

Introductory Guide

The HBF Marine Study – Google Earth and Excel Databases

A1	Location / Action Area																	
	A	B	C	D	E	F	G	H		I	J	K			N	O		P
Location / Action Area	Name of Interface / Facility	General Use	Specific Use	WDRU Classification	Operator / Maintainer	Marine Structure No.	Frontage	Waterline	Public Access to Waterfront	Ownership	Facility Status	Duration	Zoning Plan	Approved Zoning	Description			
Green Island	Green Island (North)	Recreation & Open Space	Natural coastline (rocks)	COAST			886	886	?	Government	Permanent							
Green Island	Green Island Police Pier	Municipal	Police, Fire, C&I, Marine Dept	COAST	Hong Kong Police Force	HP095	8	44	No access	Government	Permanent							
Green Island	Green Island (South)	Recreation & Open Space	Natural coastline (rocks)	COAST			615	615	?	Government	Permanent							
Green Island	Green Island Reception Centre	Municipal	Immigration detention centre	Non-WDRU	Correctional Services Department		166	166	No access	Government	?							
Green Island	Green Island Reception Centre Pier	Municipal	Immigration detention centre	Non-WDRU	Correctional Services Department	HP094	5	47	No access	Government	?							
Green Island	Little Green Island	Recreation & Open Space	Natural coastline (rocks)	COAST			642	642	?	Government	Permanent							
Kennedy Town	Sulphur Channel	Recreation & Open Space	Natural coastline (rocks)	COAST			750	750	?	Government	Permanent							
Kennedy Town	Sai Ning Street Landing No. 1	Passenger Transport	Public pier / landing step	WDRU	Civil Engineering and Development Department	HP058			?	Government	Permanent							
Kennedy Town	Island West Transfer Station	Municipal	Municipal waste transfer	WDRU	Environmental Protection Department		200	200	No access	Government	Permanent							
Kennedy Town	Kennedy Town Temporary Recreation Ground	Recreation & Open Space	Promenade / park with amenities	PP	Leisure and Cultural Services Department		160	160	Public access	Government	Temporary	?						
Kennedy Town	China Merchants Godown A	Logistics	Dockside storage	WDRU	China Merchants Godown, Wharf & Transportation		60	60	No access	Private	Permanent							
Kennedy Town	China Merchants Wharf Pier	Logistics	Cargo handling (private)	WDRU	China Merchants Godown, Wharf & Transportation		30	496	No access	Private	Permanent							
Kennedy Town	China Merchants Godown B	Logistics	Dockside storage	WDRU	China Merchants Godown, Wharf & Transportation		60	60	No access	Private	Permanent							
Kennedy Town	Sai Ning Street Landing No. 2	Passenger Transport	Public pier / landing step	WDRU	Civil Engineering and Development Department	HP059			No access	Government	Permanent							
Kennedy Town	Victoria Public Mortuary	Municipal	Mortuary	Non-WDRU	Department of Health		31	31	No access	Government	Permanent							
Kennedy Town	MTR Temporary Work Area for the WIL Construction (Phase 1)	Other	Temporary use for construction	WDRU	MTRC / Civil Engineering and Development Department				No access	Government	Temporary	until 2014						
Kennedy Town	Kennedy Town Incinerator Pier (WIL Construction)	Other	Temporary use for construction	WDRU	MTRC / Civil Engineering and Development Department	HP099			No access	Government	Temporary	until 2014						
Kennedy Town	Kennedy Town Abattoir Pier (WIL Construction)	Other	Temporary use for construction	WDRU	MTRC / Civil Engineering and Development Department		290	445	No access	Government	Temporary	until 2014						
Kennedy Town	Kennedy Town Poultry Pier (WIL Construction)	Other	Temporary use for construction	WDRU	MTRC / Civil Engineering and Development Department	HP100			No access	Government	Temporary	until 2014						
Kennedy Town	Kennedy Town Old Cattle Pier (WIL Construction)	Other	Temporary use for construction	WDRU	MTRC / Civil Engineering and Development Department	HP101			No access	Government	Temporary	until 2014						
Kennedy Town	Davis's Street Pier	Passenger Transport	Private pier	WDRU	Government Property Agency	?			No access	Government	Permanent							
Kennedy Town	New Praya, Kennedy Town	Municipal	Road / vehicle parking	Non-WDRU	Highways Department		190	190	?	Government	Permanent							
Kennedy Town	Sitting Out Area adjacent to Kennedy Town (Belcher Estate)	Recreation & Open Space	Promenade / park with amenities	PP	Central & Western District Office / Council		133	133	Public access	Government	Permanent							
Kennedy Town	Western PCWA Landing No. 1	Passenger Transport	Public pier / landing step	WDRU	Civil Engineering and Development Department	HP057			No access	Government	Permanent							
Kennedy Town	MTR West Island Line Barging Point (Western PCWA)	Other	Temporary use for construction	WDRU	MTRC		183	183	No access	Government	Temporary	until 2014						
Kennedy Town	Western District Public Cargo Working Area	Logistics	Cargo handling (public)	WDRU	Marine Department		803	1354	No access	Government	Permanent							
Sai Wan	Western Wholesale Food Market	Logistics	Food supplies wholesale transfer	Non-WDRU	Agriculture, Fisheries and Conservation Department				No access	Government	Permanent							
Sai Wan	Western Wholesale Food Market Pier No. 1	Logistics	Food supplies wholesale transfer	Non-WDRU	Agriculture, Fisheries and Conservation Department	HP117			No access	Government	Permanent							
Sai Wan	Western Wholesale Food Market Pier No. 2	Logistics	Food supplies wholesale transfer	Non-WDRU	Agriculture, Fisheries and Conservation Department	HP118			No access	Government	Permanent							
Sai Wan	Western Wholesale Food Market Pier No. 3	Logistics	Food supplies wholesale transfer	Non-WDRU	Agriculture, Fisheries and Conservation Department	HP119	491	880	No access	Government	Permanent							

The HBF Marine Study – Google Earth and Excel Databases

This presentation introduces the two databases produced as part of the Harbour Business Forum (HBF) Marine Study 2011:

- a Google Earth Geographic Information System; and
- an Excel database of land/water interfaces and marine infrastructure and water and adjacent land uses on and around Victoria Harbour.

Purpose of the Presentation

The Harbour Business Forum (HBF) hopes that this presentation will stimulate you to investigate the database and Geographic Information System (GIS) for yourself to gain a detailed understanding of what is in, on and around Victoria Harbour.

Presentation Overview

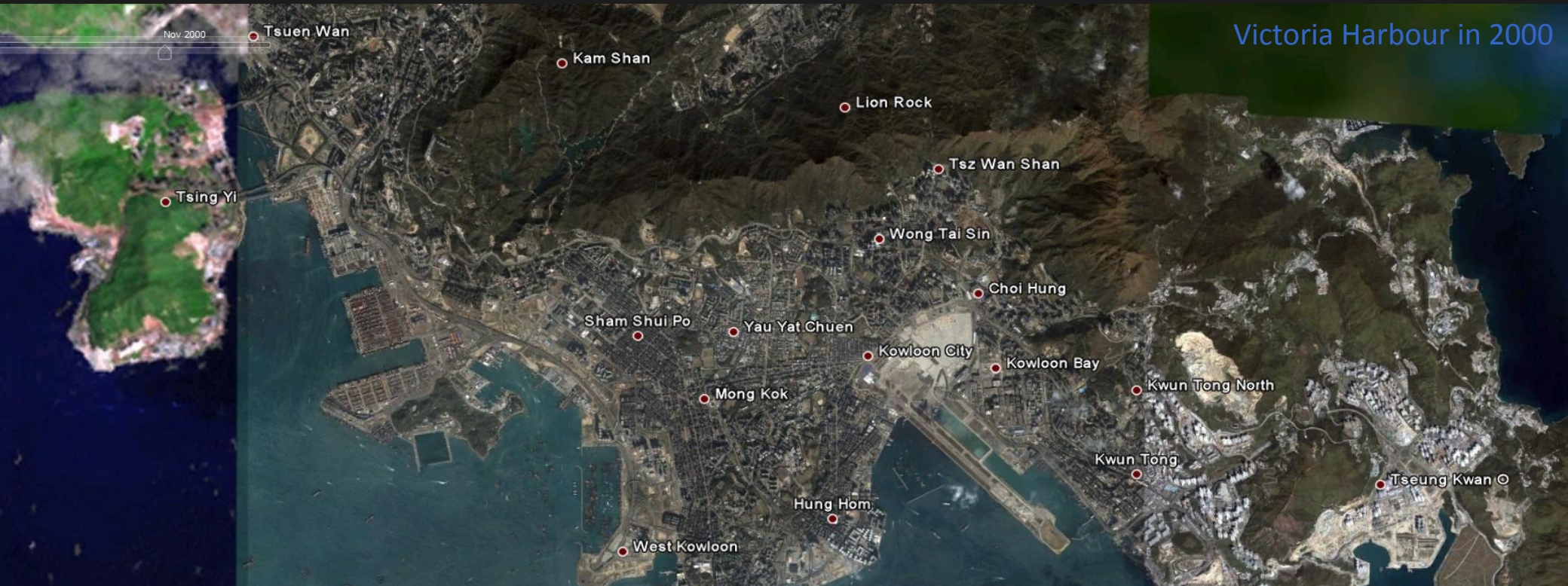
- I. Google Earth Tools**
- II. Google Earth Marine Study Plug-in**
- III. Extract of the Excel Database**
- IV. Abstract of the Working Harbour**
- V. Abstract of the Recreational Use of the Harbour**

I. Google Earth Tools

Google Earth Tools

- 🌐 Google Earth is a freely-available "plug-in" software application that can be downloaded to any computer to be able to view the HBF Geographic Information System (GIS).
- 🌐 Some of the functionality is shown in the following sections of this presentation.
- 🌐 You will see screenshots of the visual rendering of the information available and also examples of the navigational menu.

