Group project 01: A close look at a glacier

Goals:

For you to learn to recognize a glacier using satellite and terrain maps

and get a sense for its geographical setting

and its scale

Part A (Illustrated in the first two slides)
Using Google Maps and PowerPoint
Pick a glacier near your assigned coordinate.
Make co-registered satellite and terrain maps that include the entire glacier including snowfields
Annotate the name of the mountain range (or other place-name)
Make readable metric distance scale.
Outline glacier in red.
Outline top of glacial valley in blue.
Annotate name (if any) and elevation (in meters) of a nearby mountain peak.
Annotate elevation (in meters) of snowfields and terminus
Add large arrow (yellow) annotated with (rough) length of glacier and direction of flow.

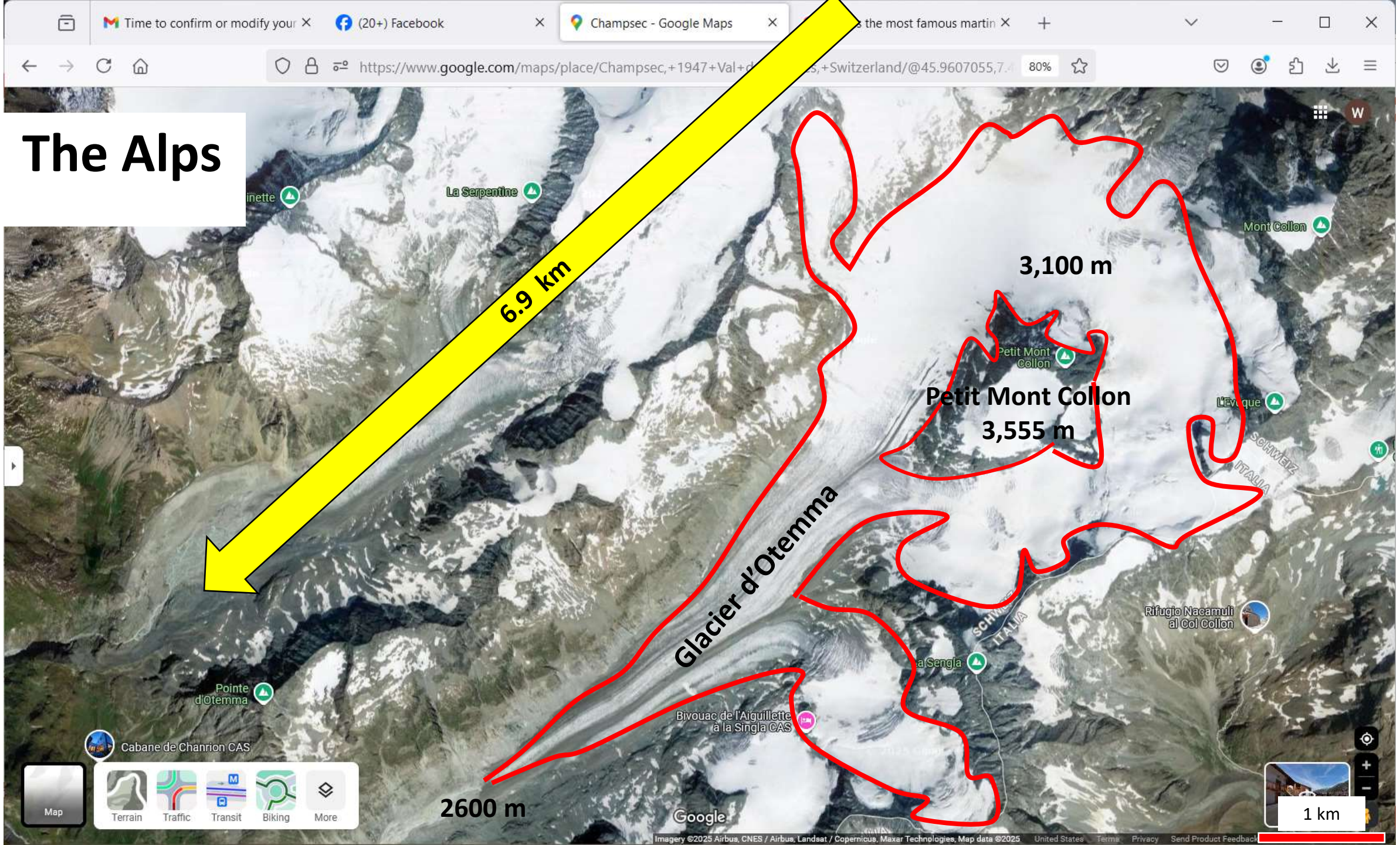
Part B (illustrated with third slide)
Make zoomed-in satellite of glacial terminus
Make readable metric distance scale.
Outline glacier in red.
Outline exit stream (if any) in blue.
Annotate river (if any) and sea into which meltwater from glacier flows.

