

Civil Engineering and Development Department

Spatial Data Plan for 2023 to 2025

A . Departmental datasets to be opened up in 2023

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	Development	Boulder	The general information on location of boulder areas	03/2023	One-off
2	Development	Boundary of Designated Area	Spatial polygon of the Area and basic information pertinent to the identification of the area	03/2023	As and when there is update
3	Development	Cavern Master Plan	Spatial polygons of the Strategic Cavern Areas (SVCA) and details of the SVCA, e.g. area, elevation, geology and constraints, etc.	03/2023	As and when there is update
4	Development	Enhanced Natural Terrain Landslide Inventory	The distribution of natural terrain landslides – landslide crown location and landslide debris trail	03/2023	Every 3 Years
5	Development	Geological Map (1:100,000)	1:100,000 scale geological map	03/2023	As and when there is update
6	Development	Geological Map (1:20,000)	1:20,000 scale geological maps	03/2023	As and when there is update
7	Development	Hillside Pocket	The general information on the distribution of hillside pockets, i.e. natural terrain catchments that have been affected by human disturbance to varying degrees.	03/2023	One-off

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8	Development	Historical Landslide Catchment	The general information on the distribution of natural terrain catchment with known past landslides that occurred close to existing building and important transport corridors	03/2023	Every 3 Years / As and when there is update
9	Development	Landslide Warning Sign - Road with a History of Landslides	The distribution of standard traffic warning sign 487 erected along busy road with a history of landslides	03/2023	Yearly
10	Development	Landslide Warning Sign - Slopes Affecting Squatters	The distribution of squatter warning sign, which serves to warn the affected squatter dwellings about landslide risk	03/2023	Yearly
11	Development	List of Natural Hillside Catchments with Works Being Upgraded or Pending Upgrading Under Current Contracts	The list of Natural Hillside Catchments with Works Being Upgraded or Pending Upgrading Under Current LPMit Contracts	03/2023	Monthly
12	Development	List of Study Areas Being Studied or Scheduled for Studying Under Current Agreements	The list of Study Areas Being Studied or Scheduled for Studying Under Current LPMit Agreements	03/2023	Monthly
13	Development	List of Substandard Government man-made Slopes Being Upgraded or Pending Upgrading Under Current Contracts	The list of Substandard Government man-made Slopes Being Upgraded or Pending Upgrading Under Current LPMit Contracts	03/2023	Monthly

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Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
14	Development	Location of Landslide Incidents	Spatial location of the confirmed landslide incident and basic information pertinent to the landslide, including the location, estimated scale of failure, date of failure, etc.	03/2023	Yearly
15	Development	Location of contaminated and uncontaminated mud disposal facilities	Location of the active contaminated mud pit to the East of Sha Chau to accommodate contaminated mud; and active open sea disposal areas in the eastern and southern Hong Kong waters to accommodate uncontaminated mud	03/2023	Quarterly

B . Departmental datasets to be opened up in 2024 and 2025

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	N/A				

C . Datasets planned to be opened up by other organisations

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	N/A				

D . Progress: Datasets already opened up on CSDI Portal by Department and other organisations

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
1	Development	GEO Raingauge Data	Daily rainfall data collected by Raingauge stations of Geotechnical Engineering Office (GEO), CEDD since 1984	12/2022	Quarterly
2	Development	Ground Investigation	Location of Ground Investigation (GI) stations carried out for public works (including Housing Authority)	12/2022	Monthly
3	Development	LiDAR Data	LiDAR Data obtained from the LiDAR Survey conducted in 2010 and 2020	12/2022	As and when there is update
4	Development	Registered Man-made Slopes	An inventory of all man-made slopes registered in the Government Slope Catalogue	12/2022	Monthly
5	Development	Wave Data	Wave data measured at wave monitoring stations in Hong Kong waters since 1994	12/2022	Yearly

Civil Engineering and Development Department**December 2022**