Historical Aerial Views (1979 – 2009)



The GIS incorporates satellite images of Victoria Harbour at several points in time over the last 30 years, showing some of the recent evolution of the Harbour.



Google Street View Function



The GIS allows users to move, pan and zoom around ground-level views within the Google system. The GIS also gives access to any static photographs of the Harbour stored by Google.

II. Google Earth Marine Study Plug-in

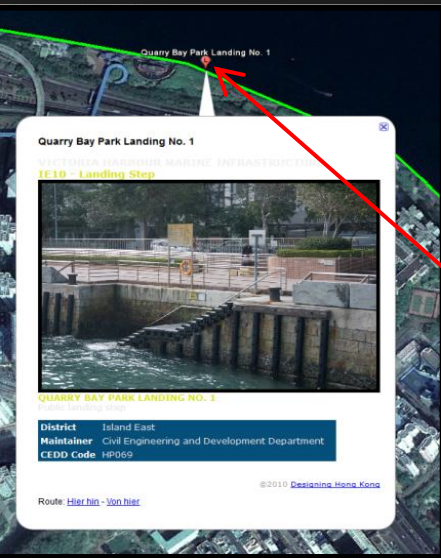
Google Earth Plug-in User Guide: Sidebar Navigation

The image shows a screenshot of the Google Earth application interface. The main window displays a satellite view of a coastal area in Hong Kong, with labels for locations like Tsuen Wan, Sham Shui Po, Kwun Tong, and Hong Kong. The left sidebar is open, showing a 'Places' panel with a tree view of folders and items. The 'Yau Tong Bay' folder is selected and highlighted in blue. The 'Layers' panel at the bottom left shows various map layers like 'Primary Database' and 'Borders and Labels'. The top of the window has a menu bar (File, Edit, View, Tools, Add, Help) and a search bar. The right side of the window features navigation controls like a compass and a 'Click to move around' button. Five yellow text annotations with red arrows point to specific elements in the sidebar and map:

- Scroll to get up and down in the sidebar**: Points to the vertical scrollbar of the Places panel.
- Click on hyperlinks to get to related documents**: Points to the 'Yau Tong Bay - planning brief' link in the Places panel.
- Click on '+' the folder displays its content**: Points to the '+' icon next to the 'Construction' folder in the Places panel.
- Click on '-' the folder closes**: Points to the '-' icon next to the 'Frontage/Waterline' folder in the Places panel.
- Check and uncheck squares to display or hide the information of a whole folder or an item within a folder on the map**: Points to the checkboxes next to various items in the Places panel.

© 2011 Europa Technologies
Image © 2011 GeoEye
© 2011 DigitalGlobe
© 2011 Mapabc.com
Imagery Date: 2/5/2009
1979
22°21'05.17" N 114°14'16.09" E, elev. 197 ft
Eye alt. 48839 ft

Google Earth Plug-in User Guide: Map Navigation

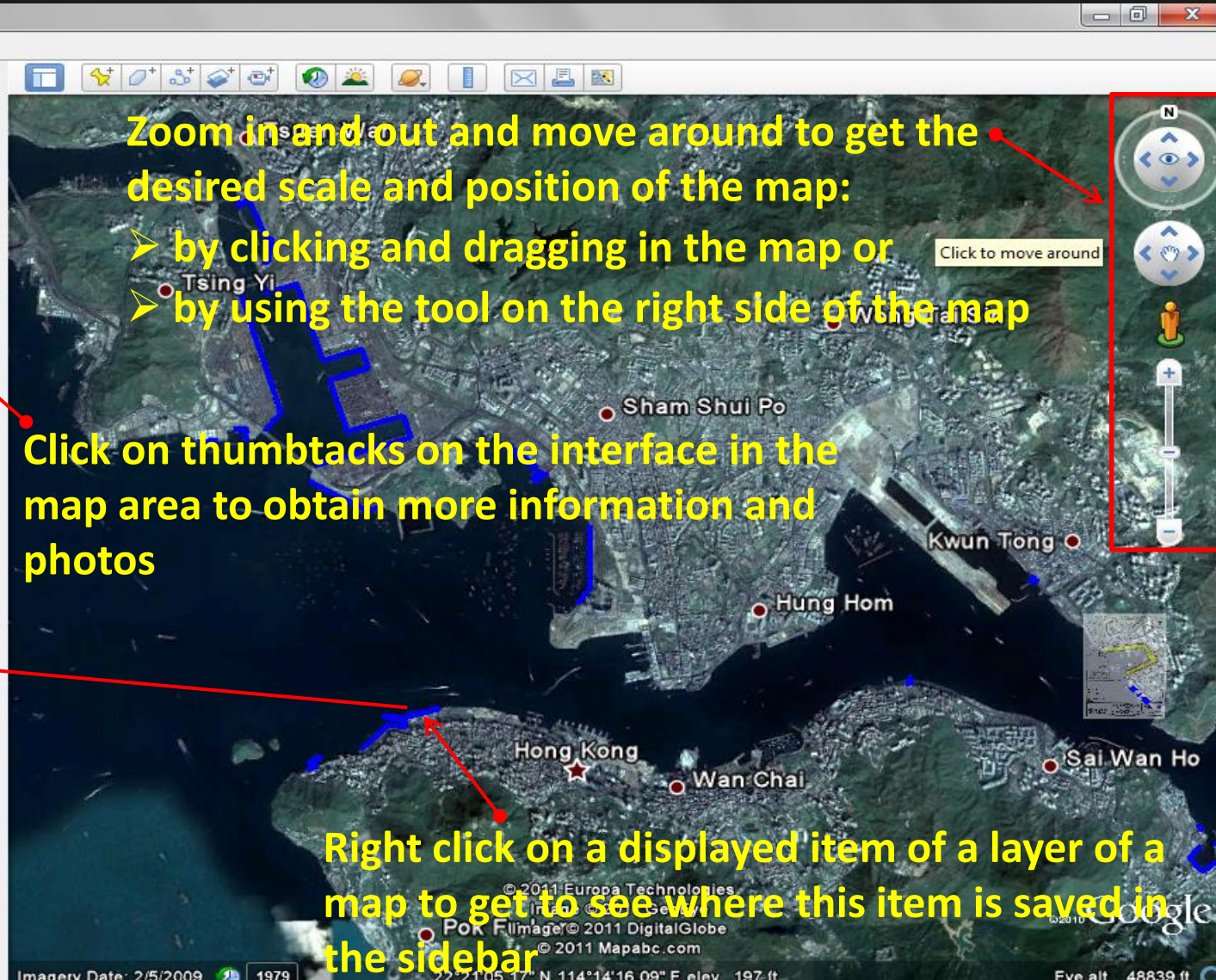
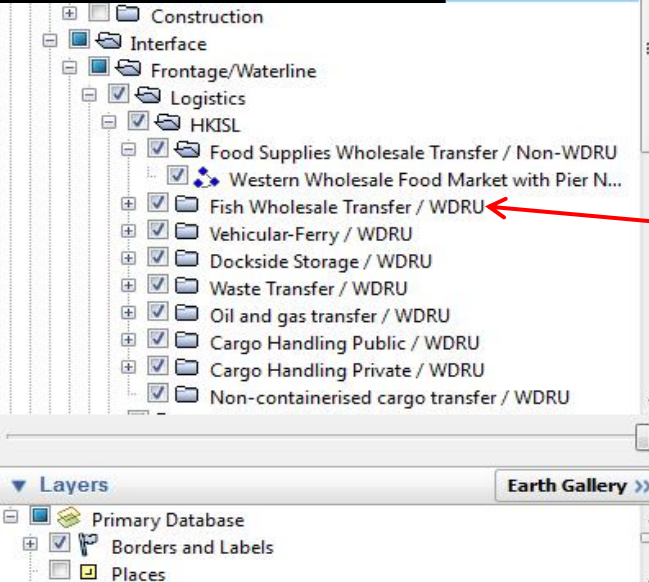


Zoom in and out and move around to get the desired scale and position of the map:

- by clicking and dragging in the map or
- by using the tool on the right side of the map

