii. Your Answer to: ***What should be our network focus for the upcoming meeting topics and presentations? Will you present or help locate presenters? Are there any topics you'd like to see this group discuss or cover?***

b. Meeting agendas and presentations are uploaded to the [PNTS website](#).

c. Announcements

2. Discussion Topic

Presenters:

- Brian Taylor (Associate GIS Analyst) - Logan Simpson
- Mary Geisinger (Environmental Planner) - Logan Simpson

Butterfield Overland National Historic Trail Digitization Methodology and Application

With the addition of a new National Historic Trail and evolving technology, a new approach was taken to improve centerline identification utilizing LiDAR rendered hillshades to find impressions of the Butterfield Overland National Historic Trail. Referencing against digitized historic GLO maps and USGS topographic maps as well as historic records of the trail, Logan Simpson identified 1,600 miles of potential trail trace still present within the modern landscape of the Butterfield Overland National Historic Trail. Learn about their methodology and how this can be applied to other National Historic Trails and their planning processes.

3. Future Meeting Dates & Topics

a. Jan 19, 2026 - TBD

b. Apr 21, 2026 - TBD

We always welcome suggestions for additional topics for discussion or presentations. Please contact us with your suggestions using the email address below.

NTS GIS Email Address: ntsgis@nps.gov

NTS GIS Network Email List: nps-ntsgis@doimsp.onmicrosoft.com

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.