

InfoMap v1.9 User Guide



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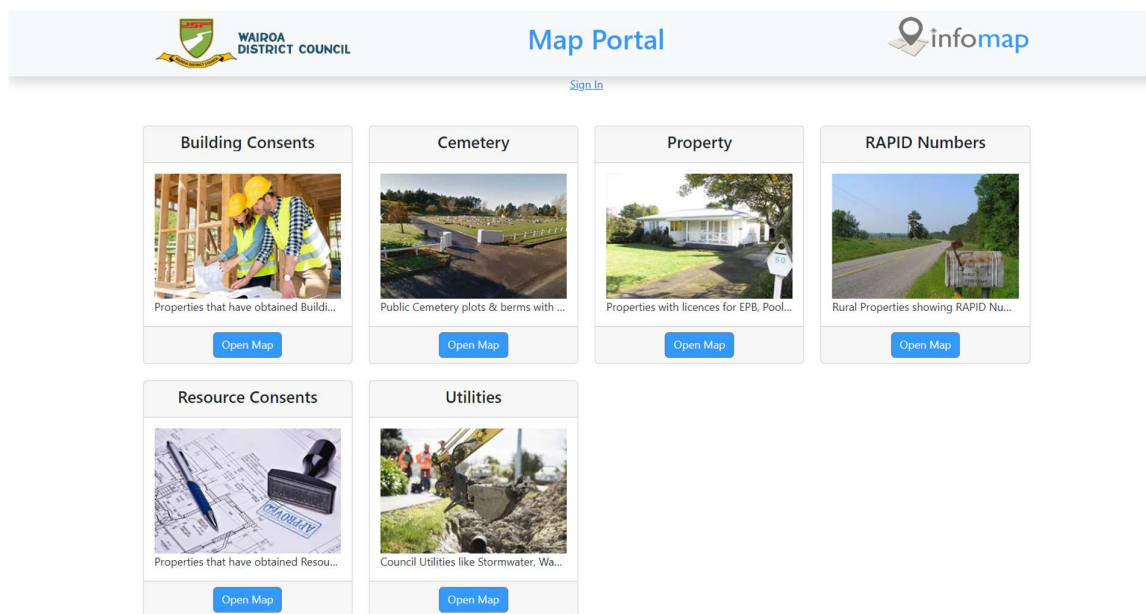
Introduction

InfoMap is a Web Map Viewer created by [emtel](#). InfoMap harnesses the power of QGIS Server to render multiple layers into one single Web Map Viewer.


This User Guide will assist you in learning the basic functions of InfoMap.

Map Portal

The Map Portal is the starting point which lists all the available maps when signed out, and maps assigned to you when signed in.



Toolbar

The main tool bar opens as the “Home” icon  in the top left of the map. You can open the tools by clicking on the “Home” icon. You can also hold the SHIFT key and click on the “Home” icon to shift the menu to the left side of the map.

















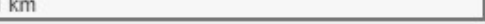
Main Toolbar



Measure/Draw Toolbar



Toolbar Tools

Tool	Function
 Initial View	Hides / Shows menu. SHIFT + Click on Home icon moves the menu from top to left-side.
 Print	Print Map - Print Templates, Save Image, and Change Scale
 Layers	Layer Control - Turn layers on/off, Filter Layers, Toggle Basemaps, Layer Settings, Layer Styles
 Legend	Legend – View the spatial items and their symbology in the map
 Bookmarks	Bookmarks – predefined locations that you can navigate to
 Swap Map	Swap Map - Toggle between maps
 Full Screen	Show InfoMap in a full window/screen
 Settings	Configure Map Settings
 Rectangle Polygon Circle Line Point	Select Features <ul style="list-style-type: none"> - Use different Select methods shown below Select by Rectangle Select by Polygon Select by Circle Select by Line Select by Point
 Add Remove	Add to Selection Remove from Selection
 Queryable	Choose fields to select
 Clear Selection	Clear Selection
 Rectangle Polygon Circle Line Text Clear	Drawing & Measuring Tools
	Zoom In and Zoom Out
	Navigate Previous/Next
	Location Map <ul style="list-style-type: none"> - Interactive move Location Map to move main map
	Auto Scale

Navigating Around

Like any modern Web GIS Application you can use your Mouse, Keyboard, or Map Navigation Icons to navigate around your map.

