



# ***Annual Toolik GIS Report***

# Overview

- **Highlights From 2014**
- **Update on the BLM Cultural Resource Management Plan**
- **Website Updates**



# Requests Completed

**2011: 257 Requests from 33 Institutions**

**2012: 219 Requests from 31 Institutions**

**2013: 215 Requests from 28 Institutions**

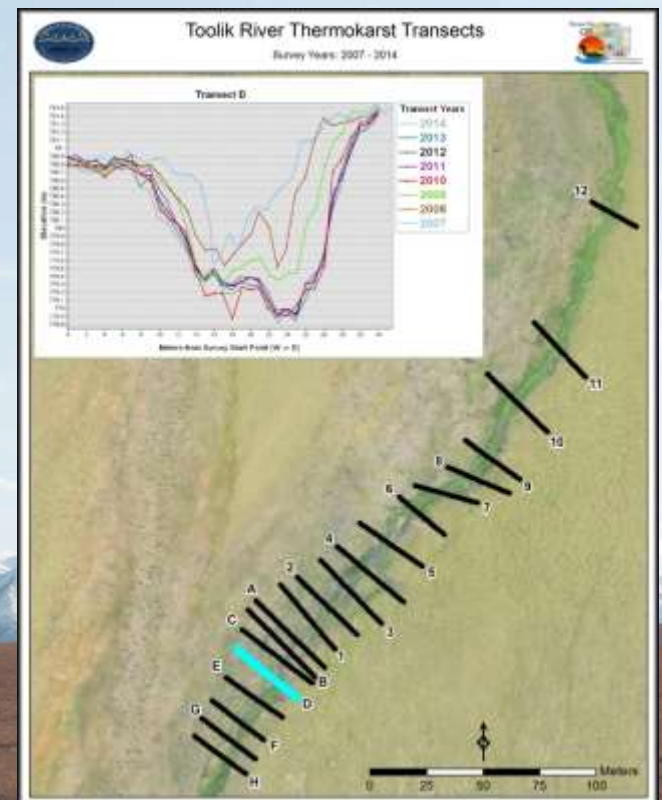
**2014: 253 Requests from 33 Institutions**



# Requests

## Toolik River Thermokarst – 8 Year Dataset

- Completed Processing & Analyses
- Products and Results
  - AGU Presentation
  - Possible Publication
- ToolikGIS Listed as Authors

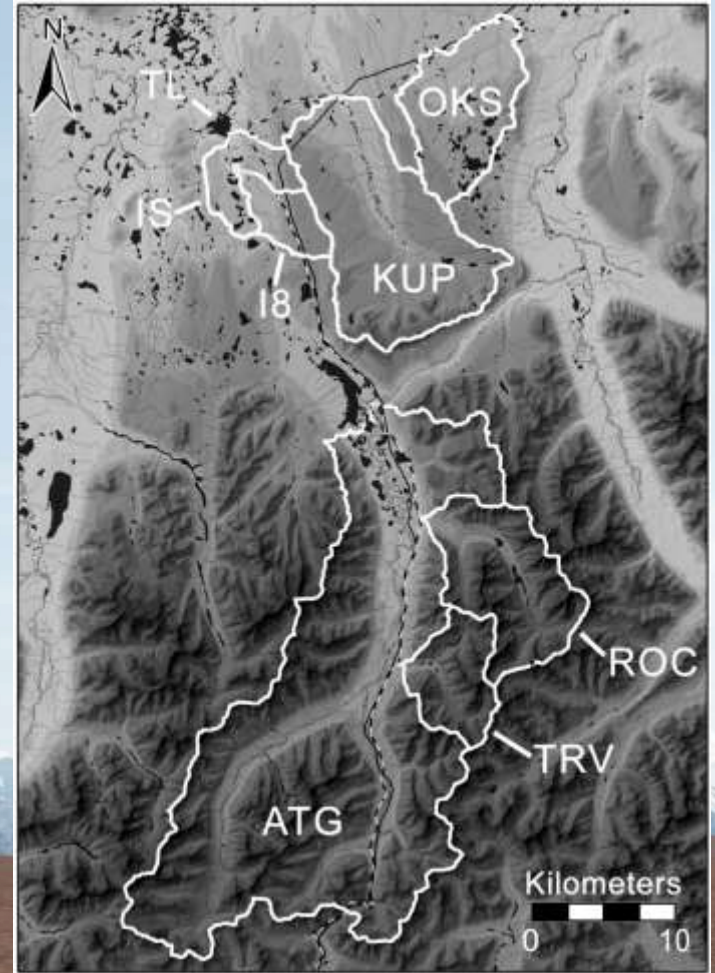




# Requests

## Landscape Characteristics

- Delineated Research Watersheds
- Calculated Metrics of Landscape Characteristics



