

```
# Import packages
import geopandas as gpd

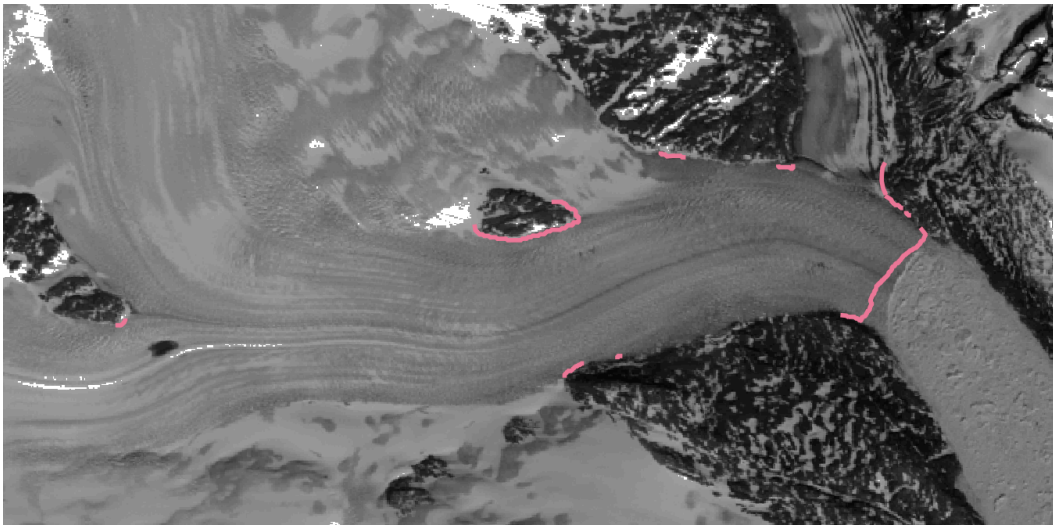
# Read data
lake = gpd.read_file(path + 'steiner-
data/greenlandwide_margins/Regional_Lake_Margin/Regional_Lake_Margin_GrIS.gpkg')
ocean = gpd.read_file(path + 'steiner-
data/greenlandwide_margins/Regional_Marine_Margin/Regional_Marine_Margin_GrIS.gpkg')

# Reproject
lake = lake.to_crs('EPSG:3413')
ocean = ocean.to_crs('EPSG:3413')

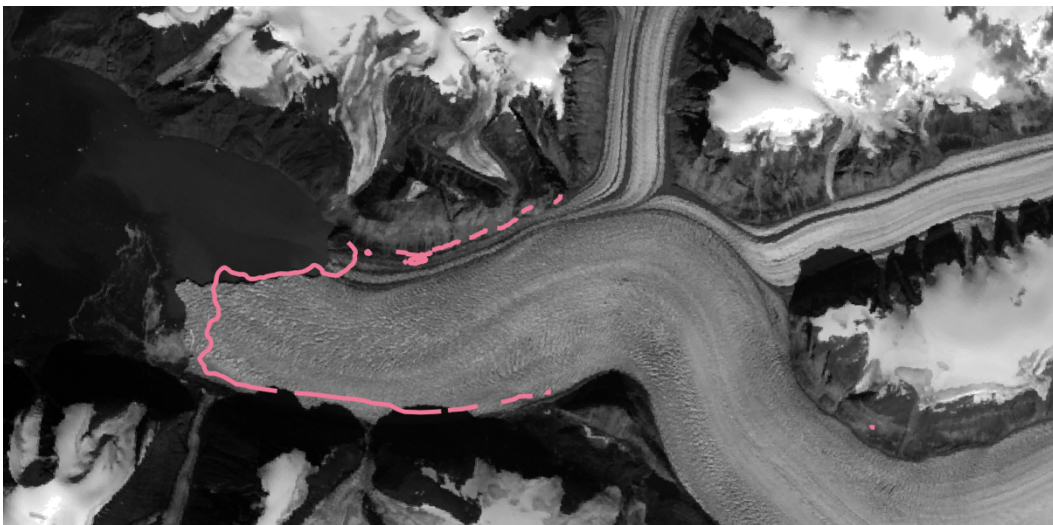
# Calculate length
lake_length = lake.length.sum() / 1000
ocean_length = ocean.length.sum() / 1000

# Total perimeter
total_perimeter = 76154

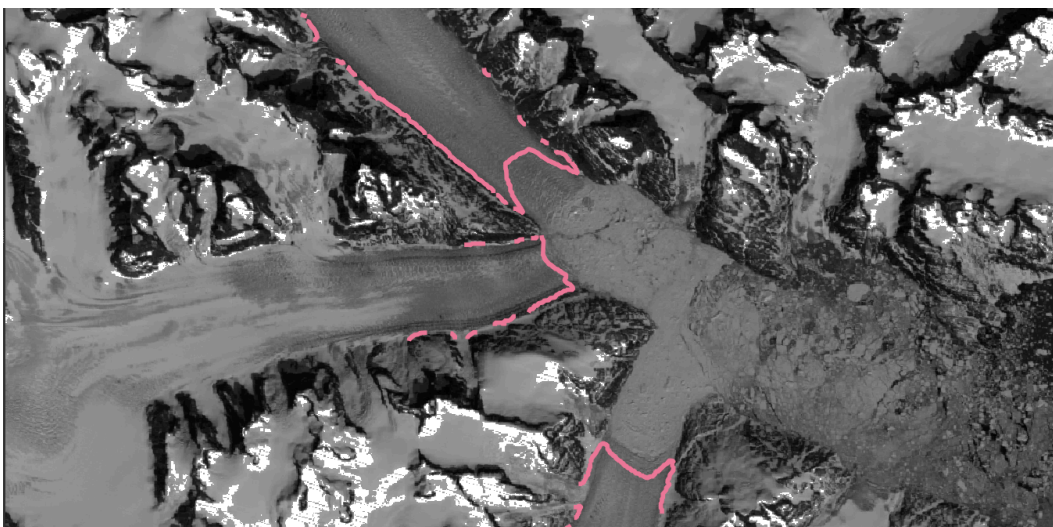
# Fraction
print(lake_length/total_perimeter)
print(ocean_length/total_perimeter)
```



Nunatak incorrectly identified as ice-ocean boundary



Sides of glacier identified as ice-ocean boundary



Sides of glacier identified as ice-ocean boundary