

(PREVIEW)

*Indian Standard***PREPARATION OF LANDSLIDE HAZARD  
ZONATION MAPS IN MOUNTAINOUS  
TERRAINS — GUIDELINES****PART 2 MACRO-ZONATION****1 SCOPE**

This standard (Part 2) covers guidelines for preparation of macro-zonation landslide hazard zonation (LHZ) map on scale of the order of 1:25 000 or 1:50 000.

**NOTE** — The map shall be prepared by superimposing the terrain evaluation maps in a particular seismic zone such as lithological map, structural map, slope morphometry map, relative relief map, land use and land cover map and hydrogeological condition map using landslide hazard evaluation factor (LHEF) rating scheme and calculating the total estimated hazard (TEHD). However, the limitations of the methodology are external factors, which are difficult to account for being not easily determinable with particular reference to landslides, such as flood-prone area, cyclone-prone area and snow avalanches, permafrost, etc.

**2 REFERENCES**

The following Indian Standards contain provisions which through reference in this text, constitute provision of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

| IS No.          | Title  |
|-----------------|--|
| 7422            | Symbols and abbreviations for use in geological maps, sections and subsurface exploratory logs : |
| (Part 1) : 1974 | Part 1 Abbreviations   |
| (Part 2) : 1974 | Part 2 Igneous rocks   |
| (Part 3) : 1974 | Part 3 Sedimentary rocks   |
| (Part 4) : 1985 | Part 4 Metamorphic rocks   |
| (Part 5) : 1992 | Part 5 Line symbols for formation contacts and structural features                               |