

GOVERNMENT OF INDIA
MINISTRY OF MINES
LOK SABHA
UNSTARRED QUESTION NO. 926
ANSWERED ON 08.02.2023

INCREASE IN LANDSLIDES

926. SHRI VISHNU DAYAL RAM:

Will the Minister of MINES be pleased to state:

- (a) whether there has been an increase in the number of landslides observed in India;
- (b) if so, the reasons therefor, State-wise;
- (c) whether the Government conducts regular landslide zoning analysis;
- (d) if so, the procedure for the same and how often are these checks conducted; and
- (e) if not, the reasons for the lack of regular checks?

ANSWER

THE MINISTER OF MINES, COAL AND PARLIAMENTARY AFFAIRS
(SHRI PRALHAD JOSHI)

(a): No, Sir. Geological Survey of India [GSI], an attached office of Ministry of Mines, has not carried out any such study on landslides.

(b): In view of (a) above, question does not arise.

(c): Yes, Sir. GSI conducts regular landslide zoning analysis.

(d) & (e): GSI has launched a program called National Landslide Susceptibility Mapping (NLSM) to prepare landslide inventory, and landslide susceptibility map on a 1:50,000 scale in a seamless manner for 4.34 lakh sq. km. area prone to landslides. The landslide susceptibility map categorises the landmass into three zones – “High”, “Moderate”, and “Low” based on the degree of likelihood of future landslide initiation in an area under natural conditions. GSI has completed the preparation of the baseline landslide susceptibility map of the above mentioned area.

Besides, GSI has been carrying out 1:10,000 scale landslide susceptibility mapping of critical sectors and detailed site-specific landslide investigations on a 1:1000 scale mostly as per the requests of the concerned State Governments, and other stakeholders.