Mouse

When InfoMap opens you immediately have the ability to Pan/Move the map in all directions. You can also use the Wheel on your mouse to zoom in/out.

Keyboard

You can use the Arrow Keys to Pan/Move the map around. The “+” and “-” keys will zoom in/out.

Search

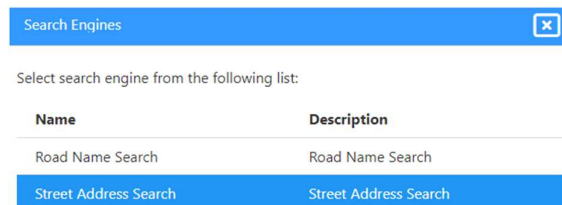
A standard feature is the Address, Road Name, and Suburb search at the top-right of the map window. This search is based on LINZ spatial data.

As you type in an address, road name, or suburb you will be prompted to choose an item to search.



Change Search

You can change the search by clicking on the “Cog” next to the search button. This will pop up a window showing available searches. Select a different search and then use the search tool to search for map features in that search.



Configuring Searches

Your administrator can configure searches that can find information from the layers in each map. For example, park name, cemetery plot id, etc.

Selecting Features on the Map

To select features on the map use the “**Select Features**” tool  on the main toolbar.

Instructions – Select by Rectangle

1. Click on the Select Features tool and choose “**Select by Rectangle**”.

2. Click and hold the left mouse button on the map, then drag a rectangle. Any objects that intersect that rectangle will be selected.

Instructions –Select by Point

1. Click on the Select Features tool and choose **“Select by Point”**.
2. Click on a point on the map. Any objects that intersect that point will be selected.

Instructions –Select by Circle

1. Click on the Select Features tool and choose **“Select by Circle”**.
2. Click and hold the left mouse button on the map, then drag a circle. Any objects that intersect that circle will be selected.

Instructions –Select by Polygon

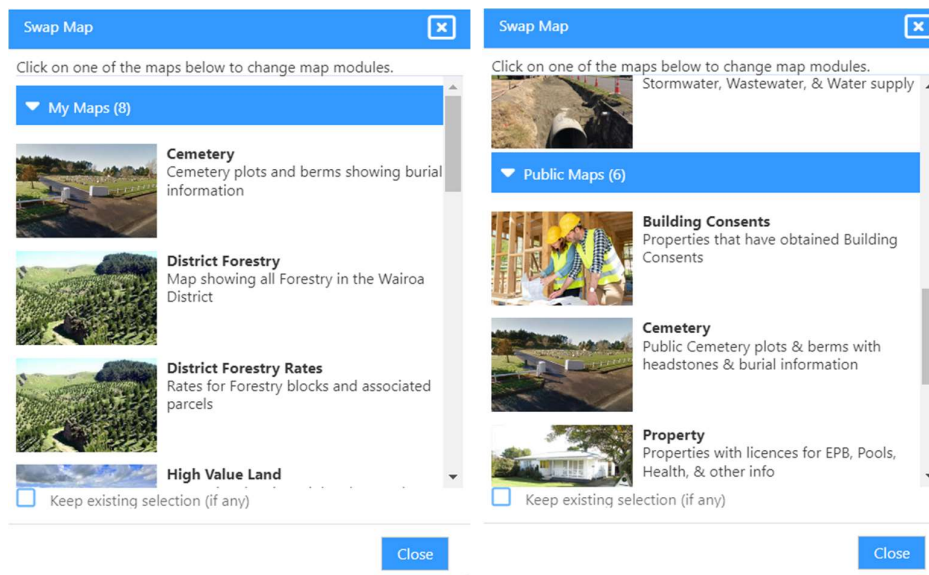
1. Click on the Select Features tool and choose **“Select by Polygon”**.
2. Click a starting point on the map. Next click more points on the map so draw an area around some features. To close the area click back on the first clicked point. Any objects that intersect that circle will be selected.

Instructions –Add/Remove from Selection

1. To add a feature to your existing selection click on the Select Features tool and choose **“Add to Selection”**.
2. Use the same method to select more features. The result will be added to your existing selection.
3. To remove a feature from your existing selection click on the Select Features tool and choose **“Remove from Selection”**.
4. Select features that you want to remove.

