

WEBGIS MANUAL

**USER MANUAL FOR WEB-BASED GEOGRAPHICAL INFORMATION SYSTEM
(WebGIS)**

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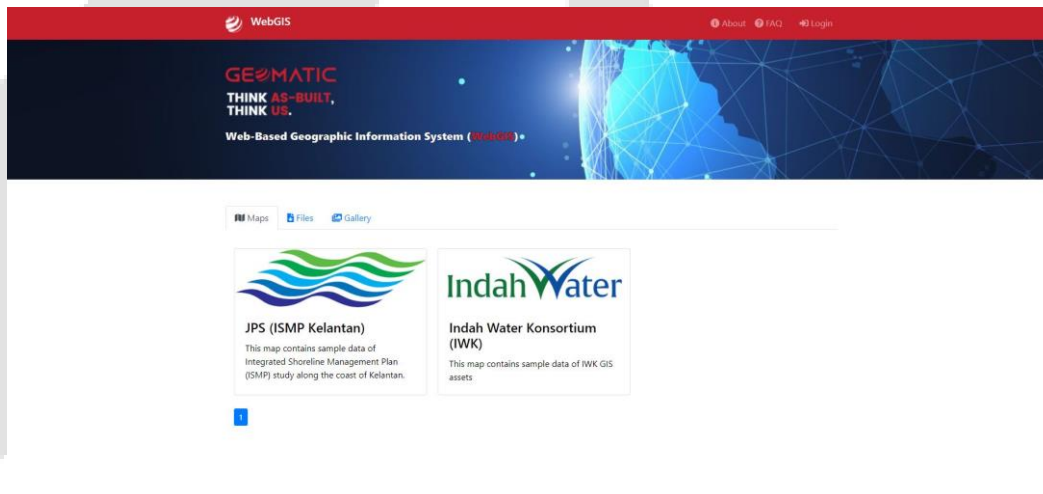
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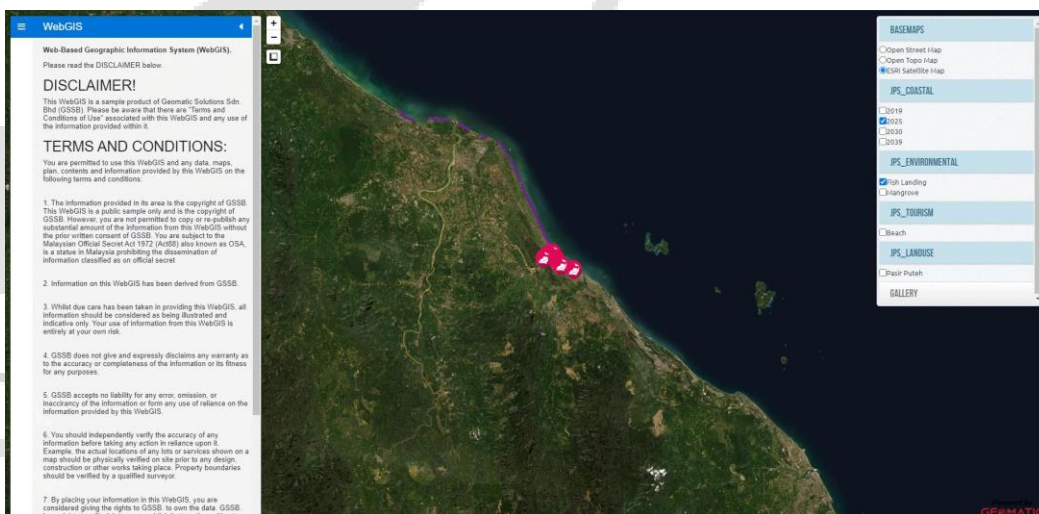
INTRODUCTION TO WEB-BASED GEOGRAPHIC INFORMATION SYSTEM (WEBGIS)

WebGIS is an open-source web-based geographic information system owned by Geomatic Solutions Sdn. Bhd. (GSSB) which only require a stable internet service to operate. This system contains example of Spatial data by various clients based on Geographic Information System (GIS). This system is an example of GSSB product in producing an Open-Source web-based system that are used to handle spatial and non-spatial data.

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WEB MAP



SYSTEM FUNCTIONS


a. Sidebar Button

Scenario: User wants to read the DISCLAIMER when using the WebGIS.

1. Click the  button on the top left of WebGIS sidebar.


b. Home Button

Scenario: User wants to navigate back to main page when on Web Map

1. Click the  button on the bottom left of the WebGIS sidebar.

c. Zoom


Scenario: User wants to zoom in and out on the map.

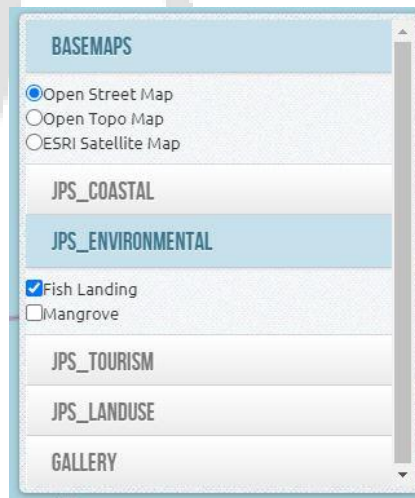
1. Click the  button to zoom in and out on the map.
2. Click the '+' button to zoom in.
3. Click the '-' button to zoom out.
4. If user use scrollable mouse, just scroll up and down to zoom on the map.

d. Selecting Basemap

Scenario: User wants to display available layers on the web map.



