

Critical 27 landslide mitigation sites for the "Reduction of Landslide Vulnerability by Mitigation Measures project (RLVMMP)" - AIIB Funded project

No	Site No	Province	Package No. (Pro)	District	DS	GN	Village/Location	GPS		Average area (m ²)	Potential damage (No. of Houses, Facilities etc)	Status	Remarks
								N	E				
1	15	Sabaragamuwa Province	Pack 01	Rathnapura	Nivithigala	Peboutuwa 1	Thiriwanaketiya - Agalawatta Road, In between culvert No.26/9and 26/10	6.530833	80.447768	30000	Thiriwanaketiya - Agalawatta Road	Happened	Cutting and slope failure occurred in 2017, therefore preventive measures such as soil nailing, retaining walls, reshping, turfing, surface drainage management should be introduced.
2	16	Sabaragamuwa Province		Rathnapura	Nivithigala	Peboutuwa 2	Thiriwanaketiya - Agalawatta Road, In between culvert No.26/9and 26/10	6.530833	80.447768	7,500	Thiriwanaketiya - Agalawatta Road and the lower part of the road	Happened	Landslide occurred in 2017, therefore preventive measures such as soil nailing, retaining walls, reshping, turfing, surface drainage management should be introduced.
3	17	Sabaragamuwa Province		Rathnapura	Ratnapura	Durekkanda	Durrekkanda	6.707202	80.46518	40000	25 houses	Happened	Cutting and slope failures occurred in 2017, therefore preventive measures such as soil nailing, retaining walls, reshaing, turfing, surface drainage management should be introduced.
4	18	Sabaragamuwa Province		Rathnapura	Ratnapura	Galabada	Galabada	6.70755556	80.46694444	20000	10 houses	Happened	Cutting and slope failures occurred in 2017, therefore preventive measures such as soil nailing, retaining walls, reshaing, turfing, surface drainage management should be introduced.
5	3	Sabaragamuwa Province	Pack 02	Rathnapura	Ayagama	Ayagama	Ayagama town	6.640051	80.309547		8 Houses completely destroyed, other buildings and road under high risk for landslide	Happened	Landslide occurred in 2017, therefore preventive measures such as retaining walls, soil nailing, reshaing, turfing, surface and subsurface drainage management should be introduced to overall slope area located above the town.
6	4	Western Province		Kalutara	Bulathsinhala	Niggaha	Pahiyangala Temple, Bulathsinhala	6.647163	80.21575	5000	Pahiyangala prehistoric site and temple premises	Potential	Slope instability and landslide occurred in 2017. Preventive measures such as surface and subsurface drainage development should be introduced
24	6	Western Province		Kalutara	Kalutara	Welapura	Labour Dept of Kalutara (Kumarikanda)	6.583058	79.964539	600	Temple and Labour Dept complex	Potential	Cutting and slope failures occurred in 2014, therefore preventive measures such as soil nailing, reshaing,surface drainage management should be introduced.
7	13	Sabaragamuwa Province		Rathnapura	Kalawana	Kalawana	Kalawana Town	6.530603	80.389833	46,700	Fully damaged buildings:03 Number of buildings at a risk	Happened	Cutting and slope failures occurred in 2017, therefore preventive measures such as retaining walls, reshaing, turfing, surface drainage management should be introduced.
8	14	Sabaragamuwa Province		Rathnapura	Kalawana	Kalawana	Kalawana Gamini Central college	6.520075	80.393408	900	3 buildings and road are at a risk	Potential	Highly potential location for slope failure, therefore preventive measures such as retaining walls, soil nailing, surface and subsurface drainage management should be introduced
9	26	Western Province		Kalutara	Baduraliya	Athwelthota	Landslide near Athwelthota Gangarama	6.543632	80.283237	20000	a temple and the road	Happened	Landslide initiated in 2017 and further highly potential location for Landslide, therefore preventive measures such as debris barrier, reshaping, turfing, tree planting, surface drainage management should be introduced
10	27	Western Province		Kalutara	Walallawita	Lihiniyawa	Sri Abhinawarama Viharaya	6.460525	80.165386		3 buildings and the road	Potential	Highly potential location for cutting failure, therefore preventive measures such as retaining walls, reshaping, turfing and surface drainage management should be introduced
11	19	Southern Province	Pack 03	Matara	Akurassa	Nimalawa	Semidel gowipala kanda	6.052621	80.45272	Acer 28-50	91 Houses	Potential	Highly potential location for rock fall, therefore preventive measures such as rock fence, proper surface drainage system and reforestation should be introduced.
12	21	Southern Province		Matara	Pitabeddara	Rambukana west	Galle-Madampe road at 57/4 culvert	6.24007	80.48867		4 houses and the road	Happened	Cutting and slope failure occurred in 2017, therefore preventive measures such as soil nailing, retaining walls, reshaing, turfing, surface drainage management should be introduced.
