Environmental Protection Department / Environment and Ecology Bureau (Environment Branch)

Consolidated Annual Open Data Plan (Spatial Data Plan included) for 2024 to 2026

A. Departmental datasets to be released in 2024

i. Spatial Data

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	Environment	Retail Network of Designated Bags and Designated Labels	In order to facilitate the public to purchase Designated Bags and Designated Labels for the implementation of MSW charging, the Environmental Protection Department has been setting up a territory-wide retail network, covering retail points including supermarkets, convenience stores, pharmacies and online platforms, etc.	02/2024	As and when there is update
2	Environment	2020 L10 (1 hour) at 4m	The calculated L10 (1 hour) in the traffic peak hour in noise map 2020 (at 4m height)	06/2024	As and when there is update
3	Environment	2030 3RS NEF Noise Contours in the approved EIA report	The data shows the details of 2030 3RS NEF Noise Contours in the approved EIA report	06/2024	As and when there is update
4	Environment	Habitat Maps from EIA Reports	Habitat maps from approved environmental impact assessment reports	06/2024	Yearly
5	Environment	Industrial Estate (IF) Influencing Factors	The data identifies the locations of Industrial Estate (IF) Influencing Factors in determining ASR by the TM under the Noise Control Ordinance	06/2024	As and when there is update
6	Environment	Low Noise Road Surface	The data shows the extent of LNRS on roads in computing noise mapping	06/2024	As and when there is update

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
7	Environment	Pollutants in the Atmosphere and their Transport over Hong Kong (PATH)	Meteorological data and air pollutant background levels for air quality impact assessment	06/2024	As and when there is update
8	Environment	Specified Process License	The location of premises with Specified Process Licence	06/2024	Quarterly
9	Environment	Disposal Records of Municipal Solid Waste at Various Waste Management Facilities	Disposal records of municipal solid waste at refuse transfer stations and landfills under the Municipal Solid Waste Charging Scheme	09/2024	Daily

ii. Non-Spatial Data

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

B. Departmental datasets to be released in 2025 and 2026

i. Spatial Data

Item No.	Type of Data	Name of Dataset	General Description	Target Release Date (in mm/yyyy)	Update Frequency
1	Environment	Issued Construction Noise Permit	Online System for searching the issued Construction Noise Permit and the corresponding information	12/2025	Daily
2	Environment	List of Clinical Waste Collectors	A list of Licensed Clinical Waste Collectors approved by EPD	12/2025	Quarterly
3	Environment	List of Licensed Chemical Waste Collectors	A list of Licensed Chemical Waste Collectors approved by EPD	12/2025	Quarterly

ii. Non-Spatial Data

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

(1) Name of organisation

i. Spatial Data

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

ii. Non-Spatial Data

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 uploaded to DATA.GOV.HK and/or CSDI Portal by Department and other organisations

i. Spatial Data

Remark: Entries of datasets released in or before 2022 were based on "Annual Spatial Data Plan for 2023 to 2025".

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
1	Environment	Air Quality Monitoring Network of Hong Kong	The air quality monitoring network of Hong Kong is composed of general and roadside air quality monitoring stations, which continuously monitor the pollutant levels at the ambient air and roadside respectively.	12/2022	As and when there is update
2	Environment	Beach Water Quality Grading	Latest information on beach water quality grading (updated data are generally posted onto this webpage within 48 hours after sampling)	12/2022	As and when there is update
3	Environment	Current Air Quality Health Index	Current Air Quality Health Index (AQHI) at individual general and roadside Air Quality Monitoring stations	12/2022	Hourly
4	Environment	EPD Customer Service Counters	A number of polluting activities and operations require permits or licences. To save applicants' time, the EPD has established Customer Service Counters at all of its Regional Offices. The department also receive electronic submissions. For details, please refer to EPD Webpage.	12/2022	As and when there is update
5	Environment	Environmental Education & Resource Centres	With the theme of "carbon neutrality", the Wan Chai Environmental Resource Centre provides a variety of interactive exhibitions and environmental activities to promote low-carbon living.	12/2022	As and when there is update
6	Environment	Hydrogen Sulphide Monitoring Data at the Boundary of WENT and NENT Landfills	Hydrogen Sulphide monitoring data at monitoring locations	12/2022	Every 15 Minutes