Swap Map

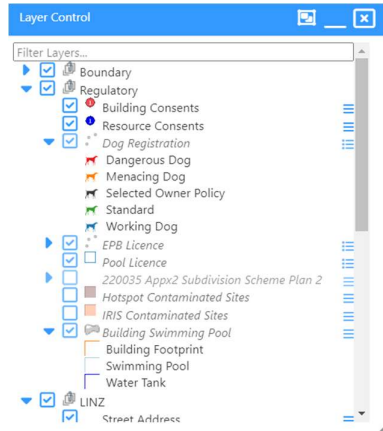
Toggle between different maps and stay in the same location.



Layer Control and Options

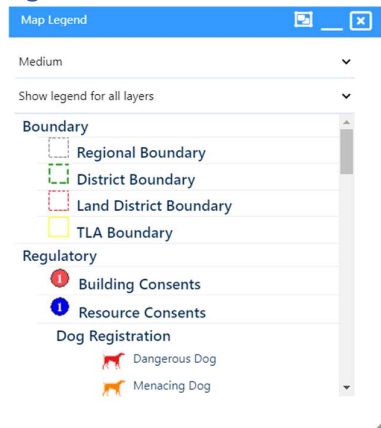
The Layer Control has 5 functions to it: Manage layers e.g. turn layer on/off, Show the Legend, Manage Annotation drawing, Change BaseMap, and Add new layers (not working).

Layers



1. Turn layers on/off
2. Toggle Basemap on/off
3. Filter by Layer Name
4. Expand layers
5. Layer Settings
6. Layer Styles
7. Dock Layer Control
8. Minimise
9. Close Window

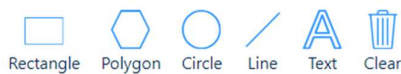
Legend



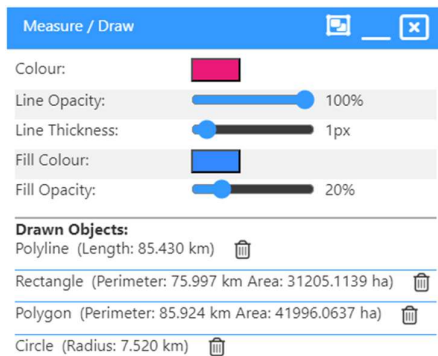
Functions

1. View Legend
2. Change the size of the icons in the legend
3. Show only visible layers

Annotation/Measure



Rectangle Polygon Circle Line Text Clear

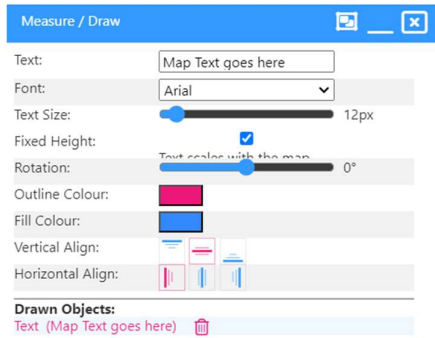


Functions

1. Draw points, lines, circles, rectangles, polygons, and Text.
2. Style all above features.
3. Delete all/some annotation