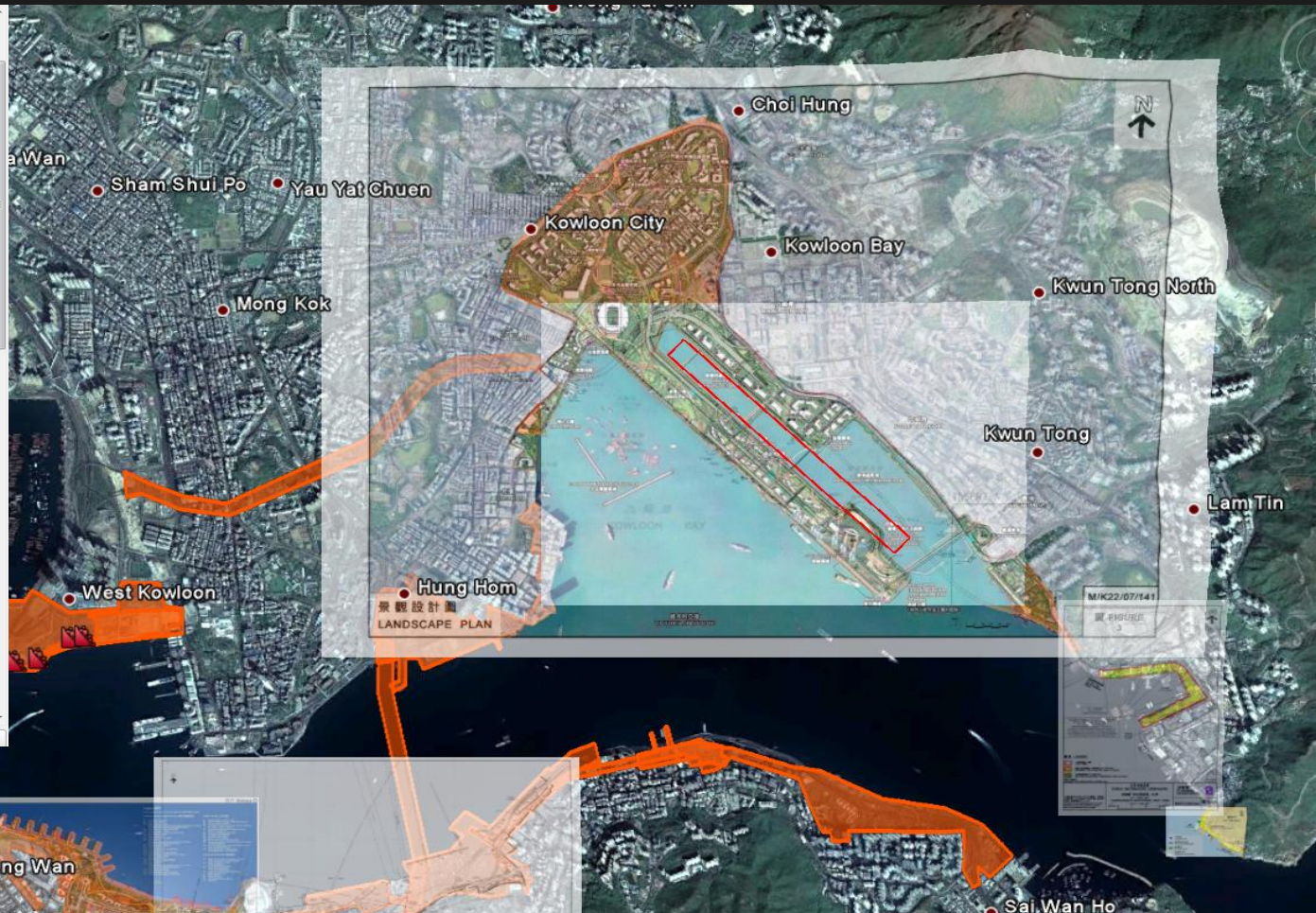
Click on thumbtacks on the interface in the map area to obtain more information and photos

Right click on a displayed item of a layer of a map to get to see where this item is saved in the sidebar



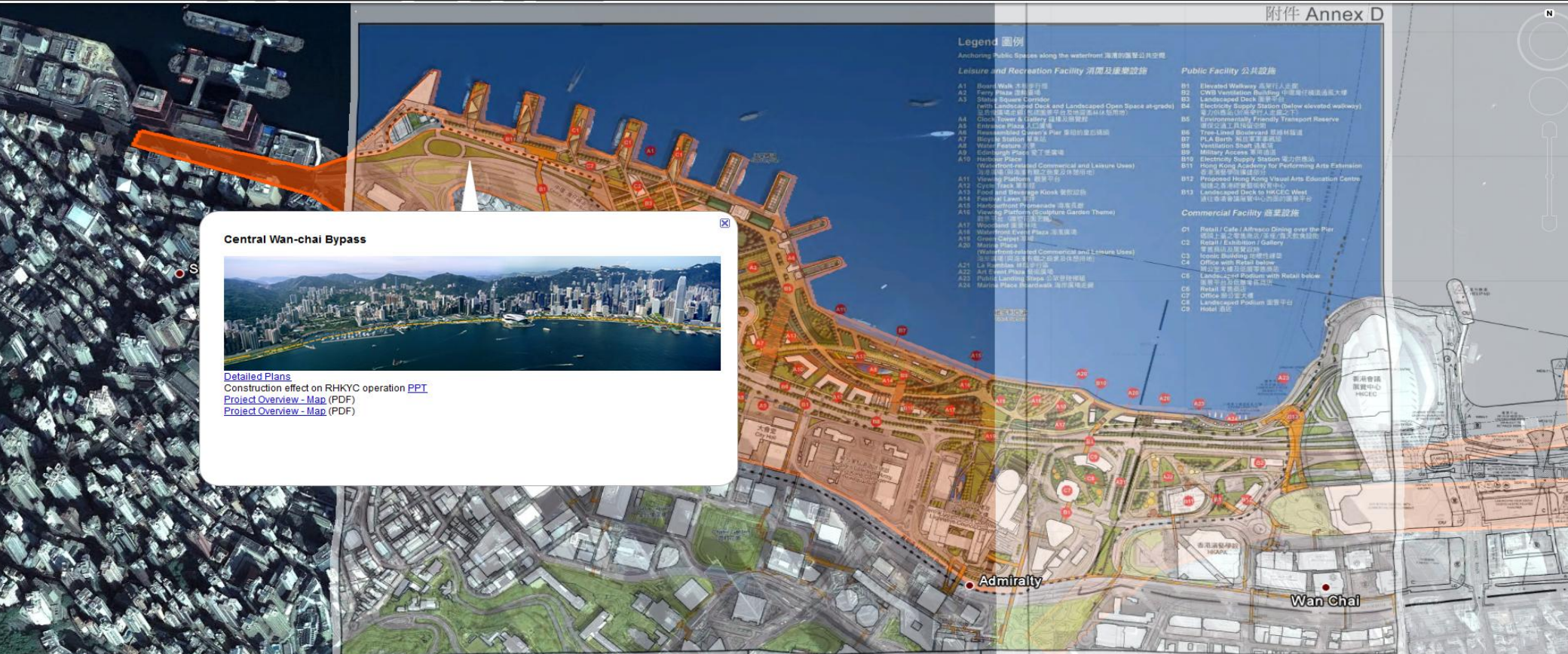
Plans and Proposals around the Harbour

- Opportunity Areas
- Development
 - Plans
 - Runway
 - Kai Tak
 - International Rowing Course Standard
 - http://www.worldrowing.com/medias/docs/media_358169.pdf
 - Lei Yue Mun Waterfront Enhancement Project
 - Tourism Commission Lei Yue Mun Waterfront Enhancement Project [website](#)
 - We completed a series of minor improvement works in Lei Yue Mun (LYM) in 2003. To enhance the
 - West Kowloon Cultural District
 - Project [website](#)
 - Central Kowloon Route
 - Construction Commencement Date: 2012 (Under Review)
 - Truck Road T2
 - Tunnel
 - [Project Profile](#)
 - Shatin to Central Link
 - MTR [Project Description](#)
 - Guangzhou-Shenzhen-Hong Kong Express Rail Link
 - West Island Line - Bargaining Points
 - Central-wanchai bypass
- Proposals
 - Central
 - Urban Design Study for the New Central Harbourfront Link to plans: [PlanD: Urban Design Study for the New Central Harbourfront](#)
 - Central Master Layout Plan
 - PlanD LEGISLATIVE COUNCIL BRIEF (PDF) - page 34
 - Bringing People To The Harbourfront
 - PlanD Hong Kong Island East Harbour-front Study Executive Summary (PDF)
 - Hung Hom District Study
 - PlanD Hung Hom District Study [website](#) [Study Report](#) and [Executive Summary](#) (pdf)
 - North Point Design Competition [pdf](#)
 - Yau Tong Bay
 - Yau Tong Bay - [planning brief](#)



The GIS provides links to gazetted plans and proposals for developments around the Harbour that are available on HKSAR Government websites.

Plans and Proposals around the Harbour



For example, information on the Central Wan-Chai Bypass

Marine Assets



Public Landing Step

VICTORIA HARBOUR MARINE INFRASTRUCTURE
TYN12 - Landing Step



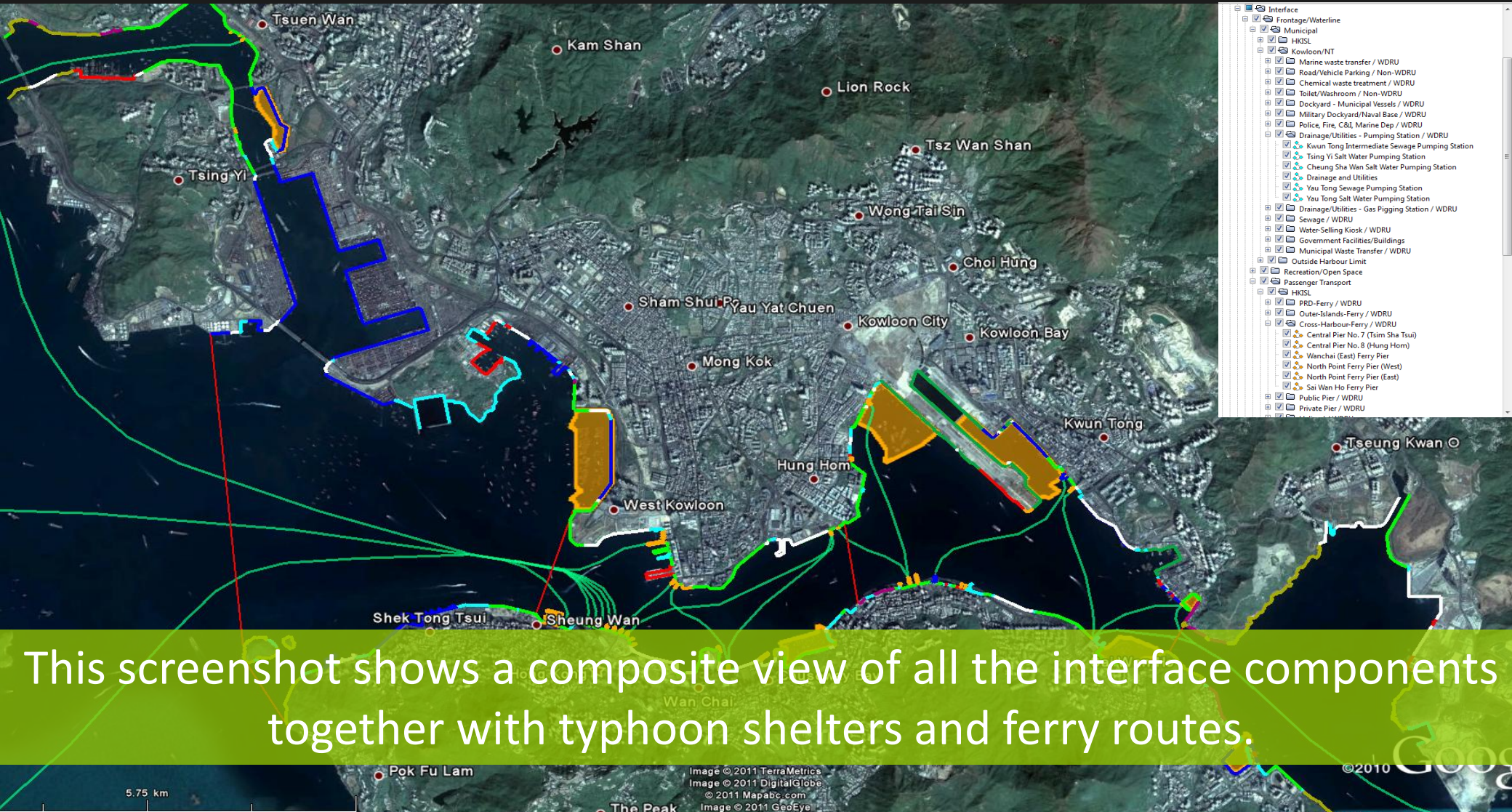
The GIS contains a complete audit of the infrastructure features around Victoria Harbour, complete with photographs taken in early 2010 and descriptive notes.

