

# Physical Geography Field School – 2026

Glaciers, Landforms, and  
Environmental Change

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**Classroom:** 27 April – 1 May

**Field:** 3 – 15 May

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**Information Session:**  
4:30 pm, 5 November  
Room 10-4588

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Questions: [joseph.shea@unbc.ca](mailto:joseph.shea@unbc.ca)  
Website: [jmshea.opened.ca/2026fieldschool](http://jmshea.opened.ca/2026fieldschool)



# Field School Objectives



**KNOWLEDGE:** mountain glaciers, landforms, and environmental change in western Canada



**SKILLS:** planning, logistics, field observations, notetaking, problem solving, and geospatial analysis and interpretation

RPAS survey, satellite imagery  
Snow survey, meteorological/hydrological observations



**FIELDWORK:** teamwork and interpersonal skills, shared camp duties, group dynamics

# Dates

- **27 April – May 1:** Lectures/safety/planning at Prince George UNBC campus (or via Zoom)
- **3 – 15 May:** Field School in BC and Alberta. Two vans, two instructors, 1 TA, maximum 15 students

# Prereqs

- None
- Open to all 3<sup>rd</sup> and 4<sup>th</sup> year students

# Courses

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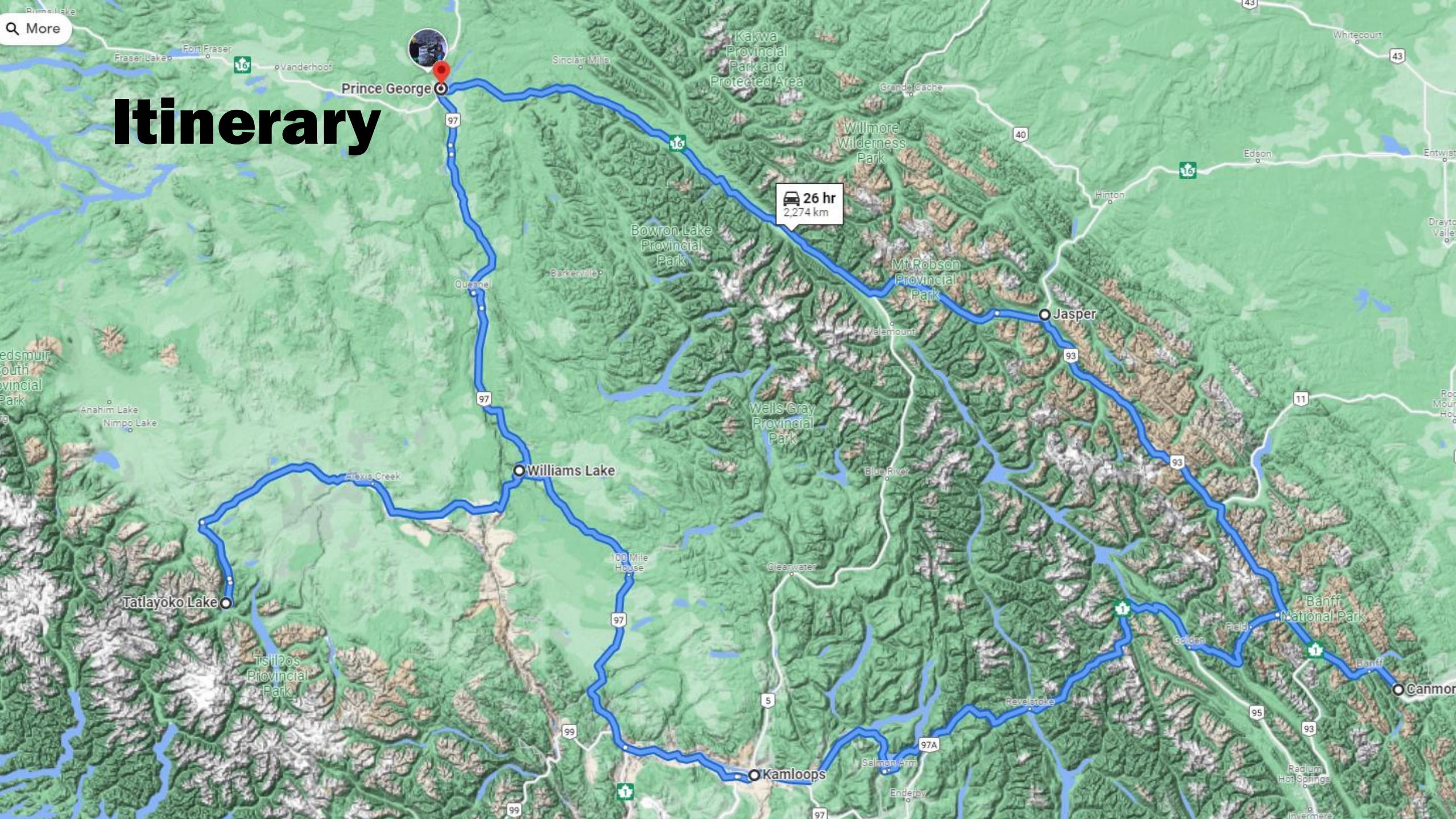
## GEOG 333-3/NRES 763-3