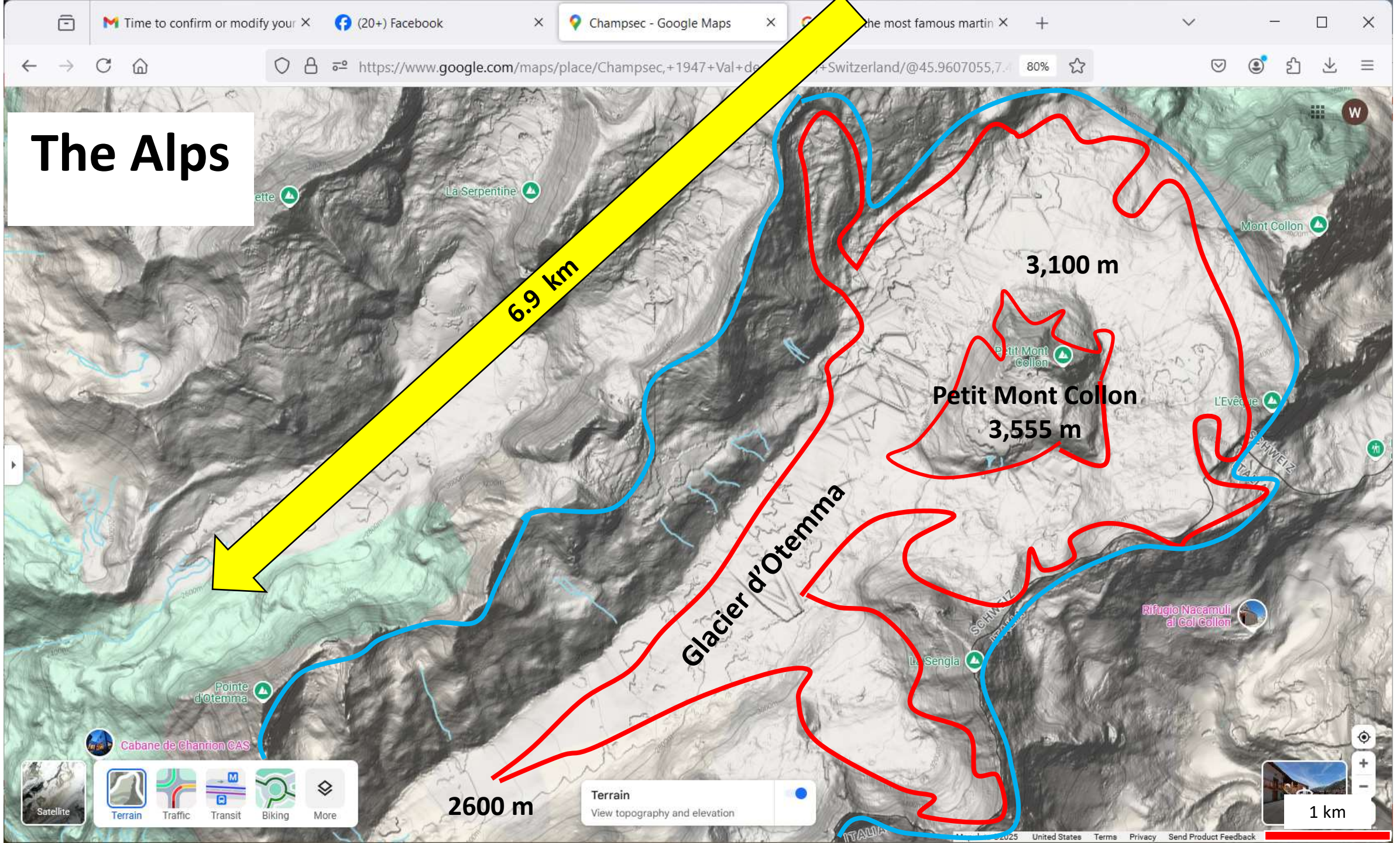
Part C (Illustrated with Photo pulled off the web)
Find a photo of the glacier (or some other glacier close to it).