13	22	Southern Province		Matara	Kotapola	Thenipita	Galle - Deniyaya - Madampe Road at 77+050 -77+450	6.333166	80.564748		1 house and the road	Potential	Cutting and slope failure occurred in 2017, therefore preventive measures such as soil nailing, retaining walls, reshaing, turfing, surface drainage management should be introduced.
14	11	Sabaragamuwa Province	Pack 04	Kegalle	Kegalle	51G, Meepitiya	RHS of Bypass road	7.245568	80.358211	2500	One house and bypass road user.	Happened	Cutting failures occurred in 2016 and 2017, therefore preventive measures such as soil nailing, retaining walls, reshaing, hydrosheeding or turfing, surface drainage management should be introduced.
15	20	Sabaragamuwa Province		Kegalle	Kegalle	Ranwala	Kegalle Court Complex	7.254802	80.340383		Court complex buildings and Siyabalapitiya - Kegalle road.	Potential	Cutting failure, slope failure and rock fall threat exist, therefore preventive measures such as retaining walls, soil nailing and surface drainage management should be introduced
16	5	Sabaragamuwa Province		Kegalle	Ruwanwella		(B445) Veyangoda - Ruwnwella Road	7.092124	80.167847	500	Veyangoda Ruwanwella Road and commuters	Potential	Cutting and slope failures occurred in 2017, therefore preventive measures such as retaining walls, soil nailing, reshaing,surface drainage management should be introduced.
17	7	North Western Province		Kurunegala	Polgahawela	Ganegoda South	Polgahawela bus stand	7.336245	80.29958		bus stand	Potential	Cutting failure occurred in 2017, therefore preventive measures such as retaining walls, reshaing, turfing, surface drainage management should be introduced.
18	9	Sabaragamuwa Province		Kegalle	Bulathkohopitiya	60D, Puspane	Vilubahene, In between 17/3 and 17/4 culverts	7.1393042	80.3571727	25,000	26 hoses and road uses	Potential	Landslide initiated in 2016, therefore preventive measures such as retaining walls, reshaing, turfing, surface and subsurface drainage management should be introduced.
19	10	Sabaragamuwa Province		Kegalle	Dehiovita	Dikalla	(B093) Dehiovita-Deraniyagala-Nooriya road, in between 5/11 and 5/13 culvert	6.9616423	80.29455093		08 houses and Dehiowita-Nooriya road.	Happened/Potential	Cutting failure, slope failure and landslide threat exist, therefore preventive measures such as retaining walls, soil nailing, surface and subsurface drainage management should be introduced
20	12	Western Province		Colombo	Seethawaka	Kaluaggala	Kaluaggala	7.163289	80.502222	10,000	16 houses	Potential	Landslide initiated in 2016 and further highly potential location for Landslide, therefore preventive measures such as toe walls, reshaping, turfing, surface and subsurface drainage management should be introduced
21	25	Sabaragamuwa Province		Kegalle	Ruwanwella	Thumbaliyadda	(B445) Veyangoda - Ruwnwella Road 23+100 - 23+210 (RHS)	7.2268027	80.202758		03 houses andRuwanwella - weyangoda road.	Slope Failure	Cutting and slope failure occurred in 2016 and 2017, therefore preventive measures such as soil nailing, retaining walls, reshaing, turfing, surface drainage management should be introduced.
22	1	Central Province		Kandy	Gangawata korale	Dangolla	Circular road, Jumma Masjid Avenue	7.267086	80.609611		7 houses and a road	Potential	Highly potential location for slope failure, therefore preventive measures such as retaining walls, soil nailing, surface and subsurface drainage management should be introduced
23	2	Central Province		Kandy	Kundasale	Gonawala North	Digana, Gonawala	7.302431	80.735572	12500	20 houses	Potential	Highly potential location for Landslide, therefore preventive measures such as retaining walls, soil nailing, reshaping, turfing, surface and subsurface drainage management should be introduced
25	8	Sabaragamuwa Province		Kegalle	Aranayaka	Narangala	LHS of Aranayaka-Hulankapolla road	7.131971	80.43906	15,000	18 houses and road uses	Happened	Cutting and slope failure occurred in 2016, therefore preventive measures such as retaining walls, soil nailing, reshaing, turfing, surface drainage management should be introduced.
26	23	Uva Province		Badulla	Bandarawela	Bandarawela west	Thepalkanda	6.70673	80.72374	15000	30-40 houses	Potential	Highly potential location for Landslide and subsidence, therefore preventive measures such as retaining walls, reshaping, hydrosheeding or turfing, surface and subsurface drainage management should be introduced
27	24	Uva Province		Badulla	Haliela	Uduwara	7 th mile post, New colony, Uduwara	6.920246	81.05669	20000	15 houses and Railway line	Happened	Highly potential location for Landslide and slope failure, therefore preventive measures such as soil nailing, retaining walls, reshaping, hydrosheeding or turfing, surface and subsurface drainage management should be introduced