

--- JOIN THE MEETING ---

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--- MEETING AGENDA ---

1. Welcome & Introductions (Ryan Cooper/Brian Deaton) 5 min.

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 in 2020?***

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

a. Announcements & Information from Audience 5 min.

a. Additional updates?

i. Discussion Topic 45 min.

Presenter: Andrea Ernst, GIS Specialist, Zia Engineering & Environmental Consultants.

GIS Summary Butterfield Overland National Historic Trail General Land Office Plat Maps Digitization

The National Park Service - National Trails Office (NTIR) as administrator of the Butterfield Overland National Historic Trail (NHT) is currently developing the comprehensive plan for the NHT. The NHT is 3,292 miles long, crosses seven states, and was designated to commemorate the impact the Butterfield Overland Mail service had on the shaping of the nation. Part of the comprehensive planning effort is reviewing and refining the NHT as displayed within feasibility study. The newly established NHT provides NTIR the opportunity to use updated methods for delineating the alignment of the NHT including georeferenced historic maps, high resolution imagery, and Light Detection and Ranging (LiDAR) low sun angle hillshade derivatives. NTIR contracted the first step in this refinement process involving digitizing the alignment of the NHT from historic general land office (GLO) plat maps. The presentation will go over the process/methodology of the project, best practices, results, and recommendations for future work.

2. Future Meeting Dates & Topics 5 min.

- a. October 15, 2024 - Mitch Meyer, NPS, and Shea O'Connor, UNH, Developing GIS models for the Lewis and Clark NHT Natural Resources Strategy
- b. **January 21, 2024** - 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.