# Requests

## Summer Field Support

- ~~Provided Field Support for Data Projects~~
- Provided Training & Equipment
- Accompanied into the Field
- Collected Bathymetric Data
- Processed & Delivered Data



# Requests

## Site Selection

- **Provided Assistance to 11 Research Groups**

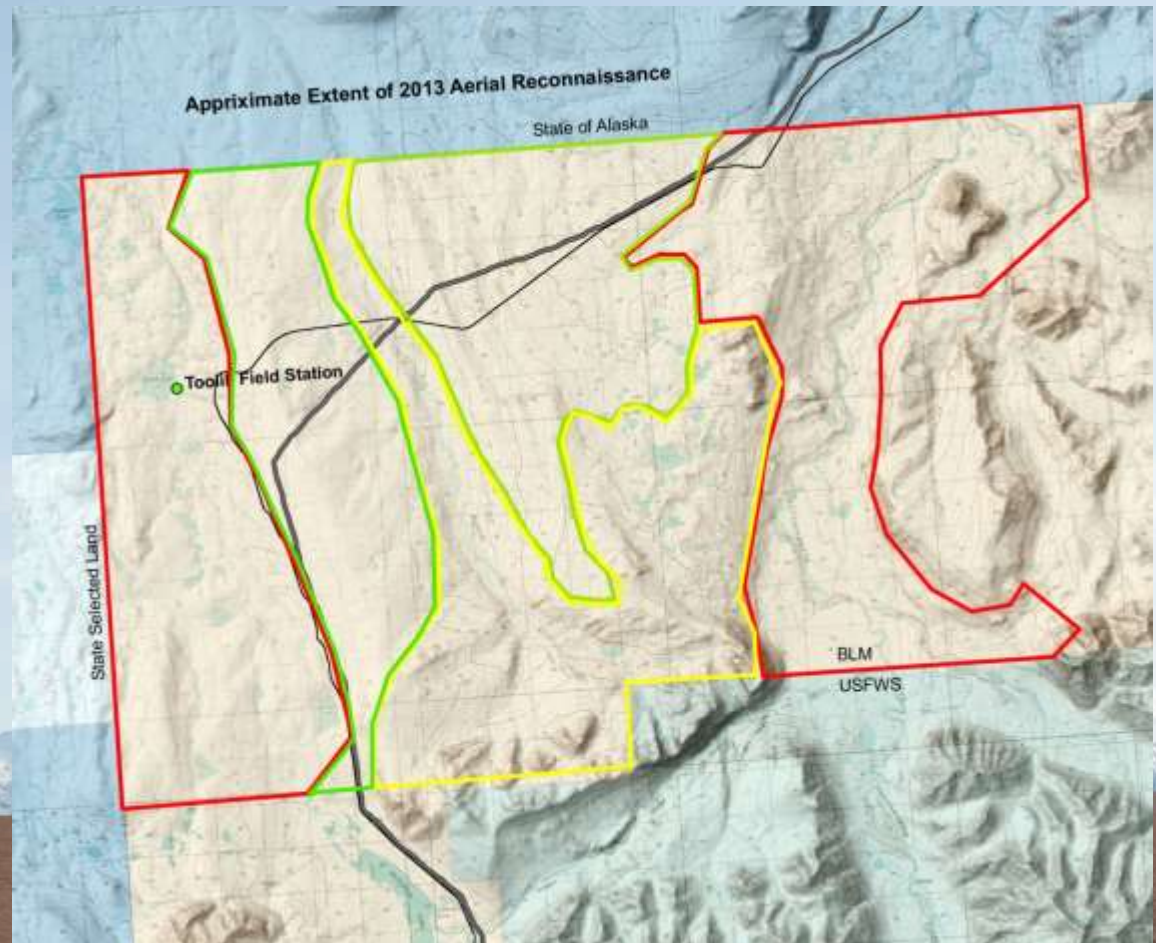
- **Sue Natali**
- **Julie Jastrow**
- **Neon, Inc.**
- **Daniel Obrist**
- **Kelsey Kremers**
- **Case Pregers**
- **Ned Fetcher**
- **Charlie Flowers**
- **Carly Phillips**
- **Josh Schimel**
- **Ashley Asmus**