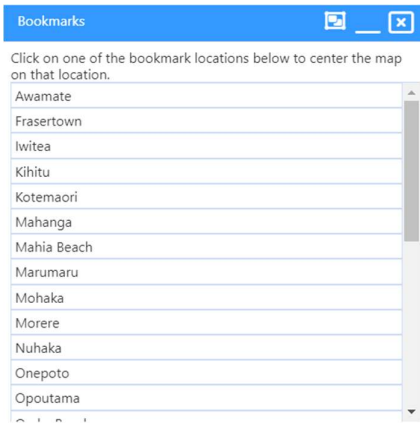
Future Developments

1. Save Annotation
2. Share Annotation



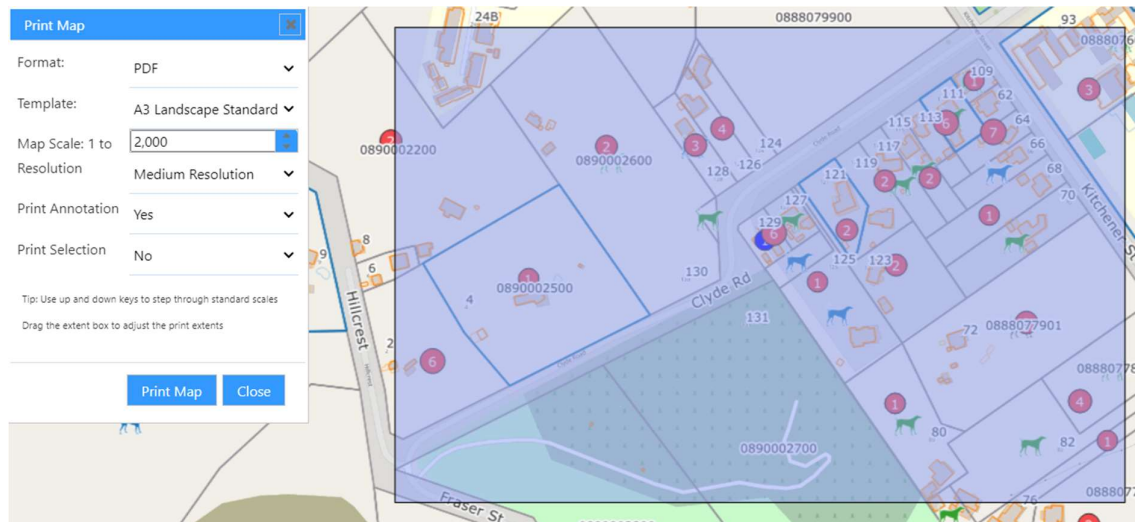
Navigation Bookmarks

Navigation Bookmarks help users move around your map e.g. Towns within a District. These are configured in the InfoMap CMS.





Print Map

The Print Map function also exports a map as an image. You can choose a template, change its scale and resolution, and add a title to the map. Map Templates are now built in QGIS.

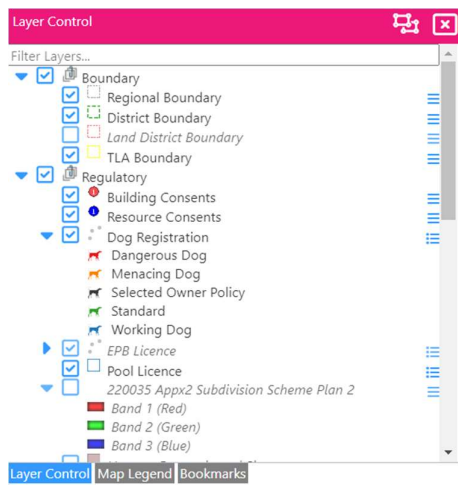




Docking Windows

Most windows that pop up in InfoMap can be docked to the left side of the screen. The icon to dock or undock a window is  to dock and  to undock.

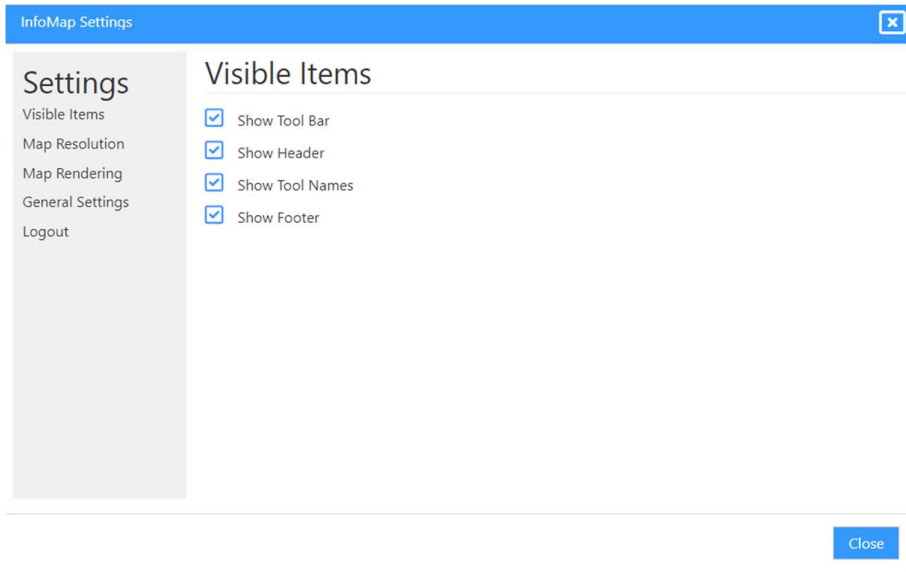
You can dock more than one window to the left side of the screen and toggle between them by clicking the window title at the bottom left.