POST TO COURSEWORKS AS A PPTX
with a filename
GroupProject01_XX
where XX sis your group number

Group Assignment Locations

1. 46.1597, 10.5370
2. 35.9341, 75.6299
3. 31.9636, 77.7554
4. -46.8579, -73.8274
5. -51.1296, -73.3558
6. 48.7506, -113.7278
7. 59.9640, -140.6138
8. 62.8564, -150.6221
9. 73.1360, -79.2326
10. 80.4844, -59.7907
11. 63.5600, -19.2998
12. 30.2599, 93.7377


The Alps
6.9 km
3,100 m
Petit Mont Collon
3,555 m
Glacier d'Otemma
2600 m
La Serpentine
Mont Collon
Petit Mont Collon
Pointe d'Otemma
Cabane de Chanrion CAS
Bivouac de l'Aiguillette à la Singla CAS
Rifugio Nacamuli al Col Collon
Map
Terrain
Traffic
Transit
Biking
More
1 km
Google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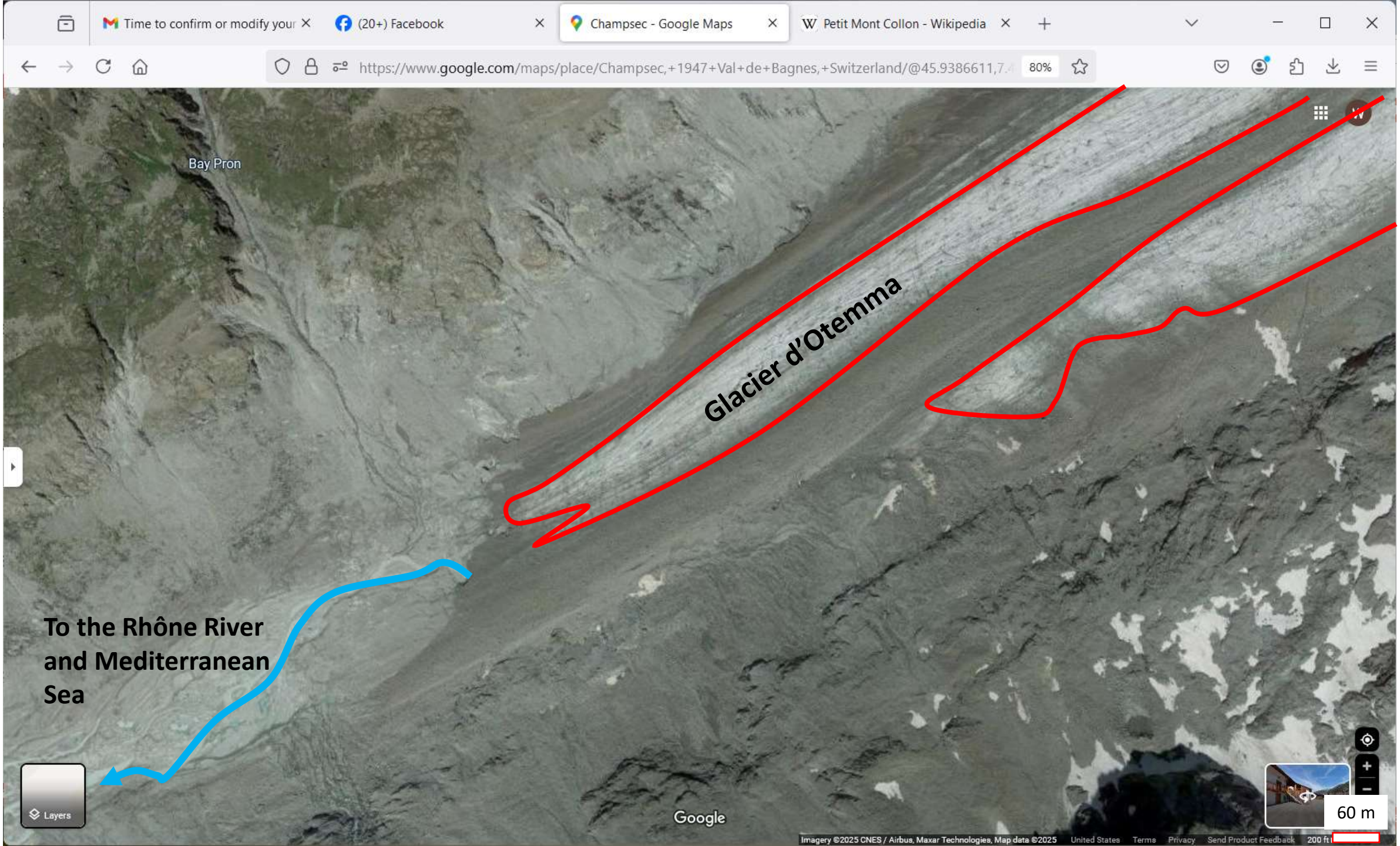
2600 m
La Serpentine
Mont Collon
Pointe d'Otemma
Cabane de Chanrion CAS
Rifugio Nacamuli al Col Collon
La Sengla
Terrain
View topography and elevation
1 km


Time to confirm or modify your
(20+) Facebook
Champsec - Google Maps
Petit Mont Collon - Wikipedia
https://www.google.com/maps/place/Champsec,+1947+Val+de+Bagnes,+Switzerland/@45.9386611,7.
80%
Bay Pron
Glacier d'Otemma
To the Rhône River and Mediterranean Sea
Layers
Google
60 m
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Glacier d’Otemma