

Project Data sources

- Government of Canada: NTS data are available free of charge at 250k, 50k scale (geogratis) <https://www.nrcan.gc.ca/earth-sciences/geography/topographic-information/free-data-geogratis/download-directory-documentation/17215>
- Data BC <http://www.data.gov.bc.ca> for BC data
- BC Land Resources Data Warehouse (LRDW): https://apps.gov.bc.ca/pub/dwds/home_so (Login as Guest)
- BC Map Place: <http://www.empr.gov.bc.ca/Mining/Geoscience/Mapplace/pages/default.aspx>
- BC soils: <http://www.env.gov.bc.ca/soils/provsoil/>
- Canadian Soil Information Service, National Soil DataBase NSDB: <http://sis.agr.gc.ca/cansis/>
- Canadian Climate: http://climate.weather.gc.ca/index_e.html
- The Atlas of Canada: <http://atlas.nrcan.gc.ca/site/english/index.html>
- Government of BC: <http://geobc.gov.bc.ca/>
- ESRI: <http://www.esri.com/data/free-data/index.html>
- Canada Land Cover: <http://www.geobase.ca/geobase/en/data/landcover/index.html>
- Lidar Data for Minnesota: <http://www.mngeo.state.mn.us/chouse/elevation/lidar.html#available>
- Canadian GIS Data: <http://canadiangis.com/data.php>
- PG Open Data: <http://data-cityofpg.opendata.arcgis.com/>
- Open Street Map: <https://www.openstreetmap.org/#map=3/71.34/-96.82>
- The data accessible through UNBC GIS Lab: L:\labs\geog300 L:\data
 - BC TRIM data in SAIF format (1:20,000 scale)
 - BC DEM (UTM and Albers projection)
 - BC Vegetation (VRI)
 - BC Roads
 - BC Watershed
 - BC 90 meter hillshade
 - PG Lidar data
 - PG City data2010
 - BC Landuse
 - BC Administrative boundary
 - Forestry Administration /District boundary
 - Timber supply area - TSA

More data:

- Canada: <https://www.mcgill.ca/library/find/maps/geospatial-online>
- BC: <https://catalogue.data.gov.bc.ca/dataset>
- Alberta: <https://geodiscover.alberta.ca/geoportal/catalog/main/home.page>
- Saskatchewan: <https://www.isc.ca/Pages/Content%20Gallery/GeoSask.aspx>
- Manitoba: <http://www.manitoba.ca/iem/geo/gis/index.html>
- Ontario: <https://www.ontario.ca/page/land-information-ontario>
- New Brunswick: <http://www.snb.ca/geonb1/e/DC/catalogue-E.asp>
- Nova Scotia: <https://geonova.novascotia.ca/>
- Quebec: <https://www.mcgill.ca/library/find/maps> (Gov't data in a non-ESRI format)
- Yukon: <http://www.geomaticsyukon.ca/>
- Northwest Territories: <http://www.geomatics.gov.nt.ca/dldsoptions.aspx> (must register)
- Nunavut: <http://ntilands.tunngavik.com/maps/>

Possible Topics

- 1) Locate the potential campsites
- 2) Locate the fish spawning sites in Fraser River Provincial Park
- 3) Locate avalanche area in Bugaboo Provincial Park and surrounding areas.
- 4) Analysis of potential preferred winter habitat of Moose near UNBC
- 5) Determine avalanche risk for the non-forested areas of the Dave Henry and Swift Creek backcountry ski area.
- 6) Bear Lake and Crooked River Area Fire Risk Mapping
- 7) Identify research streams in the Aleza Lake Research Forest
- 8) Analyzing Potential Landside Risk for the Moose Lake Region of British Columbia
- 9) Demographic Analysis