Detailed geoparametric attributes of a landslide
(to be used by trained geoscientists at field)

42-point Detailed Geoparametric attributes of landslide incidences

No	Field	Description
1	Slide No (LS .No.)	*State/district/toposheet/year/serial no.*
2	State	*Name*
3	District	*Name*
4	Toposheet	*No.*
5	Name of the slide	*Maximum20 character*
6	NH/SH/Locality	*National Highway / State Highway/ Name of nearest village or locality (Maximum50 character)*
7	Latitude	*Lat in decimal degree (using WGS 1984 Datum)*
8	Longitude	*Long in decimal degree (using WGS 1984 Datum)*
9	Length	*m*
10	Width	*m*
11	Height	*m*
12	Area	*m^2*
13	Depth	*m*
14	Volume	*m^3*
15	Run out distance	*m*
16	Type of Material	*Rock/soil/debris/rock-cum- debris/ debris-cum-rock*
17	Type of movement	*Falls / Topple / Slide/subsidence/Flows / Lateral spread/ creep*
18	Rate of movement	**Extremely Rapid, Very Rapid, rapid, moderate, slow, very slow, extremely slow**
19	Activity	**Active/ Reactivated/ Suspended/ Dormant/ Abandoned/ Stabilized/Relict**
20	Distribution	**Advancing/ Retrogressive/ Widening/ Enlarging/ Confined/ Diminishing/ Moving**
21	Style	**Complex/ Successive/ Multiple/Single**
22	Failure mechanism	**Shallow planar failure/Deep planar failure/ Shallow Rotational failure/Deep rotational failure**
23	History	*Date of initiation & subsequent reactivations (date/year)*
24	Geomorphology	**Topography, landform, processes** *(Maximum 100 character)*
25	Geology	*Lithological description (100 character)*
26	Structure	*Details of discontinuity in whole circle (eg: J_1: 50°:150°)*
27	Land use/ Land cover	*Barren / cultivated /forest /rural / urban/ anthropogenic activity/ any other (Maximum 50 character)*
28	Hydrological condition	*Dry/Wet/dripping/ Flowing*
29	Triggering Factor	*Rainfall in mm/Earthquake (intensity in Richter scale)/lake bursting/Anthropogenic factors like road cutting, blasting etc (Maximum 50 character)*
30	Death of persons	*numbers*
31	People affected	*numbers*
32	Live stock loss	*Cattle death*
33	Communication	*Road/Rail/transmission line (blocked/damaged)*
34	Infrastructure	*Numbers of houses/building/dam/barrages damaged*
35	Agriculture/forest/Barren	*(Maximum 50 character)*
36	Geo-scientific Causes	*piping/reduction of strength on super- saturation/toe erosion by stream/ gully erosion/ Anthropogenic activities (unplanned cutting of slope, unplanned construction, loading at head region, afforestation, adverse cultivation pattern /combination of above factors/ any other factors (maximum 200 character)*
37	Remedial measures	*(maximum200 character)*
38	Remarks, if any	*If any (maximum200 character)*
39	Photos. Sketch of Plan & section of the slide	*Affected by landslide - quantity / type of cultivation Send in jpg format*

40	Summary/Abstract	*(with in 1000 character)*
41	Pdf	*Soft copy of landslide report/ source data, if available*
42	Landslide category	*I, II, III*