

MASTER LIST OF CURRENT GEO TECHNICAL GUIDANCE NOTES

TGN No.	Document Title	Issue No.	Implementation Date								
			-	A	B	C	D	E	F	G	H
1	Technical Guidance Documents	1	5.10.2000	26.3.2001	28.8.2002	5.3.2003	21.11.2003	1.7.2004	7.3.2005	13.4.2007	22.8.2008
			I	J	K	L	M	N			
			30.11.2009	9.9.2011	14.10.2011	24.2.2012	24.8.2012	5.2.2024			

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2	Technical Recommendations Arising from Lessons Learnt from Landslides in 1997 and 1998	2	18.5.2010	The information of this Technical Guidance Note (TGN No. 2) has been subsumed in GEO Publication No. 1/2007 : Engineering Geological Practice in Hong Kong, GEO Publication No. 1/2009 : Prescriptive Measures for Man-made Slopes and Retaining Walls, GEO Technical Guidance Note No. 11 : Enhancing the Reliability and Robustness of Engineered Soil Cut Slopes, and the Highway Slope Manual. This TGN is hereby cancelled.							
3	Use of Downhole Geophysical Methods in Identification of Weak Layers in the Ground	1	15.11.2000	1.7.2004	The guidelines and information provided in this Technical Guidance Note (TGN No. 3) have been subsumed in Sections 33.2.5 – 33.2.7 & 33.6 of Geoguide 2 (Amd GG2/01/2017), issued by the Geotechnical Engineering Office of Civil Engineering and Development Department. This TGN is hereby cancelled.						
4	Guidelines on Recognition of Geological Features Hosting, and Associated with, Silt- and Clay-rich Layers Affecting the Stability of Cut Slopes in Volcanic and Granitic Rocks	1	19.4.2001	1.7.2004							
5	Geoguide 2 – Guide to Site Investigation Updated Appendix B : Sources of Information	4	28.9.2009	The information of this Technical Guidance Note (TGN No. 5) has been subsumed in Appendix B of Geoguide 2 - Guide to Site Investigation (2017 version), issued by the Geotechnical Engineering Office of the Civil Engineering and Development Department for over two years. This TGN is hereby cancelled.							
6	Application of Back Analysis Approach to the Design of Slope Preventive or Remedial Works	1	4.7.2001	1.7.2004							
7	Fill Slope Recompectation – Investigation, Design and Construction Considerations	1	10.1.2002	1.7.2004							
8	Maintenance Requirements for Natural Terrain Hazard Mitigation Measures	2	1.7.2004	The technical recommendations of this Technical Guidance Note (TGN No. 8) have been subsumed in Geoguide 5 - Guide to Slope Maintenance, 3rd Edition, issued by the Geotechnical Engineering Office of the Civil Engineering and Development Department for over two years. This TGN is hereby cancelled.							
9	Updating of GEO Report No. 56 : Application of Prescriptive Measures to Slopes and Retaining Walls (Second Edition)	2	30.11.2009	The technical recommendations of this Technical Guidance Note (TGN No. 9) have been subsumed in GEO Publication No. 1/2009 : Prescriptive Measures for Man-made Slopes and Retaining Walls, issued by the Geotechnical Engineering Office of the Civil Engineering and Development Department. This TGN is hereby cancelled.							

