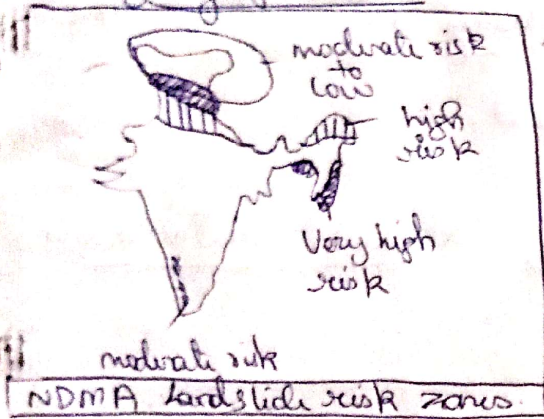
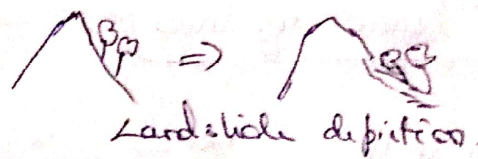


Manipur landslide is a wake up call for Gov in states that are prone to landslides regularly. Analyze.

The Indian plate and Eurasian plate are colliding into each other which resulted in the formation of The Himalayas a young fold mountain with unstable rock system.



What is landslide? :- Movement of soil along with rock materials and trees down the slope which causes considerable damage to life & infrastructure. Either caused due to rain or man made activities.



Why Manipur is prone to landslide?

Manipur is sitting along the syntax bend line of the Himalayas which further goes down. The rock system is highly unstable and when coupled with heavy rain the occurrence of landslide increases tremendously.

Due to human activities such as deforestation, mining, resort building the occurrence has been aggravated.

## Steps to reduce landslide.

- ① Reduce man made activities like mining, fracking
- ② Aforestation, the deep roots of trees can bind the loose soil
- ③ Protecting the infrastructure by using nets along the weak rock structure Ex: Uttarakhand.
- ④ Analysis of the rock system by research methodologies before construction.

## Steps of save ~~the~~ lives

- ① Not permitting homes in landslide vulnerable areas.
- ② Diverting water runoff Ex: limestone is easily corroded by water which can have a domino effect on nearby rocks.
- ③ Early warning system.

As per NDMA about 12% of land area in our country is landslide prone. Erratic rain patterns, illegal human activities have increased it. The Himalayas, NE (North East) western ghats are more vulnerable, Awareness with proper scientific intervention can save lives & resources in future.