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
7	Environment	Past 24-hour Air Quality Health Index	Air Quality Health Index (AQHI) at individual general and roadside Air Quality Monitoring stations for the past 24 hours	12/2022	Hourly
8	Environment	Past 24-hour Pollutant Concentration	Pollutant Concentration at individual general and roadside Air Quality Monitoring stations for the past 24 hours	12/2022	Hourly
9	Environment	Past record of Air Quality Health Index	Hourly Air Quality Health Index (AQHI) at individual Air Quality Monitoring stations since 30 December 2013	12/2022	Twice per Year
10	Environment	Pollution Complaint Statistics	The Pollution Complaint Statistics is a breakdown by District and Nature.	12/2022	As and when there is update
11	Environment	Recent Marine Water Quality Data	Recent Dissolved Oxygen (DO) and bacteria (E. coli) data at different Marine Water Quality Monitoring stations	12/2022	Monthly
12	Environment	Recent River Water Quality Data	Recent Dissolved Oxygen (DO) and bacteria (E. coli) data at downstream monitoring stations of major rivers	12/2022	Monthly
13	Environment	Reverse Vending Machine Pilot Scheme	Provision of information on the locations and service hours of reverse vending machines (RVMs) under the RVM Pilot Scheme, where public can return used plastic beverage containers for instant rebate. Please refer to the dedicated website of the Pilot Scheme for more information.	12/2022	As and when there is update
14	Environment	Waste Less - Recyclable Collection Points Data	"Waste Less" is a mobile app developed by the Environmental Protection Department (EPD) of the Government of the Hong Kong Special Administrative Region, fitting for a variety of mobile devices. The primary purpose of this mobile app is to provide information of recyclable collection points in public places of Hong Kong. It covers recycling bins and collection points for paper, metals, plastics, glass bottles, fluorescent	12/2022	As and when there is update

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
			lamps, rechargeable batteries, small electrical and electrical equipment, regulated electrical equipment, clothes, barbecue forks and tetra pak.		
15	Environment	Waste Management Facilities	EPD Waste Management Facilities include Strategic Landfills, Refuse Transfer Stations, Chemical Waste Treatment Centre, Sha Ling Livestock Waste Composting Plant, Animal Waste Composting Plant, EcoPark, WEEE·PARK.	12/2022	As and when there is update
16	Environment	Water Filling Stations in Government Venues for Public Use	Provide the locations of the water filling stations available in government venues for public use to facilitate the public to inculcate a "bring your own bottle" culture and reduce the use of bottled water.	12/2022	As and when there is update
17	Transportation	Availability of EPD-owned electric vehicle chargers in government vehicle parks	Real time availability of EPD-owned electric vehicle chargers in government vehicle parks	12/2022	Every 1 Minute
18	Transportation	Electric Vehicle Chargers for Public Access	Location and details of electric vehicle chargers offered by the Government and private sector for public access.	12/2022	Quarterly
19	Environment	Schools participating in the "Waste Separation and Recycling Scheme in Schools"	Locations of schools participating in the "Waste Separation and Recycling Scheme in Schools". Students can understand the importance of resource conservation and waste separation through practicing proper separation of waste for recycling.	01/2023	Yearly
20	Environment	Historical Beach Water Quality Data	Beach Water Quality data since 1986 (To be updated yearly along with the publication of the beach water quality annual report (usually in April))	03/2023	Yearly
21	Environment	Past Record of Air Pollution Index	Hourly Air Pollution Index (API) at individual Air Quality Monitoring stations from July 1999 to December 2013	03/2023	One-off

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
22	Land Information	Open Space Database of Recycling Station	The information of the open spaces of Recycling Station	03/2023	As and when there is update
23	Environment	Historical River Water Quality Data	River Water Quality data at different monitoring stations since 1986	06/2023	Yearly
24	Environment	Location of Centres of ECF Surplus Food Recovery Projects	The Environment and Conservation Fund (ECF) has started funding non-profit organisations in the recovery of surplus food since July 2014. The recipient organisations collect surplus food from wet markets, retail shops, supermarkets, club houses, hotels and food suppliers etc. and redistribute them to the needy. Locations of centres of on-going ECF-funded Surplus Food Recovery Projects will be available for organisations' and public's reference.	06/2023	Twice per Year
25	Environment	Location of Wet Markets Covered by ECF Surplus Food Recovery Projects	Locations of wet markets which are covered by on-going ECF-funded Surplus Food Recovery Projects will be available for organisations' and public's reference.	06/2023	Twice per Year
26	Environment	Pollution Load Inventory for Water Quality Modelling	Pollution Load Inventory by Type, for Water Quality Modeling	06/2023	As and when there is update
27	Environment	Smart Lampposts Air Quality Data	Air quality data including nitrogen monoxide, nitrogen dioxide and PM2.5 concentrations measured by Smart Lamppost sensors	06/2023	Every 5 Minutes
28	Environment	EIAO Projects with Application for Approval of Environmental Impact Assessment Report	Applications for approval of environmental impact assessment report under the Environmental Impact Assessment Ordinance	09/2023	Quarterly
29	Environment	EIAO Projects with Application for Permission to Apply Directly for Environmental Permit	Applications for permission to apply directly for environmental permit under the Environmental Impact Assessment Ordinance	09/2023	Quarterly
30	Environment	Historical Marine Water Quality Data	Marine Water Quality data at different Marine Water Quality Monitoring stations since 1986	09/2023	Yearly

ii. Non-Spatial Data

Remark: Entries of datasets released in or before 2022 were based on "Annual Open Data Plan for 2023 to 2025"