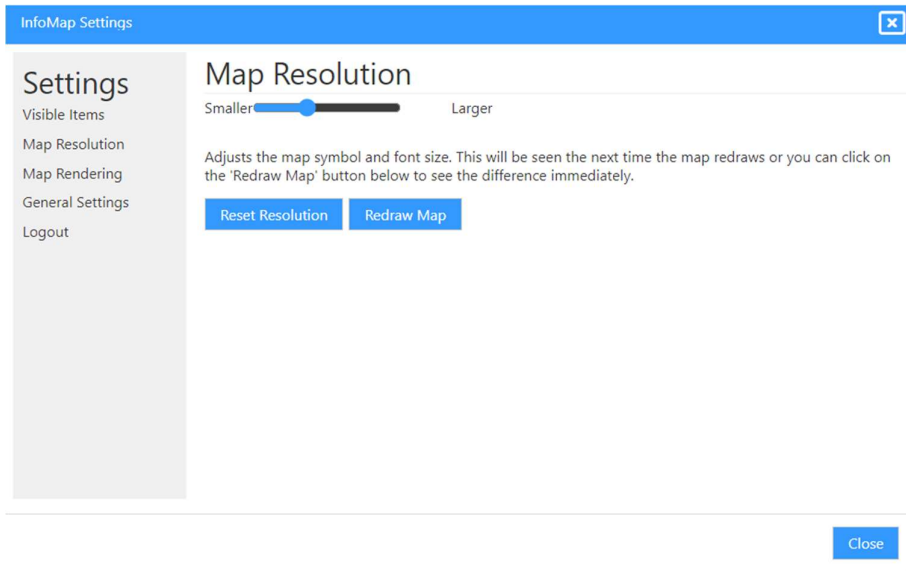
InfoMap Settings

InfoMap has some user settings that will save in the users web browser cache.

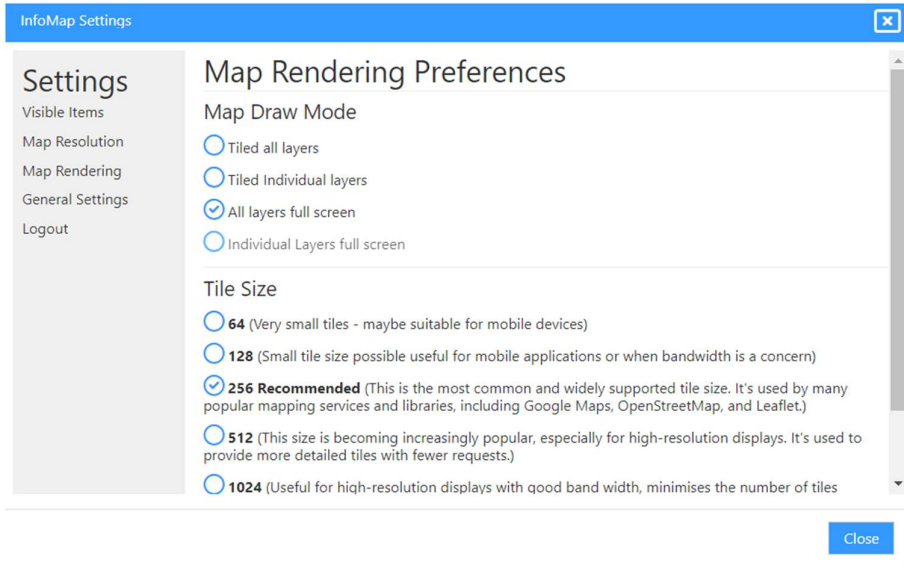
Visible Items lets you turn parts of the InfoMap application on of off.



Map resolution makes the symbols and text on the map larger or smaller.



Map rendering allows you to various display and redraw options.



General settings is for using your location and changing selection and highlight styles.

