

## Field Methods for Describing and Sampling Northern Soils

1-day trip on Saturday, June 28<sup>th</sup>

Sponsored by the U. S. Geological Survey

Description of soil profiles greatly improves the utility of ecological, chemical, environmental, and geostatistical information about soils and landforms. Sampling soils for accurate bulk density can be problematic, yet is important for common units of nutrient, carbon, and water storage. We will present methods based on U.S. and Canadian systems for characterizing soils, particularly organic layers. We will also demonstrate methods for extracting volumetric samples from thawed and frozen materials. Field materials will be provided, but others are welcome.

Time: June 28<sup>th</sup>, 9am depart from UAF Campus outside of IARC Building LTER trailer (pickups from motels possible between 8:00 to 8:30 AM. Return to UAF by 5PM

Place: We will drive to Bonanza Creek or vicinity

What to bring: lunch, field attire, notebook and pencil, favorite sampling tools if you have them (we will have some as well)

Limit: 10 people

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