Logistics Support Overview

- Permits
- Field Trucks
- Rentals
- Field Technicians
- Fairbanks & Yellowknife Hubs
  - Equipment
  - Storage
  - Shipping & Receiving
- Website Resources
- Safety Planning, Training, & Support
Research Permits

Project Investigators (PI) are responsible for obtaining their project research permits. PIs are encouraged to allow maximum lead time for this process, as it can take many months to complete. Under some land management regimes, in fact, it can take years.

Helpful maps:
- Alaska Land Management
- BLM Boundaries
- Canada Lands Administrative Boundaries
- Canada Aboriginal Lands

Contacts:

**Alaska DNR**
AJ Waite
Northern Region of Alaska
907-451-2777

**Alaska BLM**
Robin Walthour
Realty Specialist
907-474-2304
Email

**Northwest Territories**
Niccole Hammer
Licencing Coordinator
Aurora Research Institute
867-777-3298 x230
Email

**Yukon**
Jeff Hunston
Manager, Heritage Resources Unit
1-867-667-5383
Email
http://www.tc.gov.yk.ca/scientists_explorers.html

**Nunavut**
Nunavut Planning Commission (NPC)

Contact us if you have any questions or need help coordinating research permits for your field work.
Field Trucks

- 2 F150’s in Fairbanks
- One 4x4 for 3 months in Yellowknife
Field Technicians
Where We Are

• Logistic Hubs:
  o Yellowknife
  o Fairbanks

Support not limited to logistics hubs
Northwest Territories
NASA Resources

• Equipment:
  o First Aid kit
  o Vehicle safety bag
  o Sat phone
GNWT Resources

• Lab, storage, and office space

• Department of Transportation
  o Climate controlled storage at Hay River
  o Cold storage at Dory Point

• Fred Henne Territorial Park
  o Hosts researchers at camp sites
  o Venue for science programs
Yellowknife Helibase

- Office
- Storage
Taiga Environmental Laboratory
Thank You GNWT

Shout out to
Andrew Applejohn
& Bruce Hanna
Great 2016 Field Season
Fairbanks Logistics Office
Shipping/Receiving, Staging

- Assistance with Shipping Logistics
  - Ship gear ahead of time
  - Prepare shipments for home base
- Staging Area & Work Space
Fairbanks Logistics Office

Storage

- Secure Storage Area
  - Limited but available
Fairbanks Logistics Office

Equipment and Gear

- Communication Equipment
  - Satellite phones, inReach, SPOT, PLB, etc.

- Safety Equipment
  - First aid kits, extraction kits, vehicle safety bags, etc.

- Field Gear
  - Chainsaws, shovels, hand saws, etc.

- Camping Gear
  - Summer & Winter

Full Equipment List on ABoVE Website

Additional training may be required to use provided equipment.

*Pictured items not to scale*
Fairbanks Logistics Office

Scientific Equipment

• UNAVCO – High precision GPS units
  o Training

• Soil Moisture Probes

• NEW Permafrost Probe

• Garmin Montana GPS
Hazard Assessment Form

Why is this Important?

• Communication
  o PI & Logistics/Safety Team
  o How we know what trainings to offer

• Resource
  o PI thinks about hazards in the field
  o Safety Training Plans

• Database
  o Keeps record of all trainings completed & certifications

• LEGALLY REQUIRED
  o By OSHA, NASA & your institution
PI responsible to identify hazards of team

How to access it?
  - Log in to ABoVE ‘My Account’
<table>
<thead>
<tr>
<th>Question</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will anyone on your project be camping in freezing temperatures away from established camps?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Will anyone on your project be using ATVs?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Will anyone on your project be using snow machines?</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>
Safety Training Plan

The CCE Office recognizes that you may have previously taken training that is now being assigned to you below. You may be exempted from taking the same training again by providing a dated training certificate, or proof of competency to safety@cce.nasa.gov.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Required Training</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working in the field</td>
<td><strong>Orientation Module:</strong> A general orientation on a wide variety of common field safety issues.</td>
<td>Completed 2015-09-30</td>
</tr>
<tr>
<td>Staying Safe in Bear Country</td>
<td><strong>Staying Safe in Bear Country:</strong> An overview of bear behavior and the protection of people and property.</td>
<td>Completed 2015-09-30</td>
</tr>
<tr>
<td></td>
<td><strong>Basic First Aid/ CPR:</strong> To give general information on how to treat a sick or injured person until full medical treatment is available.</td>
<td>Not completed</td>
</tr>
<tr>
<td>Operating motor boats</td>
<td><strong>Boat Safety Training:</strong> This course will give you hands on experience with safely operating a motor boat. It will also review needed safety equipment and general navigation.</td>
<td>Completed 2014-12-08</td>
</tr>
<tr>
<td>Carrying Firearms</td>
<td><strong>Firearms Safety Training:</strong> Gun protocol in camp/ lodging/ vehicles, 12 gauge maintenance and safety, appropriate 12 gauge rounds for bear situations.</td>
<td>Not completed</td>
</tr>
</tbody>
</table>
Courses Sponsored/Coordinated

• **Boat Safety** – Michigan and Alaska

• **Field Safety in Northern Environments** – VA and AK

• **Snowmachine** – Alaska

• **WFA** – Alaska and Michigan

• **Chainsaw** – Alaska

• **ATV** – Alaska
Courses Sponsored/Coordinated
Tentative Future Courses

• Wilderness First Aid
  o Boulder (March 9-10)
  o Fairbanks

• Snowmachine
  o Fairbanks (Jan 31, Feb 7)

• Northern Environments Field Safety
  o Fairbanks

• Bear safety/firearms training

• Aviation Land and Water (dunker training)
  o Anchorage

• Boat Operator Training
THANK YOU!
In Conclusion

Great 2016 & Looking Forward to 2017

Plan Ahead, Talk to us, & Keep talking to us

Help Us Help You
Website Interview

• What would the PIs like to see on the website
• What do they use the most?
• Do they use the website?
• How often do they sign into the website?
• Do they follow the facebook or twitter?