These assets include landing steps, piers, cargo working areas, marine supply points, etc.

Classified Inventory of the Interface between land and water

The GIS and Excel database records all the known land uses and marine assets in sequence around the 71 km of measured waterfront of Victoria Harbour plus an extension to Chai Wan.

Current Uses on the Interface



This screenshot shows a composite view of all the interface components together with typhoon shelters and ferry routes.

Committed Uses on the Interface



This screenshot incorporates changes comprised in current committed developments on the harbourfront at Kwun Tong, Kai Tak, Central and West Kowloon.

5.75 km

Image © 2011 TerraMetrics
Image © 2011 DigitalGlobe
© 2011 Mapabc.com
Image © 2011 GeoEye

The Peak
22°18'59.99" N 114°10'44.80" O Höhe -41 m

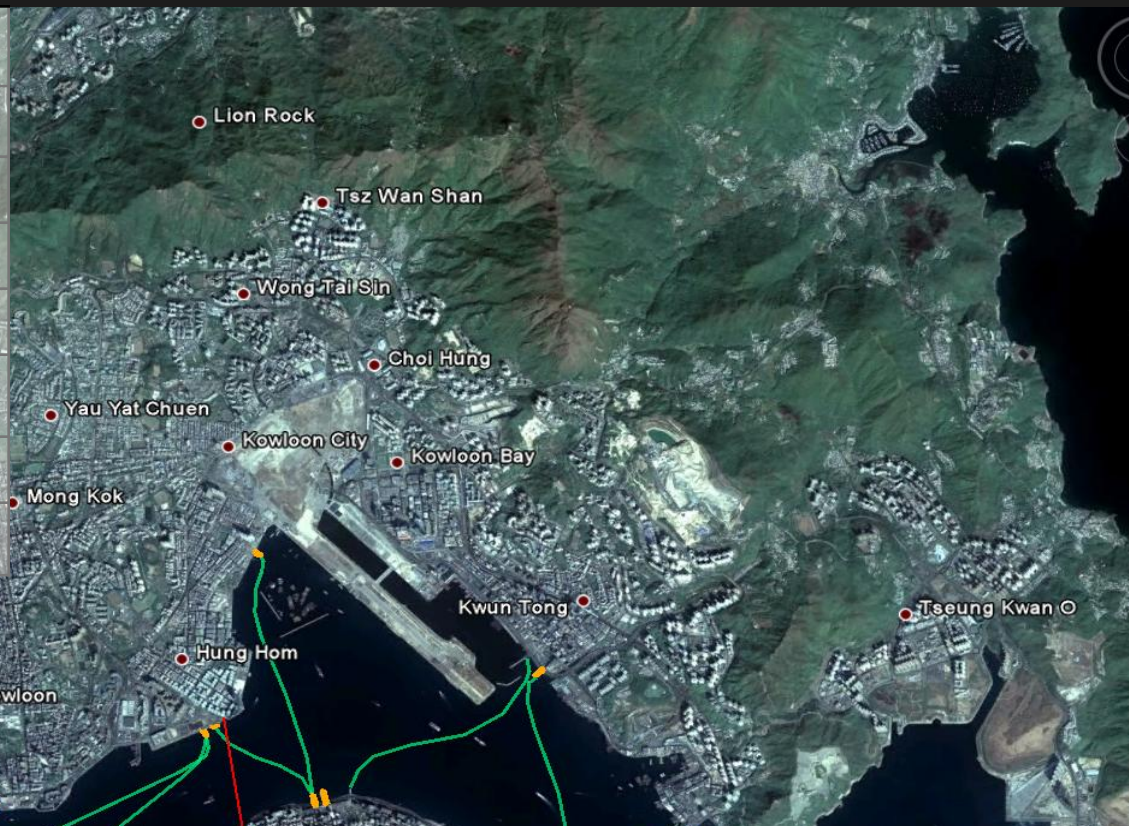
© 2010

Siu Sai Wan

Sichthöhe

Piers

Type of Pier	Number of Piers
Ferry Pier	21
Public Pier	8
Private Pier	10
Government Pier	36
Vehicular Ferry Pier	4
Landing Step	74
Total	153



This screenshot shows passenger-ferry piers, the database comprises all the different piers in the harbour, including vehicle ferry piers and public piers.



Quarry Bay Park Landing Steps



This shows an example of use of the GIS to view the existing assets.