# BLM Archaeological Aerial Survey

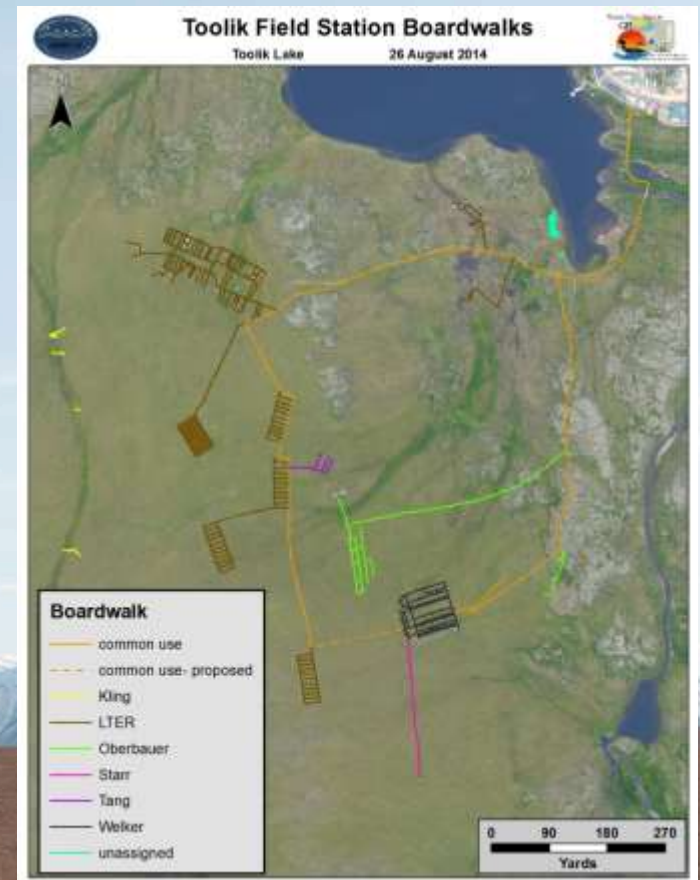
- NSF-BLM MOU





# Upgrades to Common Use Boardwalk

- Continued Collaboration With CPS Staff and Toolik Researchers
- South of Camp in Good Condition
- Shift Focus to Imnavait for 2015

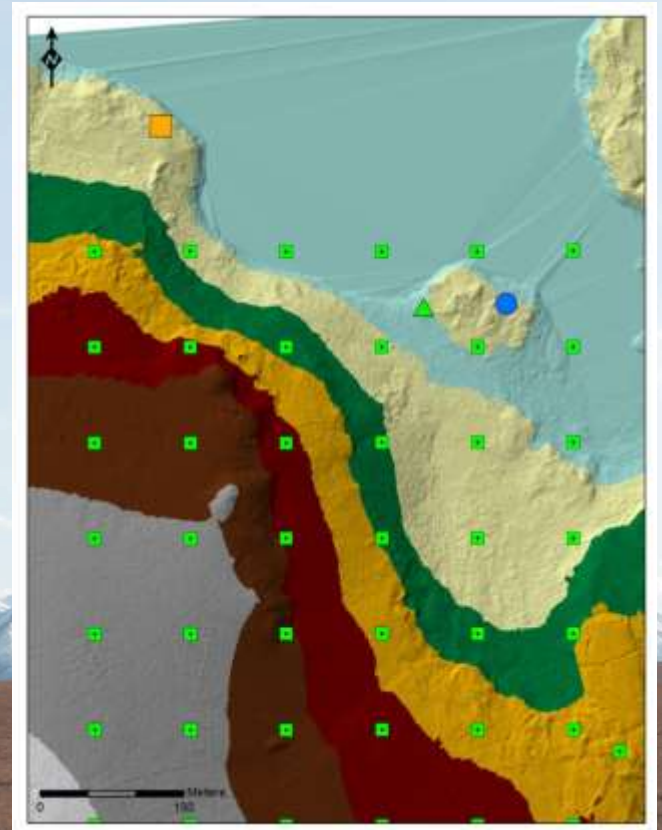


# Maps in Support of Toolik Management



# High-Resolution DEMs

- 2m DEM From Vierling Dataset
- 0.5m – 1m DEMs from Cherry Dataset
- Derived Products Include
  - Hillshades
  - Contours
  - Watershed Delineation





# Website Updates

- DEMs & Orthophotos
- 2014 Aerial Photo of Camp
- New Online Mapping Service



# Website Usage - Metrics

## 10 Most Popular Pages

- |                  |                   |
|------------------|-------------------|
| 1. Homepage      | 6. Maps           |
| 2. General Maps  | 7. Photos/Imagery |
| 3. Data Download | 8. Plots/Permits  |
| 4. Thematic Maps | 9. Base Files     |
| 5. Reservations  | 10. Equipment     |

## Downloads - Nov. 13 to Dec. 10 2014

**Maps – 36 Unique Users, 73 Maps, 158 Downloads**

**GIS Data – 92 Unique Users, 40 Files, 324 Downloads**

# ***Toolik GIS***