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
1	Environment	Beach Water Quality Grading	Latest Information on beach water quality grading in RSS format	03/2015	Updated data are generally posted onto this webpage within 48 hours after sampling
2	Environment	Current Air Quality Health Index	Current Air Quality Health Index (AQHI) at individual general and roadside Air Quality Monitoring stations in RSS format	03/2015	Hourly
3	Environment	Current air quality health index range and forecast	Current range and forecast of Air Quality Health Index (AQHI) at general and roadside stations in RSS format	03/2015	AQHI: hourly / Forecast: 00:30, 10:30 and 16:30 everyday and as required
4	Environment	Past 24-hour Air Quality Health Index	Air Quality Health Index (AQHI) at individual general and roadside Air Quality Monitoring stations for the past 24 hours in XML format	03/2015	Hourly
5	Environment	Past Record of Air Pollution Index	Hourly Air Pollution Index (API) at different Air Quality Monitoring stations from July 1999 to December 2013 in CSV format	03/2015	Only the hourly Air Pollution Index (API) of the period from July 1999 to December 2013 is available
6	Environment	Past record of Air Quality Health Index	Hourly Air Quality Health Index (AQHI) at different Air Quality Monitoring stations since 30 December 2013 in CSV format	03/2015	Every Six Months
7	Environment	Waste Less - Recyclable Collection Points Data	Location and details of various recyclable collection points all over Hong Kong in CSV format	03/2015	When there are changes of locations informed by different content owners

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
8	Environment	Past 24-hour Pollutant Concentration	Pollutant Concentration at individual general and roadside Air Quality Monitoring stations for the past 24 hours in XML format	09/2015	Hourly
9	Environment	Historical River Water Quality Data	River Water Quality data at different monitoring stations in CSV format	05/2018	To be updated yearly along with the Annual Report on River Water Quality in Hong Kong (Usually in Q3)
10	Environment	Recent River Water Quality Data	Recent Dissolved Oxygen (DO) and bacteria (*E. coli*) data at downstream monitoring stations of major rivers in CSV format	05/2018	Every mid of month
11	Environment	Historical Marine Water Quality Data	Marine Water Quality data at different Marine Water Quality Monitoring stations in CSV format	08/2018	To be updated yearly along with the Annual Report on Marine Water Quality in Hong Kong (Usually in Q3)
12	Environment	Recent Marine Water Quality Data	Recent Dissolved Oxygen (DO) and bacteria (*E.coli*) data at different Marine Water Quality Monitoring stations in CSV format	08/2018	Monthly And Update When Necessary
13	Environment	Historical Beach Water Quality Data	Beach Water Quality data in CSV format	02/2019	To be updated yearly along with the publication of the Beach Water Quality Annual Report (Usually in April)

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
14	Environment	Municipal solid waste generation quantity	Annual quantity of municipal solid waste locally generated in CSV format	03/2019	Annually in December after the release of the statistical report on Monitoring of Solid Waste
15	Environment	Municipal solid waste recovery quantity	Annual quantity of recyclables recovered from municipal solid waste in CSV format	03/2019	Annually in December after the release of the statistical report on Monitoring of Solid Waste
16	Environment	Per capita waste disposal rates of selected waste categories	Quantity of municipal solid waste and domestic waste disposed of at landfills on a daily basis by an average person of the Hong Kong population in CSV format	03/2019	Annually in December after the release of the statistical report on Monitoring of Solid Waste
17	Environment	Total solid waste disposal quantity	Annual quantity of total solid waste disposed of at landfills in CSV format	03/2019	Annually after the release of the Budget Estimates
18	Environment	Total solid waste disposal quantity by waste category	Annual quantity of total solid waste disposed of at landfills by waste category, including municipal solid waste, overall construction waste and special waste, in CSV format	03/2019	Annually in December after the release of the statistical report on Monitoring of Solid Waste
19	Environment	Smart Lampposts Air Quality Data	Air quality data including nitrogen monoxide, nitrogen dioxide and PM2.5 concentrations measured by Smart Lamppost sensors in JSON format	06/2020	Every 5 minutes

Item No.	Type of Data	Name of Dataset	General Description	Released Date (in mm/yyyy)	Update Frequency
20	Environment	Water dispensers in venues of Environmental Protection Department	List of water dispensers in venues of Environmental Protection Department in CSV format	10/2020	When there is any update in information of water dispenser
21	Environment	Greenhouse Gas Emissions in Hong Kong by Sector	Greenhouse gas emissions by sector in Hong Kong in JSON format	07/2021	The third quarter of each year after the release of the Greenhouse Gas Emissions in Hong Kong
22	Environment	Greenhouse Gas Emissions and Carbon Intensity in Hong Kong	Greenhouse gas emissions and carbon intensity in Hong Kong in JSON format	07/2021	The third quarter of each year after the release of the Greenhouse Gas Emissions in Hong Kong

Environmental Protection Department / Environment and Ecology Bureau (Environment Branch)
March 2024