

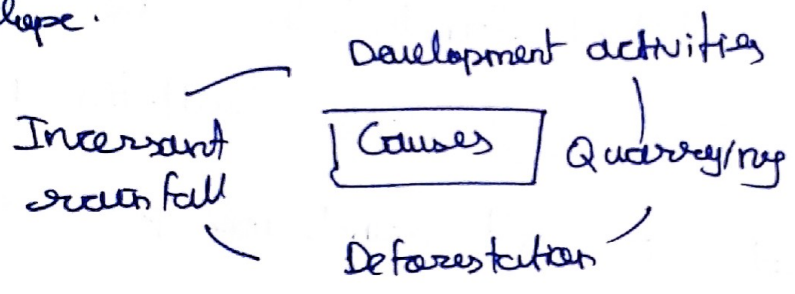
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manipur landslide as a wake up call for government  
in states that are prone to landslides. Analyse

The Tupul landslide of Manipur

that engulfed 38 lives has been a wake up  
call regarding mitigation of land slides.

Landslides are sudden movement of earth  
under the influence of gravity down a  
slope.



The myriad of reasons contribute to  
devastating land slides.

wake up call for other states  
12-1% of land area in India  
are prone to land slides ~~costing~~  
more than 500 crore per year.

Development activities such as  
road, rail, hydro-power must be done  
after proper and scientific suit tests.

Unregulated quarrying can destabilize

the geology of the region weathering the present rock. It is preceded by deforestation <sup>Trees</sup> which holds the soils in place and removal, such landslides.



Actions - Geological Survey of

India is developing Landslide

Early warning system to

detect landslides. The land

slide forecast bulletin needs

to be expanded to all landslide prone states.

GSI has signed MoU with National Remote sensing centre to augment warning systems.

Way forward

Natural disasters must be included in schedule VII of concurrent list to handle the catastrophe of landslide along with efforts from other stakeholders