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Timing and recurrence interval of Himalayan landslides

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Himalayan landsldies have been occurring since the 55 million years ever since the Hinmlayan mountains came into being. The fact is that Himalayas are rising even today at the rate of a few cm per year as supported by the Indian Plate mtion measured by GPS. The recurrence of landsldies has not beeen documented even for well known landsldies and therefore the Border Road Organisation and Public Works departments of India are unable to realise the value of the data as the records are scanty and not formalised. There is a need to establish a data bank for landslides and debris flows as well as landslide related disasters in himalayas so that moelling for recurrence can be done.

Some intersting examples of the landslides after the Chamoli earthquake are good examples of landsldies that occurred after several weeks of the earthquake at Chamoli as studied by the author.

The present paper proposes the need for the analyses and a program that can be chalked out to prognasticate landslide occurrence.