

# Group 4

**Glacier retreat in the Himalayas and implications for local populations**

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# Projects - Presentations

## Overview

### Problem:

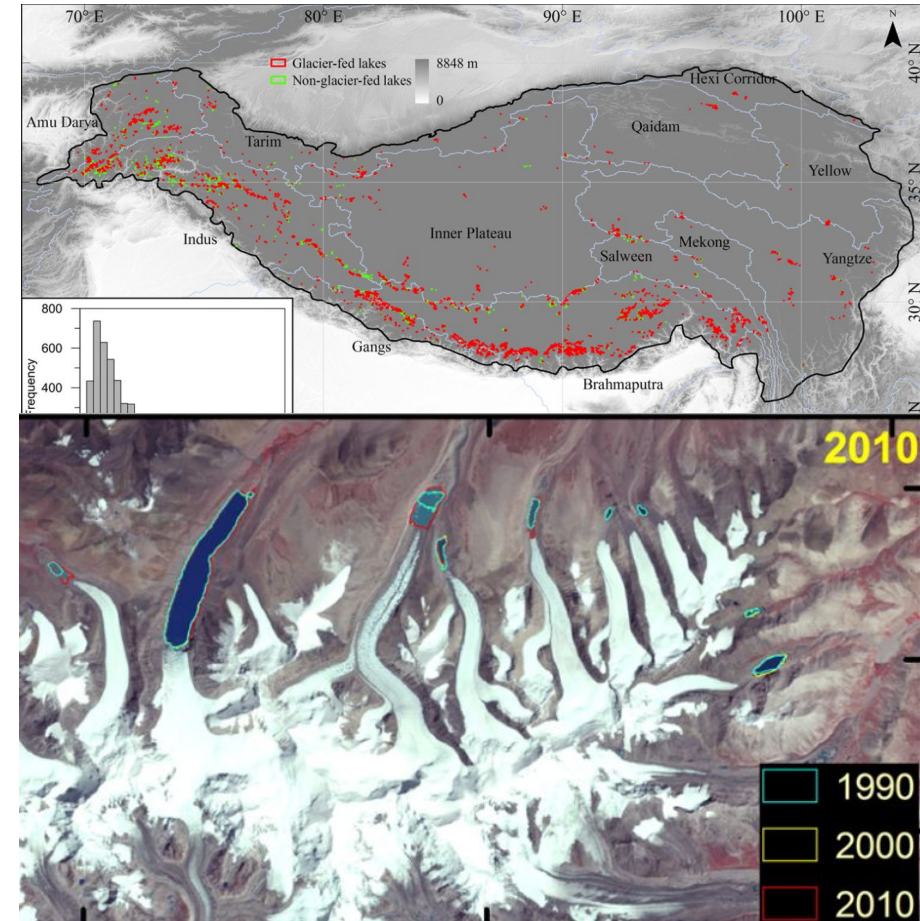
- Glaciers melting in Himalayas. Glacial lakes increasing in size
- Moraines damming lakes can burst and devastate local populations

### Area:

- South-eastern Tibetan Plateau

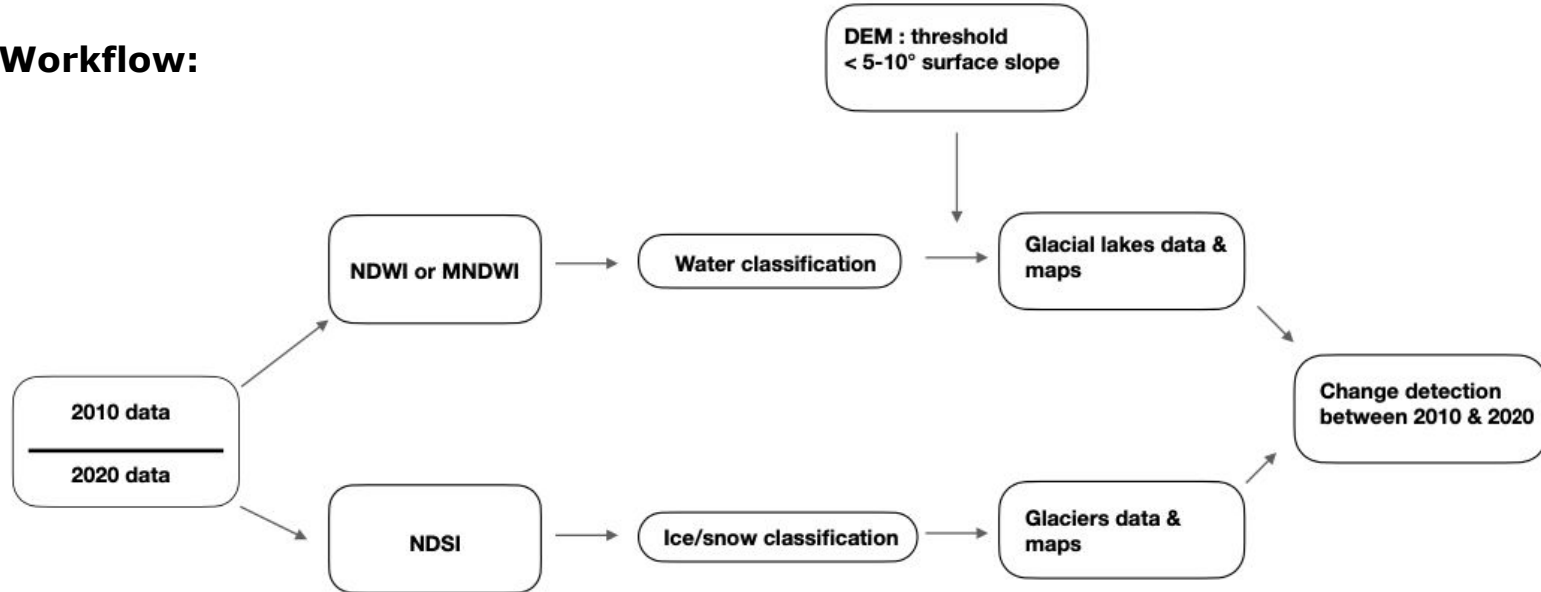
### Data:

- Previous analysis done for 1980-2010
- Will perform similar analysis for 2020
- NDWI, MNDWI and NDSI (Landsat 8 bands 5 & 6, green and SWIR bands)



# Projects - Presentations

## Workflow:



Questions, suggestions ?