III. Extract of the Excel Database

Extract of the Excel Database

Location / Action Area																			
Location / Action Area	Name of Interface / Facility	Existing Use		WDRU Classification	Operator / Maintainer	Marine Structure No.	Length (metre)		Public Access to Waterfront	Facility / Land Use Status			Outline Zoning						
		General Use	Specific Use				Frontage	Waterline		Ownership	Facility Status	Duration	Zoning Plan	Approved Zoning	Description				
Green Island	Green Island (North)	Recreation & Open Space	Natural coastline (rocks)	COAST	Hong Kong Police Force	HP095	886	886	?	Government	Permanent								
Green Island	Green Island Police Pier	Municipal	Police, Fire, C&I, Marine Dept	WDRU			8	44	No access	Government	Permanent								
Green Island	Green Island (South)	Recreation & Open Space	Natural coastline (rocks)	COAST			615	615	?	Government	Permanent								
Green Island	Green Island Reception Centre	Municipal	Immigration detention centre	Non-WDRU	Correctional Services Department		166	166	No access	Government	?								
Green Island	Green Island Reception Centre Pier	Municipal	Immigration detention centre	Non-WDRU	Correctional Services Department	HP094	5	47	No access	Government	?								
Green Island	Little Green Island	Recreation & Open Space	Natural coastline (rocks)	COAST			642	642	?	Government	Permanent								
Kennedy Town	Sulphur Channel	Recreation & Open Space	Natural coastline (rocks)	COAST			750	750	?	Government	Permanent								
Kennedy Town	Sai Ning Street Landing No. 1	Passenger Transport	Public pier / landing step	WDRU	Civil Engineering and Development Department	HP058			?	Government	Permanent								
Kennedy Town	Island West Transfer Station	Municipal	Municipal waste transfer	WDRU	Environmental Protection Department		200	200	No access	Government	Permanent								
Kennedy Town	Kennedy Town Temporary Recreation Ground	Recreation & Open Space	Promenade / park with amenities	PP	Leisure and Cultural Services Department		160	160	Public access	Government	Temporary	?							
Kennedy Town	China Merchants Godown A	Logistics	Dockside storage	WDRU	China Merchants Godown, Wharf & Transportation		60	60	No access	Private	Permanent								
Kennedy Town	China Merchants Wharf Pier	Logistics	Cargo handling (private)	WDRU	China Merchants Godown, Wharf & Transportation		30	496	No access	Private	Permanent								
Kennedy Town	China Merchants Godown B	Logistics	Dockside storage	WDRU	China Merchants Godown, Wharf & Transportation		60	60	No access	Private	Permanent								
Kennedy Town	Sai Ning Street Landing No. 2	Passenger Transport	Public pier / landing step	WDRU	Civil Engineering and Development Department	HP059			No access	Government	Permanent								
Kennedy Town	Victoria Public Mortuary	Municipal	Mortuary	Non-WDRU	Department of Health		31	31	No access	Government	Permanent								
Kennedy Town	MTR Temporary Work Area for the WIL Construction (F)	Other	Temporary use for construction	WDRU	MTRC / Civil Engineering and Development Department				No access	Government	Temporary	until 2014							
Kennedy Town	Kennedy Town Incinerator Pier (WIL Construction)	Other	Temporary use for construction	WDRU	MTRC / Civil Engineering and Development Department	HP099			No access	Government	Temporary	until 2014							
Kennedy Town	Kennedy Town Abattoir Pier (WIL Construction)	Other	Temporary use for construction	WDRU	MTRC / Civil Engineering and Development Department	?	290	445	No access	Government	Temporary	until 2014							
Kennedy Town	Kennedy Town Poultry Pier (WIL Construction)	Other	Temporary use for construction	WDRU	MTRC / Civil Engineering and Development Department	HP100			No access	Government	Temporary	until 2014							
Kennedy Town	Kennedy Town Old Cattle Pier (WIL Construction)	Other	Temporary use for construction	WDRU	MTRC / Civil Engineering and Development Department	HP101			No access	Government	Temporary	until 2014							
Kennedy Town	Davis's Street Pier	Passenger Transport	Private pier	Non-WDRU	Government Property Agency	?			No access	Government	Permanent								
Kennedy Town	New Praya, Kennedy Town	Municipal	Road / vehicle parking	Non-WDRU	Highways Department		190	190	?	Government	Permanent								
Kennedy Town	Sitting Out Area adjacent to Kennedy Town (Belcher E	Recreation & Open Space	Promenade / park with amenities	PP	Central & Western District Office / Council		133	133	Public access	Government	Permanent								
Kennedy Town	Western PCWA Landing No. 1	Passenger Transport	Public pier / landing step	WDRU	Civil Engineering and Development Department	HP057			No access	Government	Permanent								
Kennedy Town	MTR West Island Line Barging Point (Western PCWA)	Other	Temporary use for construction	WDRU	MTRC		183	183	No access	Government	Temporary	until 2014							
Kennedy Town	Western District Public Cargo Working Area	Logistics	Cargo handling (public)	WDRU	Marine Department		803	1354	No access	Government	Permanent								
Sai Wan	Western Wholesale Food Market	Logistics	Food supplies wholesale transfer	Non-WDRU	Agriculture, Fisheries and Conservation Department				No access	Government	Permanent								
Sai Wan	Western Wholesale Food Market Pier No.1	Logistics	Food supplies wholesale transfer	Non-WDRU	Agriculture, Fisheries and Conservation Department	HP117			No access	Government	Permanent								
Sai Wan	Western Wholesale Food Market Pier No.2	Logistics	Food supplies wholesale transfer	Non-WDRU	Agriculture, Fisheries and Conservation Department	HP118			No access	Government	Permanent								
Sai Wan	Western Wholesale Food Market Pier No.3	Logistics	Food supplies wholesale transfer	Non-WDRU	Agriculture, Fisheries and Conservation Department	HP119	491	880	No access	Government	Permanent								
Sai Wan	Western Wholesale Food Market Pier No.4	Logistics	Food supplies wholesale transfer	Non-WDRU	Agriculture, Fisheries and Conservation Department	HP120			No access	Government	Permanent								
Sai Wan	Western Wholesale Food Market Pier No.5	Logistics	Food supplies wholesale transfer	Non-WDRU	Agriculture, Fisheries and Conservation Department	HP121			No access	Government	Permanent								
Sai Ying Pun	Works Area for Harbour Area Treatment Scheme and	Other	Temporary use for construction	WDRU	Drainage Services Department / Water Supplies Department		171	171	No access	Government	Temporary	?							
Sai Ying Pun	Temporary Open-space Car Park (Eastern Street North	Municipal	Road / vehicle parking	Non-WDRU			256	256	?	Government	Temporary	?							
Sai Ying Pun	Sun Yat Sen Memorial Park and Swimming Pool Comple	Recreation & Open Space	Promenade / park with amenities	PP	Leisure and Cultural Services Department		401	401	Public access	Government	Permanent								
Sai Ying Pun	Sheung Wan Landing No. 2	Passenger Transport	Public pier / landing step	WDRU	Civil Engineering and Development Department	HP142			?	Government	Permanent								
Sai Ying Pun	Western Water Selling Kiosk	Municipal	Water selling kiosk	Non-WDRU	Water Supplies Department		25	25	Public access	Government	Permanent								
Sai Ying Pun	Promenade in front of Western Fire Services Street &	Recreation & Open Space	Foot / cycle path	Non-WDRU	Central & Western District Office / Council		176	176	Public access	Government	Permanent								
Sai Ying Pun	Sheung Wan Landing No. 1	Passenger Transport	Public pier / landing step	WDRU	Civil Engineering and Development Department	HP076			Public access	Government	Permanent								
Sai Ying Pun	Sheung Wan Landing No. 2	Passenger Transport	Public pier / landing step	WDRU	Civil Engineering and Development Department	HP077			Public access	Government	Permanent								
Sai Ying Pun	Sheung Wan Landing No. 3	Passenger Transport	Public pier / landing step	WDRU	Civil Engineering and Development Department	HP078			Public access	Government	Permanent								
Sai Ying Pun	Sheung Wan Landing No. 4	Passenger Transport	Public pier / landing step	WDRU	Civil Engineering and Development Department	HP079			Public access	Government	Permanent								
Sheung Wan	Hong Kong-Macau Ferry Terminal / Shun Tak Centre	Passenger Transport	PRD ferry pier	WDRU	Marine Department / Shun Tak Holdings Limited	Pier; HP111	238	1244	?	Private	Permanent								
Central	Pedestrian Walkway in front of Rumsay Street	Recreation & Open Space	Foot / cycle path	Non-WDRU	Highways Department		86	86	Public access	Government	Permanent								
Central	Sheung Wan Landing No. 4 (Lamma Island)	Passenger Transport	Outer-islands ferry pier	WDRU	Hong Kong and Kowloon Ferry	HP135	27	174	?	Government	Permanent								
Central	Promenade (between Pier No. 4 and Pier No. 5)	Recreation & Open Space	Promenade / park with amenities	PP	Leisure and Cultural Services Department		75	75	Public access	Government	Permanent								
Central	Promenade (between Pier No. 4 and Pier No. 5)	Recreation & Open Space	Promenade / park with amenities	PP	Leisure and Cultural Services Department		75	75	Public access	Government	Permanent								
Central	Promenade (between Pier No. 3 and Pier No. 4)	Recreation & Open Space	Promenade / park with amenities	PP	Leisure and Cultural Services Department		76	76	Public access	Government	Permanent								
Central	Central Pier No. 4 (Lamma Island)	Passenger Transport	Outer-islands ferry pier	WDRU	Hong Kong and Kowloon Ferry	HP135	27	174	?	Government	Permanent								
Central	Promenade (between Pier No. 4 and Pier No. 5)	Recreation & Open Space	Promenade / park with amenities	PP	Leisure and Cultural Services Department		75	75	Public access	Government	Permanent								
Central	Central Pier No. 5 (Cheung Chau)	Passenger Transport	Outer-islands ferry pier	WDRU	New World First Ferry	HP123	25	167	?	Government	Permanent								

This screenshot shows part of the Excel database that can be filtered and sorted to interrogate the extent of different assets and uses around Victoria Harbour.

Summary Tables

162 fx =F10+F24

Distribution of Frontage along Victoria Harbour in Year 2015			
			Length (m)
East	Sheltered Water	WDRU Port	0
		WDRU Logistics/Industrial/Commercial	1112
		WDRU Others	1077
		Non-WDRU Logistics/Industrial/Commercial	0
		Non-WDRU Promenades	6968
	Non-WDRU Natural Coast	65	
	Non-WDRU Others	2860	
	Open Water	WDRU Port	54
		WDRU Logistics/Industrial/Commercial	1353
		WDRU Others	2654
Non-WDRU Logistics/Industrial/Commercial		1250	
Non-WDRU Promenades		10565	
Non-WDRU Natural Coast	1790		
Non-WDRU Others	4245		
West	Sheltered Water	WDRU Port	0
		WDRU Logistics/Industrial/Commercial	2515
		WDRU Others	319
		Non-WDRU Logistics/Industrial/Commercial	0
		Non-WDRU Promenades	591
	Non-WDRU Natural Coast	0	
	Non-WDRU Others	333	
	Open Water	WDRU Port	10590
		WDRU Logistics/Industrial/Commercial	3565
		WDRU Others	7276
Non-WDRU Logistics/Industrial/Commercial		1114	
Non-WDRU Promenades		9046	
Non-WDRU Natural Coast	2062		
Non-WDRU Others	4847		
Total			76251

Water Type	Length (m)
East - Sheltered Water	12082
East - Open Water	21911
West - Sheltered Water	3758
West - Open Water	38500
Total	76251

Location	Length (m)
East	33993
West	42258
Total	76251

Whole Harbour	
Water Uses	Length (m)
WDRU - Port	10644
WDRU - Logistics/Industrial/Commercial	8545
WDRU - Others	11326
Non-WDRU - Logistics/Industrial/Commercial	2364
Non-WDRU - Promenades	27170
Non-WDRU - Natural Coast	3917
Non-WDRU - Others	12285
Total	76251

West	
Water Uses	Length (m)
WDRU - Port	10590
WDRU - Logistics/Industrial/Commercial	6080
WDRU - Others	7595
Non-WDRU - Logistics/Industrial/Commercial	1114
Non-WDRU - Promenades	9637
Non-WDRU - Natural Coast	2062
Non-WDRU - Others	5180
Total	42258