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10	Enhancement of Rock Slope Engineering Practice Based on Findings of Landslide Studies	4	19.10.2020								
11	Enhancing the Reliability and Robustness of Engineered Soil Cut Slopes	1	5.3.2003	1.7.2004	24.4.2018						
12	The Designated Area of Northshore Lantau	1	13.6.2003	1.7.2004							
13	Guidelines on the Use of Prescriptive Measures for Rock Cut Slopes	3	30.11.2009	The technical recommendations of this Technical Guidance Note (TGN No. 13) have been subsumed in GEO Publication No. 1/2009 : Prescriptive Measures for Man-made Slopes and Retaining Walls, issued by the Geotechnical Engineering Office of the Civil Engineering and Development Department. This TGN is hereby cancelled.							
14	Technical Recommendations for Enhancing the Independent Check of Design and Construction Review of Rock Slope Excavation	2	1.7.2004								
15	Guidelines for Classification of Consequence-to-Life Category for Slope Features	1	15.8.2003	1.7.2004	27.3.2007						
16	Recommendations Arising from Review of Notable Landslide Incidents During Slope Works (1981 – 2002)	1	31.10.2003	1.7.2004							
17	Prescriptive Soil Nail Design for Concrete and Masonry Retaining Walls	2	30.11.2009	The technical recommendations of this Technical Guidance Note (TGN No. 17) have been subsumed in GEO Publication No. 1/2009 : Prescriptive Measures for Man-made Slopes and Retaining Walls, issued by the Geotechnical Engineering Office of the Civil Engineering and Development Department. This TGN is hereby cancelled.							
18	Acceptance of Methods for Quality Control	1	17.3.2004	1.7.2004							
19	Installation of Soil Nails and Control of Grouting	3	13.6.2008	The technical recommendations of this Technical Guidance Note (TGN No. 19) have been subsumed in Geoguide 7 - Guide to Soil Nail Design and Construction issued by the Geotechnical Engineering Office, Civil Engineering and Development Department, and the General Specification for Civil Engineering Works (2006 Edition) for over two years. This TGN is hereby cancelled.							
20	Updating of GEO Publication No. 1/2000 – Technical Guidelines on Landscape Treatment and Bio-engineering for Man-made Slopes and Retaining Walls	2	24.2.2012	The technical recommendations of this Technical Guidance Note (TGN No. 20) have been subsumed in GEO Publication No. 1/2011 : Technical Guidelines on Landscape Treatment for Slopes, issued by the Geotechnical Engineering Office of the Civil Engineering and Development Department. This TGN is hereby cancelled.							

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21	Design of Soil Nail Heads	2	10.6.2008	The technical recommendations of this Technical Guidance Note (TGN No. 21) have been subsumed in Geoguide 7 - Guide to Soil Nail Design and Construction issued by the Geotechnical Engineering Office, Civil Engineering and Development Department for over two years. This TGN is hereby cancelled.								
22	Guidelines on Geomorphological Mapping for Natural Terrain Hazard Studies	1	22.12.2004									
23	Good Practice in Design of Steel Soil Nails for Soil Cut Slopes	2	10.6.2008	The technical recommendations of this Technical Guidance Note (TGN No. 23) have been subsumed in Geoguide 7 - Guide to Soil Nail Design and Construction issued by the Geotechnical Engineering Office, Civil Engineering and Development Department for over two years. This TGN is hereby cancelled.								
24	Site Investigation for Tunnel Works	2	14.10.2009	The technical recommendations of this Technical Guidance Note (TGN No. 24) have been subsumed in Geoguide 2 - Guide to Site Investigation (2017 Version) issued by the Geotechnical Engineering Office, Civil Engineering and Development Department. This TGN is hereby cancelled (Apr 2019).								
25	Geotechnical Risk Management for Tunnel Works	2	22.11.2005	11.8.2009								
26	Supplementary Guidelines for Foundation Design in Areas Underlain by Marble and Marble-bearing Rocks	1	22.9.2005	18.1.2022	28.4.2025							
27	Hydraulic Design of Stepped Channels on Slopes	1	3.8.2006	23.12.2023								
28	New Control Framework for Soil Slopes Subjected to Blasting Vibrations	1	24.5.2010									
29	Guidelines on the Assessment of Debris Mobility for Channelised Debris Flows	1	4.1.2011	23.12.2023								
30	Updated Intensity-Duration-Frequency Curves with Provision for Climate Change for Slope Drainage Design	4	13.12.2024									
31	Design of Soil Nails for Upgrading Loose Fill Slopes	1	14.10.2011	This TGN has one recommendation only: “The technical recommendations given in the report “Design of Soil Nails for Upgrading Loose Fill Slopes” (GEO-HKIE, 2011) should be followed.”. As TGN No. 1 serves the same purpose, this TGN is hereby cancelled.								
32	Updating of Geoguide 4 – Guide to Cavern Engineering	1	17.1.2012	The technical recommendations of this Technical Guidance Note (TGN No. 32) have been subsumed in Geoguide 4 (2 nd Edition) - Guide to Cavern Engineering issued by the Geotechnical Engineering Office, Civil Engineering and Development Department issued in 2018. This TGN is hereby cancelled.								
33	Supplementary Technical Guidance on Design of Rigid Debris-resisting Barriers	1	24.8.2012	23.12.2023								