- Physical Geography Field School
- Field notes, observations, camp organization, teamwork, participation

## GEOG 498-3/NRES 798-3: Glaciers, Landforms, and Environmental Change

- Lectures, fieldwork, mapping, computer labs (python notebooks), final project
- Assignments can be completed during field school, or submitted afterwards (until June 15<sup>th</sup>)

# Itinerary



# Itinerary: May 3 – May 15

Date	Itinerary	Stops/Activities	Accommodation
May 3	Prince George → Valemount	Ancient Forest (snow survey); McBride/Valemount (geohazards, water scarcity); Overlander Falls	Canoe Mountain Campground
May 4	Valemount → Jasper	Mount Robson (hike to Kinney); geohazards, heat dome; Old Fort Hike (wildfire)	Wapiti/Whistlers Campground
May 5	Jasper → Rampart Creek	Maligne Canyon walk; Athabasca Falls; Icefields Centre/Parker Ridge (landform mapping)	Rampart Creek Hostel
May 6	Rampart Creek → Canmore	Bow Lake; Bow Summit (snow survey); Lake Louise; Minnewanka Reservoir; Leanne Allison (Losing Blue)	ACC clubhouse, Canmore
May 7	Canmore → Golden	Hay Meadow (John Pomeroy); Radium Hot Springs; Golden;	Cedar Lake Rec Site
May 8	Golden → Kamloops	Illecillewaet Glacier; Roger's Pass; Revelstoke Dam/BC Forest Museum	Knutsford Campground
May 9	Kamloop → Williams Lake	Crystal Huscroft meeting at TRU; Savona; Chasm	Meldrum Lake Rec Site
May 10	Farwell Canyon → Tatlayoko Lake	Farwell Canyon (with Tsilhqot'in FN); Tatla Lake; Homathko station/gauging site	Tatlayoko Field Station
May 11	Tatlayoko	Weather station setup; stream temperature measurement install.	Tatlayoko Field Station
May 12	Tatlayoko	RPAS wetland survey, Anahim Peak	Tatlayoko Field Station
May 13	Tatlayoko	Alpine hike/rest/work day	Tatlayoko Field Station
May 14	Tatlayoko	Data collection/Analysis/Anahim Peak	Tatlayoko Field Station
May 15	Tatlayoko	Return to PG	

# Fees

- Regular undergraduate course tuition fees (6 credits = \$1221)
- Special course fees: \$1500
  - 10% deposit (\$150) paid by 15 February 2025
  - Final fees will depend on number of students – small refund possible!

Item	Cost per student
Accommodation <ul style="list-style-type: none"><li>• camping (5 nights)</li><li>• hotels/hostels (3 nights, double occupancy or dorm)</li><li>• Tatlayoko Field Station (6 nights)</li></ul>	\$100 \$250 \$250
Van rental + fuel + insurance (13 days)	\$450
Food + restaurant meals	\$400
Permits	\$50
<b>MAXIMUM TOTAL</b>	<b>\$1500</b>



