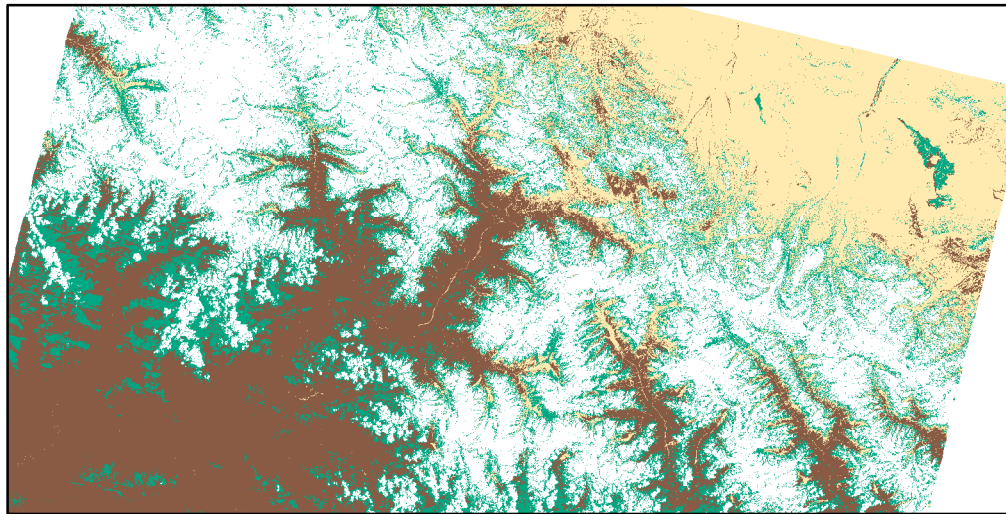
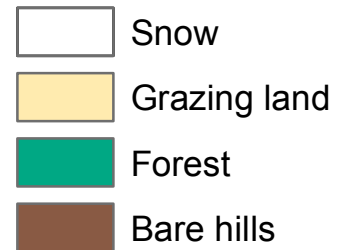
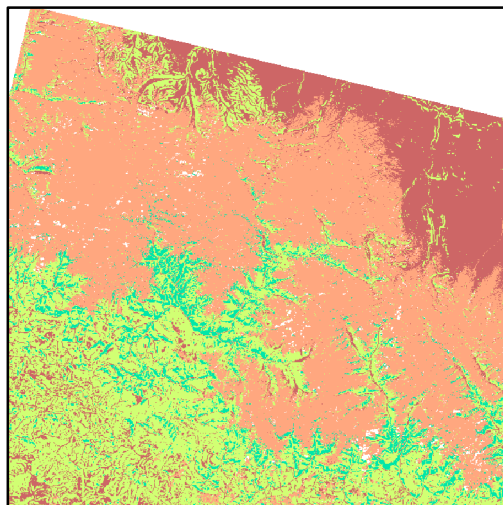
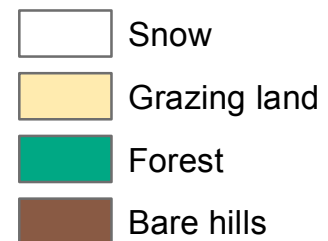


Classification of the Landsat image taken on 2020/12/03 into 4 regions

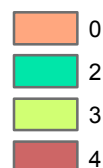


Classification of the Landsat image taken on 2013/05/22 into 4 regions



Output of weighted overlay using slope raster and the reclassified terrain using weights

Higher value represents suitable areas



Optimal route from source to destination (grazing lands)



## Analyzing the change in Himalayan terrain using classification and finding optimal route to move cattle towards grazing lands