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34	Guidelines on Assessment of Debris Mobility for Open Hillslope Failures	1	8.10.2012	23.12.2023							
35	Detailing of Rigid Debris-resisting Barriers	1	9.11.2012	23.12.2023							
36	Guidelines on Enhanced Approach for Natural Terrain Hazard Studies	1	5.7.2013	24.6.2014	The technical recommendations of this Technical Guidance Note (TGN No. 36) have been subsumed in GEO Report No. 138 - Guidelines for Natural Terrain Hazard Studies, issued by the Geotechnical Engineering Office of the Civil Engineering and Development Department. This TGN is hereby cancelled.						
37	Guidelines on Empirical Design of Flexible Debris-resisting Barriers for Mitigating Natural Terrain Open Hillside Landslide Hazards	1	5.7.2013	24.6.2014	13.12.2024						
38	Guidelines on the Assessment of Debris Mobility for Failures within Topographic Depression Catchments	1	5.7.2013	23.12.2023							
39	Guidelines for Estimation of Surface Runoff from Natural Terrain Catchments for Drainage Design Purposes	1	27.12.2013								
40	Guidelines on Temporary Drainage Provisions and Precautionary Measures against Severe Rainfall during Site Formation Works and Construction of Reinforced Fill Structures	1	27.1.2014								
41	Amendments to British Standards References in Technical Guidance Documents for Migration to Eurocodes	1	11.2.2014								
42	Supplementary Guidelines on the Use of Eurocodes and UK National Annexes for Structural Design of Slope Works under the Landslip Prevention and Mitigation Programme	1	11.2.2014								
43	Guidelines on Hydraulic Design of U-shaped and Half-round Channels on Slopes	1	5.6.2014								

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44	Assessment of Landslide Debris Impact Velocity for Design of Debris-resisting Barriers	1	31.3.2015	23.12.2023							
45	Assessment of Design Debris Retention Volume of Debris-resisting Barriers	1	11.6.2015	23.12.2023							
46	Supplementary Guidelines on Natural Terrain Hazard Studies for Hillside Pockets	1	11.3.2016	The technical recommendations of this Technical Guidance Note (TGN No. 46) have been subsumed in Sections 2.2.4, 2.2.5, 4.4.3, 4.10, 4.13.5, 5.5 & 5.7.3 of GEO Report No. 138 - Guidelines for Natural Terrain Hazard Studies (Second Edition), issued by the Geotechnical Engineering Office of the Civil Engineering and Development Department. This TGN is hereby cancelled.							
47	Updates of Design Guidance of Rigid Debris-resisting Barriers	1	1.4.2016	23.12.2023							
48	Detailing of Flexible Debris-resisting Barriers	1	15.11.2019	23.12.2023							
49	Supplementary Guidelines on Precautionary Measures for Mitigating the Risks of Excessive Ground Loss and Sinkhole Formation Associated with Deep Excavations	1	2.6.2020	16.11.2023	5.2.2024						
50	Technical Requirements for Determination of Bulk Excavation Limit in the Mid-levels Scheduled Area	1	1.2.2021								
51	Supplementary Guidelines on Soil-nail Head Designs	2	28.4.2025								
52	Enhanced Technical Guidance on Design of Rigid Debris-resisting Barriers	1	30.12.2020	28.12.2022	23.12.2023						
53	Supplementary Guidelines for Foundation Design and Construction	1	19.1.2023	28.4.2025							
54	Guidelines on Ground Deformation Control Mechanism for Geotechnical Works	1	15.1.2024								
55	Design of Flexible Debris-resisting Barriers Using Force Approach	1	13.12.2024								

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56	Design of Flexible Debris-resisting Barriers Using Energy Approach	1	13.12.2024								
57	Foundation Design of Flexible Debris-resisting Barriers	1	13.12.2024								