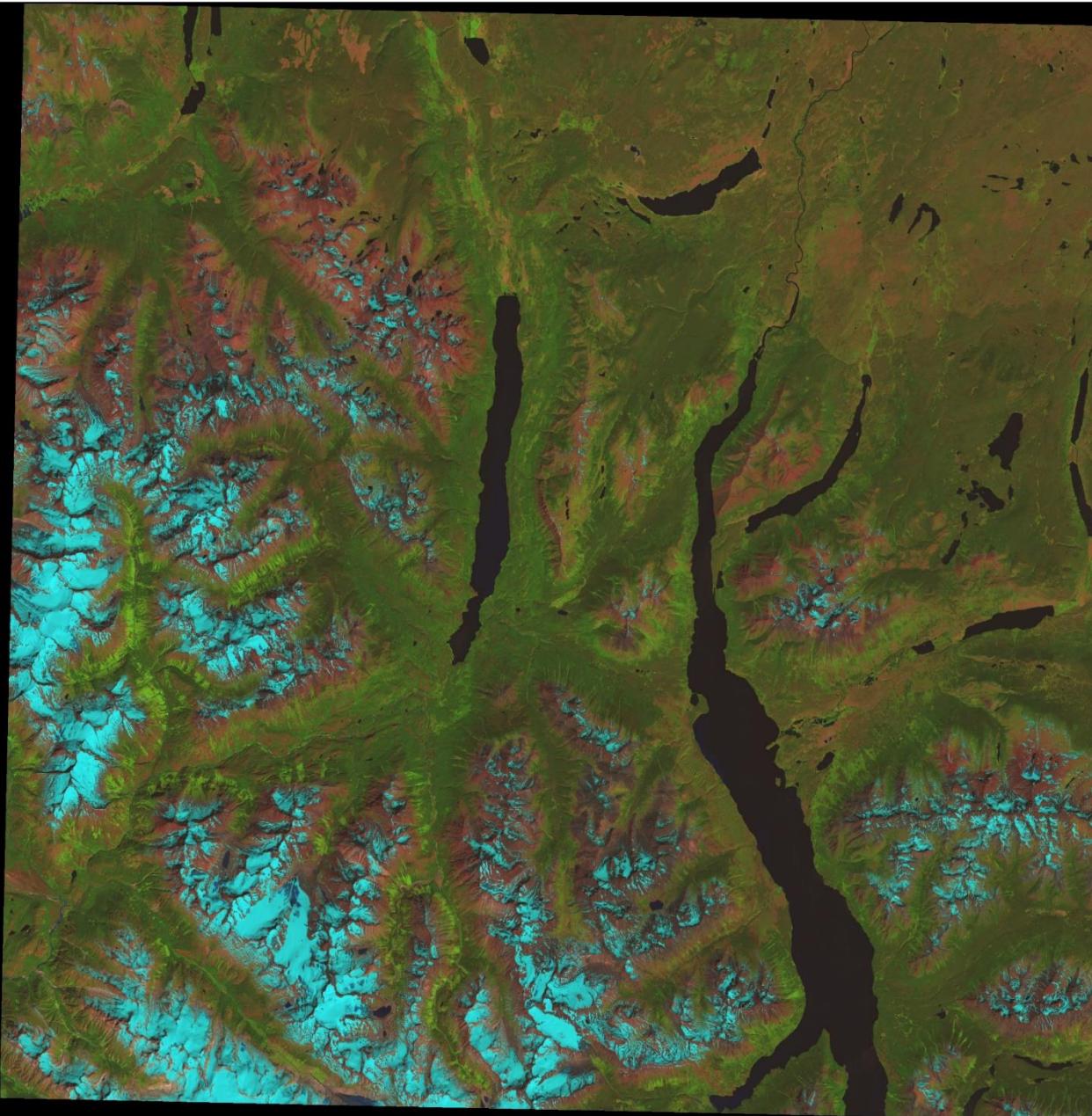




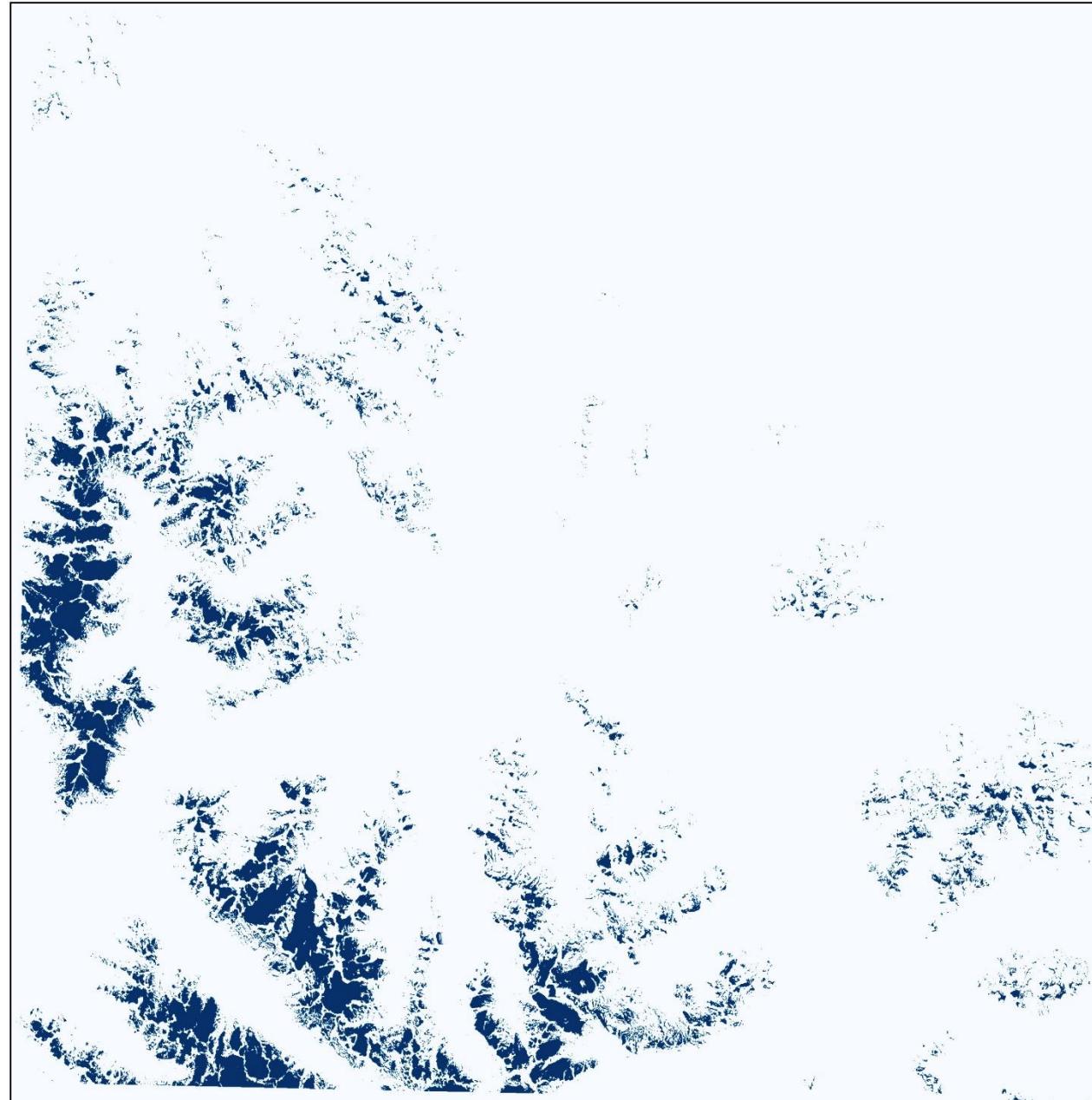




Landsat 8 False Colour Composite (6,5,4)



Snow Mask (SWIR1/NIR)



Tatlayako North Beach Orthomosaic, 8 May 2022

124.411°W 124.408°W 124.405°W 124.402°W 124.399°W 124.396°W 124.393°W

51.649°N  
51.648°N  
51.647°N  
51.646°N

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51.647°N  
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124.411°W 124.408°W 124.405°W 124.402°W 124.399°W 124.396°W 124.393°W

Tatlayako North Beach DEM, 8 May 2022

124.411°W 124.408°W 124.405°W 124.402°W 124.399°W 124.396°W 124.393°W

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# Still interested?

**GEOG 333/NRES 763 Physical  
Geography Field School, 2026**