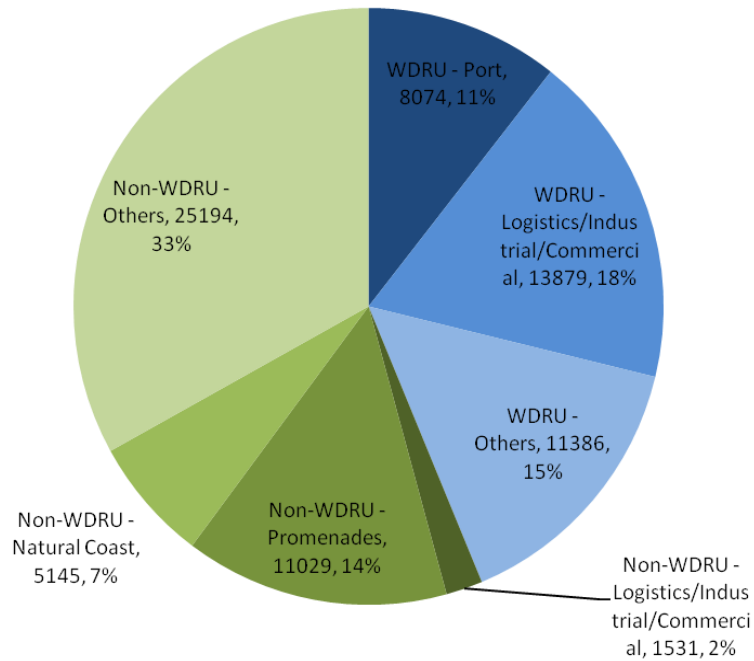
East	
Water Uses	Length (m)
WDRU - Port	54
WDRU - Logistics/Industrial/Commercial	2465
WDRU - Others	3731
Non-WDRU - Logistics/Industrial/Commercial	1250
Non-WDRU - Promenades	17533
Non-WDRU - Natural Coast	1855
Non-WDRU - Others	7105
Total	33993

Water Areas	
Water Areas	Length (m)
Open Water	60411
Former Wanchai Public Cargo Working Area	241
Causeway Bay Typhoon Shelter	1387
Shau Kei Wan Typhoon Shelter	1164
Chai Wan Public Cargo Working Area	1271
Rambler Channel Public Cargo Working Area	1497
New Yau Ma Tei Typhoon Shelter	2261
To Kwa Wan Typhoon Shelter	1567
Kwun Tong Typhoon Shelter	5822
San Ka Tsuen Typhoon Shelter	630
Total	76251

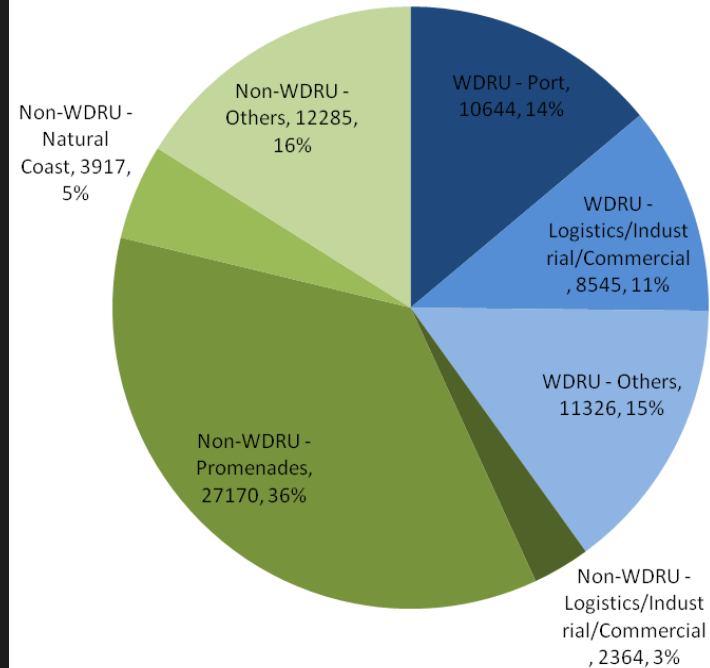
Linked tables have been produced from the Excel database to compare the extent of water-dependent and non-water-dependent uses in different subdivisions of the harbour.

Charts

Frontage Uses in Victoria Harbour
(Year 2000)



Frontage Uses in Victoria Harbour
(Year 2015)



Graphical charts such as these can readily be produced to compare the 2009 baseline situation for any aspect of harbour usage with a historic or planned distribution.

Water Use Related to Predominant Land Use

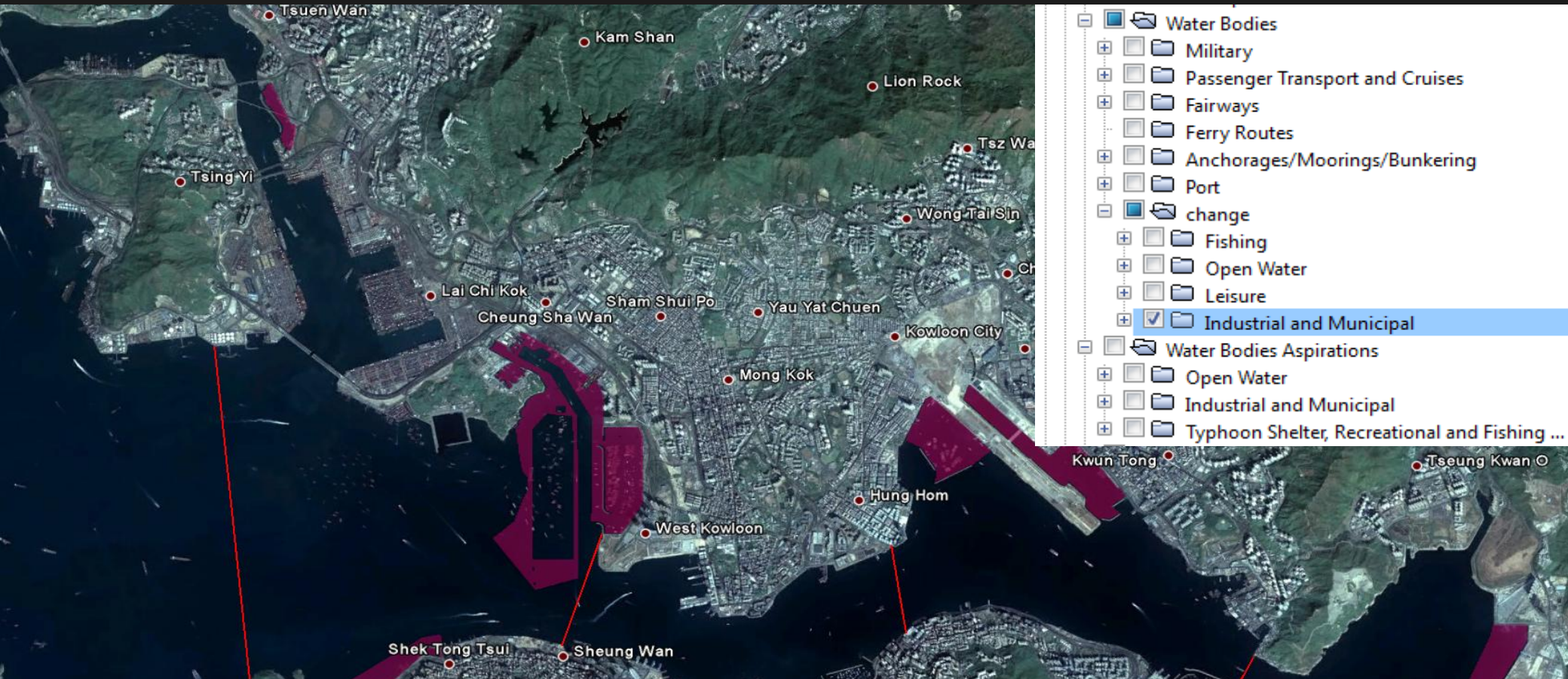
These combinations of layers from the GIS show the predominant use of the water bodies in relation to the adjacent predominant land use and the use at the interface.

IV. Abstract of the Working Harbour

Abstract of the Working Harbour

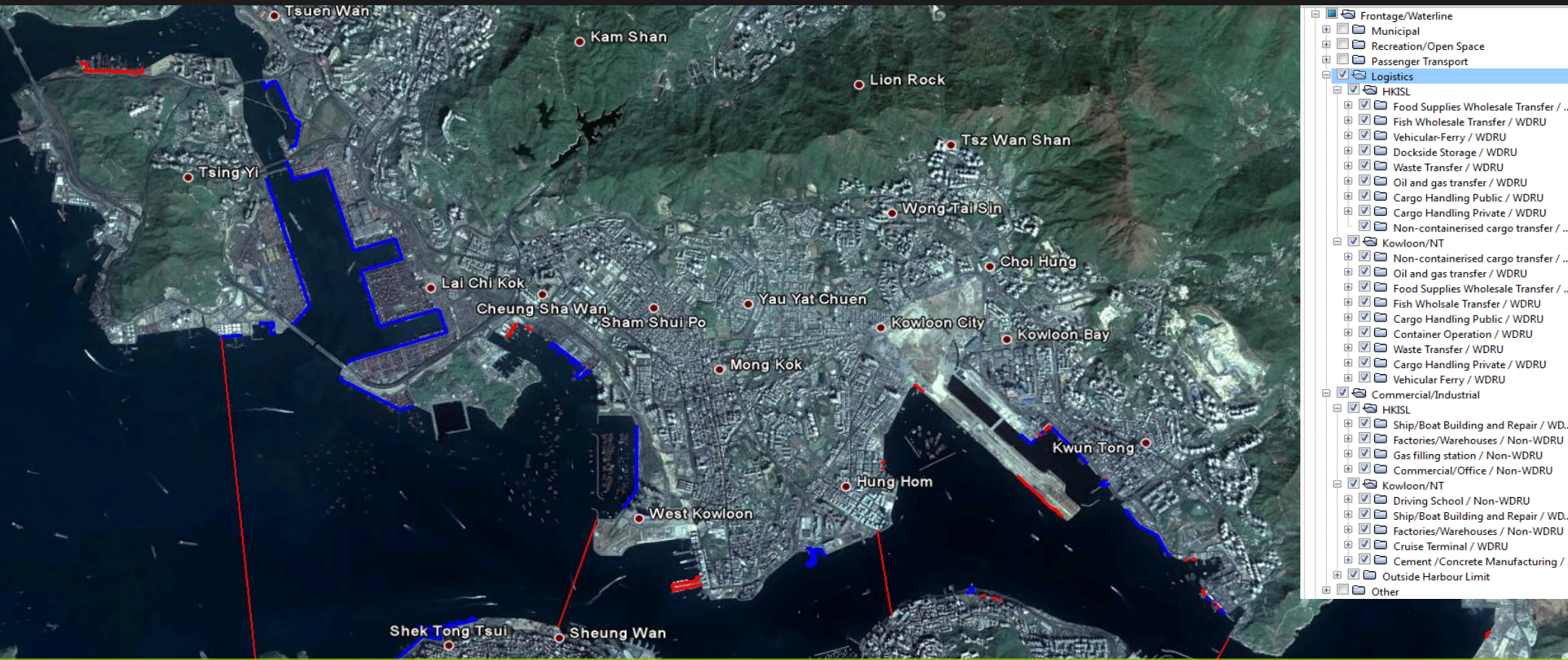
The following section of the presentation shows how the GIS can be interrogated to understand the working functionality of the harbour.

Industrial and Municipal Water Bodies



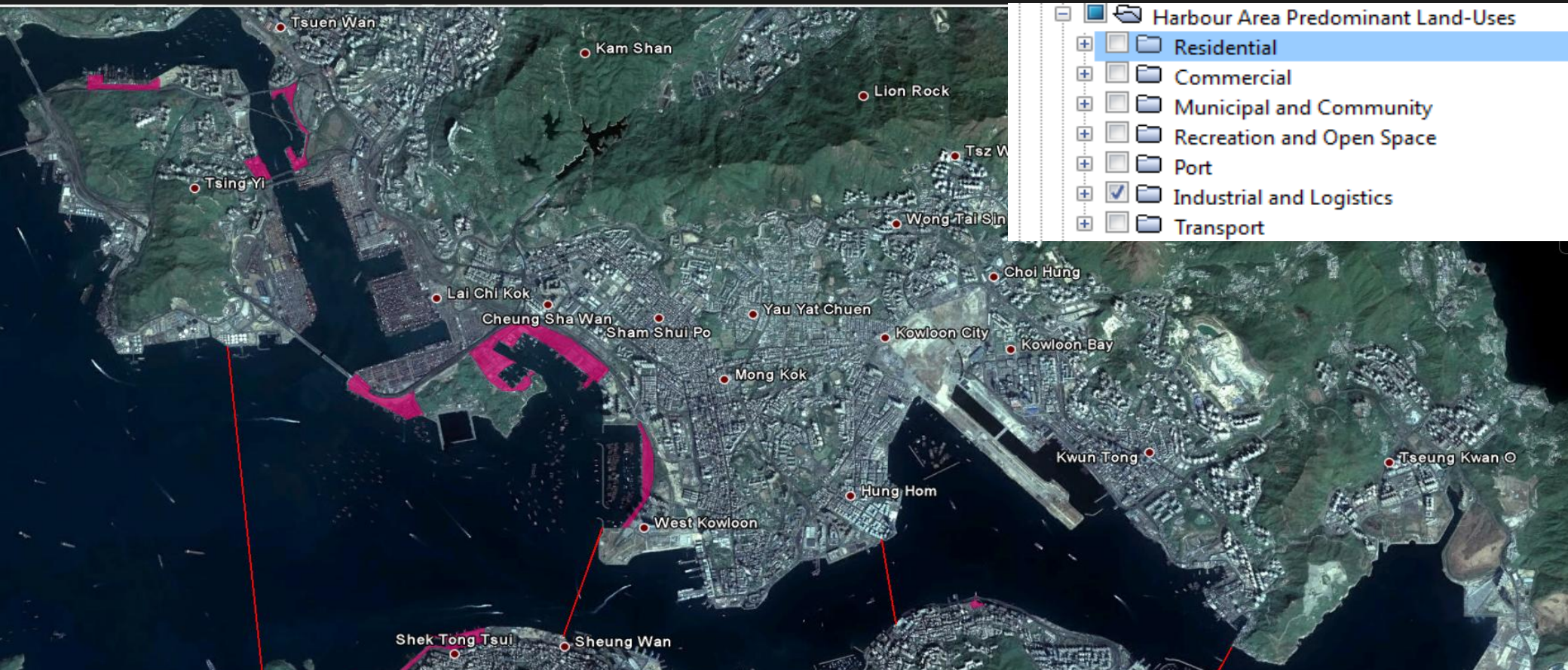
This shows the layer of working uses of the water bodies of the harbour as at the 2009 baseline.

Commercial/Industrial and Logistic Frontage Uses



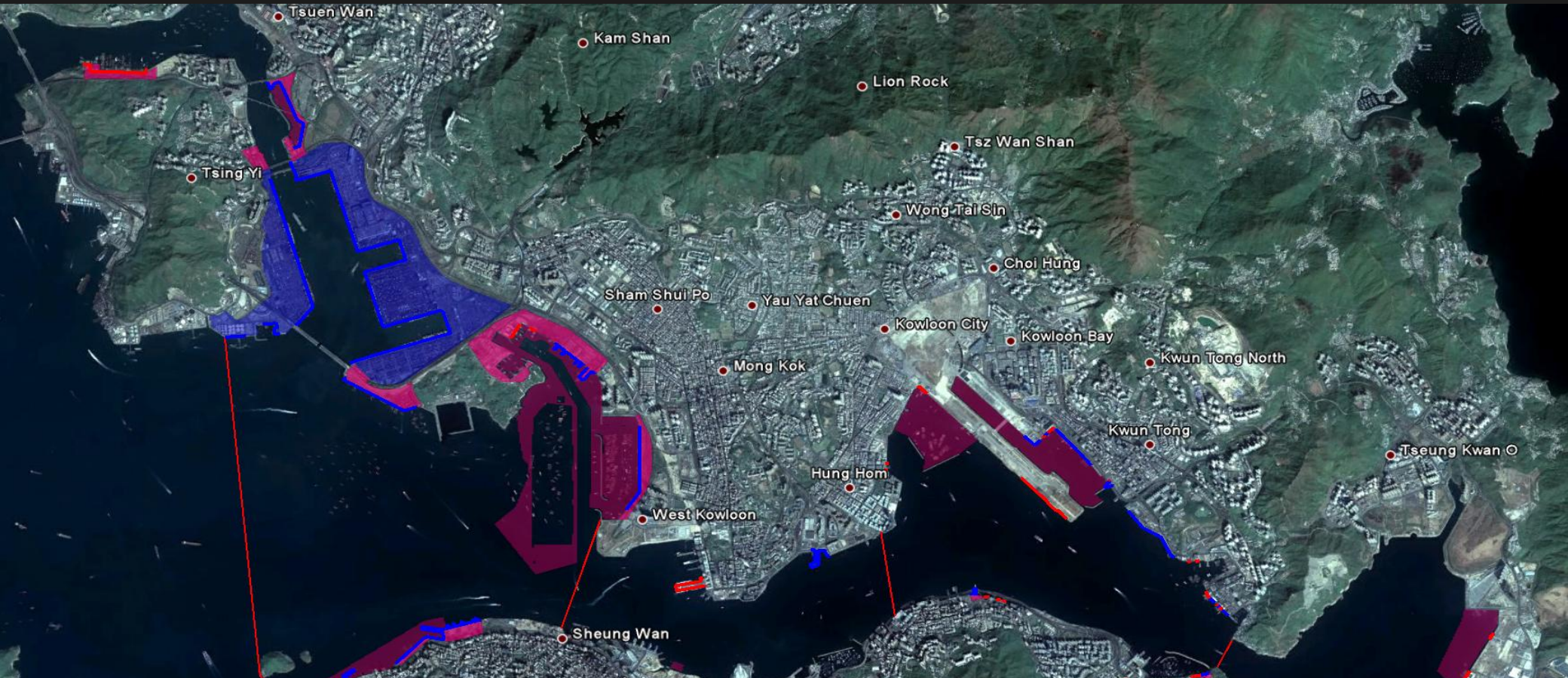
This layer shows where the logistics and industrial uses of the interface are currently distributed.

Industrial and Logistic Predominant Land Uses



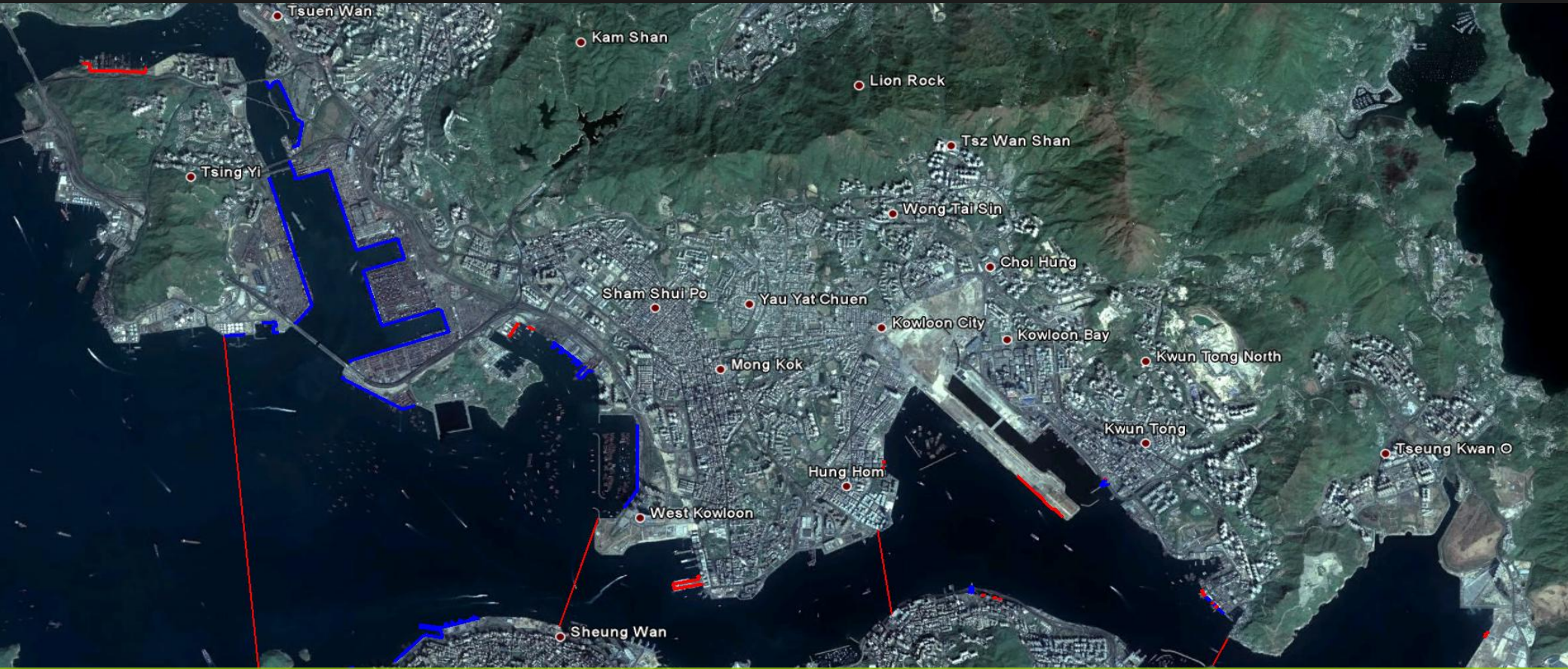
This layer shows where the logistics and industrial uses of the harbour hinterland are currently distributed.

Current Situation of the Working Harbour



This composite of layers shows the frontage, hinterland and predominant existing water use in relation to each other.

Loss of Working Harbour Interface on the Eastern Harbour



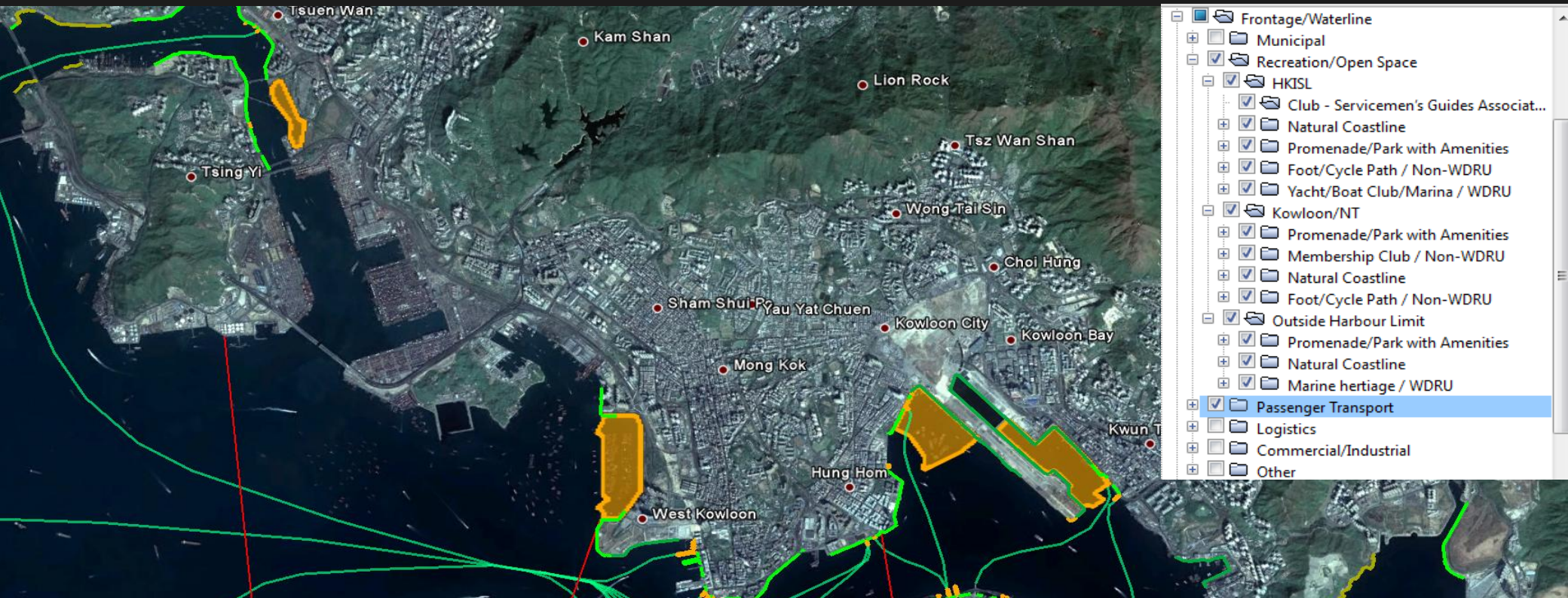
This shows logistics and industrial cargo handling frontage removed from the Eastern Harbour under current Government proposals.

V. Abstract of the Recreational Use of the Harbour

Abstract of the Recreational Use of the Harbour

The following section of the presentation shows how the GIS can be interrogated to understand the recreational functionality of the harbour.

Recreational/Open Space Use Of the Harbourfront



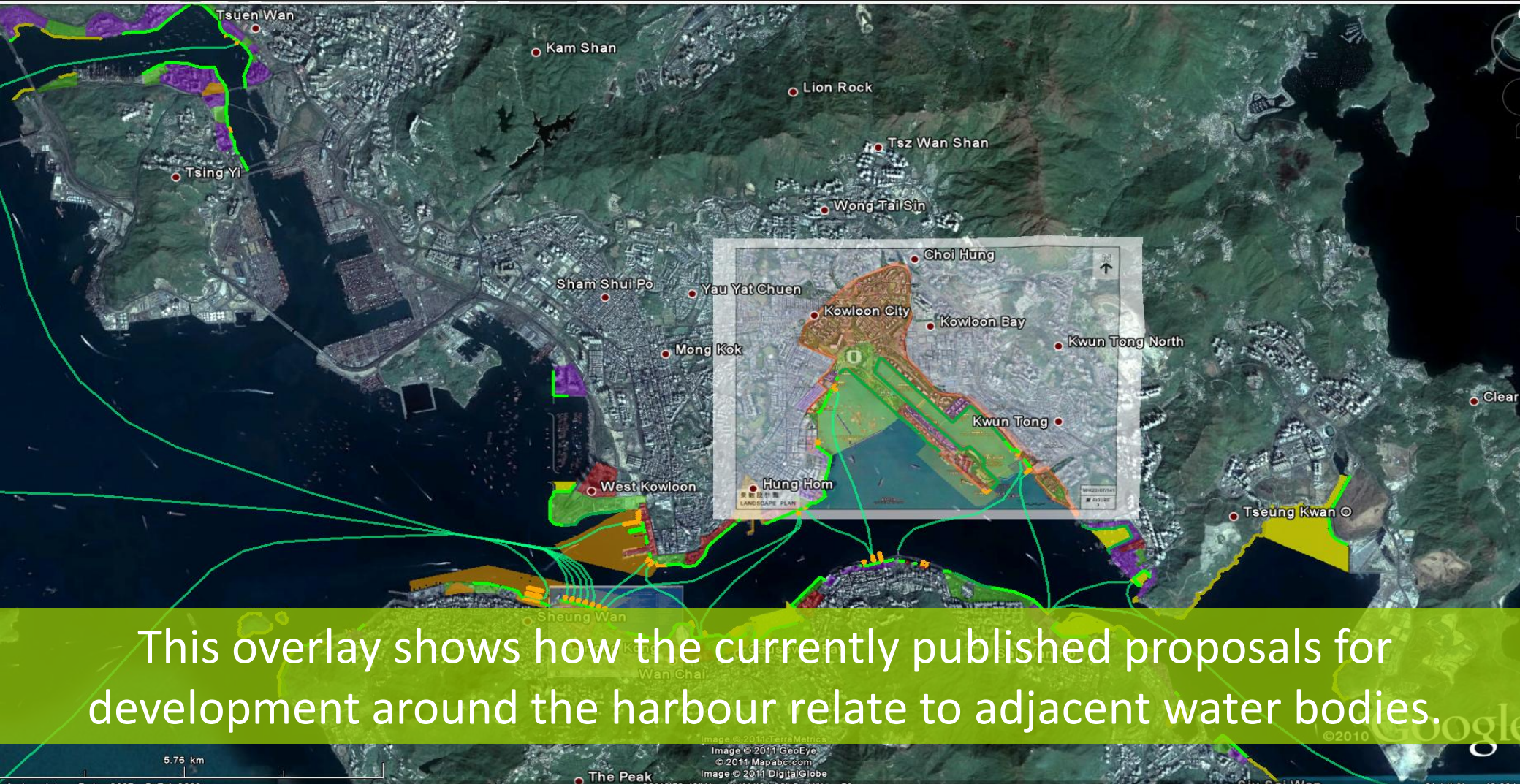
This set of layers shows all the recreational space (in green) around the harbour in relation to sheltered water and passenger transport infrastructure.

Recreational and Residential Hinterland



This set of layers shows the planned and committed allocation of land for recreation, open space and residential use around the Harbour.

Additional Information And Plans



This overlay shows how the currently published proposals for development around the harbour relate to adjacent water bodies.

End

The Harbour Business Forum hopes that this presentation will have stimulated you to investigate the database and Geographic Information System for yourself to gain a detailed understanding of what is in, on and around Victoria Harbour.

Please feel free to download the two Database files. Having installed and opened the Google Earth software (which is free to all), the Google Earth Victoria Harbour plug-in data file simply has to be dragged into the "My Places" side-bar of the Google Earth application to be ready for use.