1. Hover to  button on the top right of the WebGIS Web Map.
2. On “BASEMAPS” category, tick on one of the available basemap to change the layout of the web map.

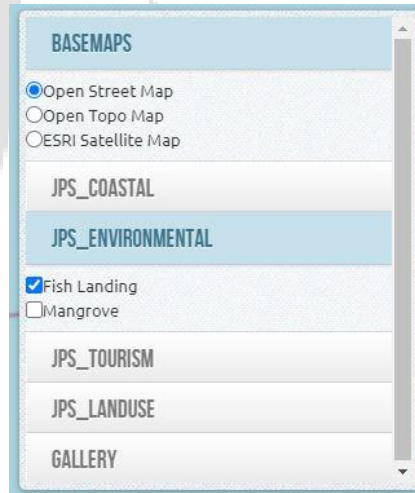


e. Display Layers

Scenario: User wants to display available layers on the web map.



1. Hover to button on the top right of the WebGIS Web Map.
2. A list of available categories will be shown as per image below.

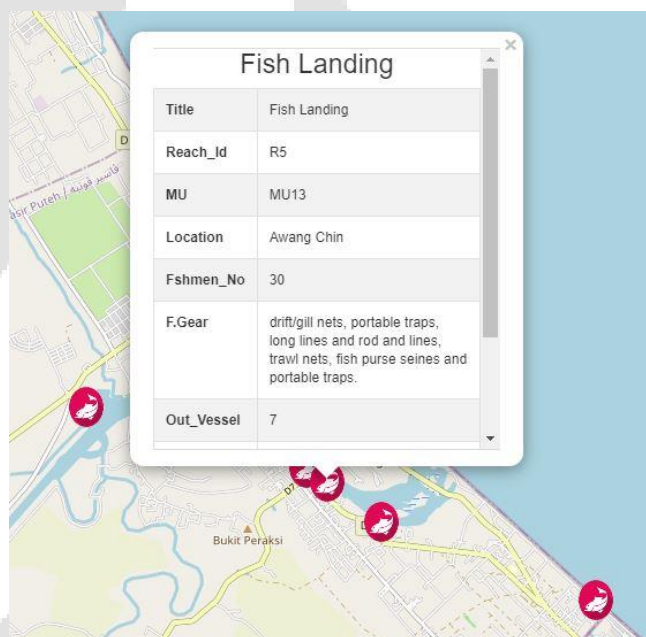


3. Click on the desired category to expand it.
4. All available layers of the expanded category will be shown.
5. Tick on the desired layers to display all the features of the layer on the web map.
6. Tick it back off to remove the layers from the web map.

f. Display Attribute Table


Scenario: User wants to view details information of the layer features.

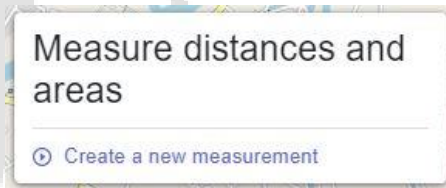
1. All available features will be displayed on the web map when user toggle the layer on.
2. Navigate to the desired feature and click on it.
3. A pop-up box containing all the detailed information of the feature will be displayed as per image below.



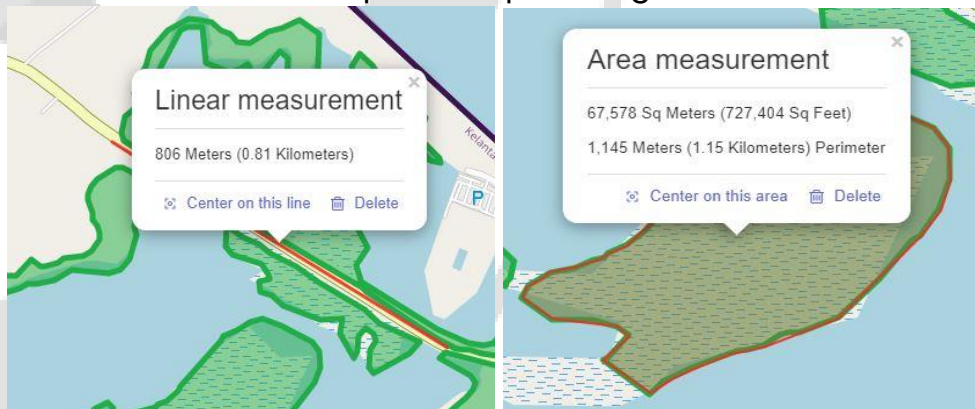
g. Measure Distance & Area

Scenario: User wants to measure distance or area on the web map.

1. Hover to  button below the zoom button on top right of the web map.
2. Click "Create a new measurement" on the box.



3. To measure distance, click only 2 points which is the starting point and ending point of the desired location.
4. To measure area, click and follow the desired shape of the feature.
5. Then, click "finish measurement" to display the output of the measurement.
6. The measurement output is as per image.



7. Click "Delete" to remove the measurement from the web map.

h. Coordinate & Scale

Scenario: User wants to know the coordinate and scale on web map.

1. The coordinate function displays geographic coordinates of the mouse pointer, as it is moved about the map.
2. User can view the coordinate on bottom right of the web map.



6.10922 : 102.05065

3. The scale function represents the ratio of a distance on the map to the actual distance on the ground. The scale changes as user zoom in and out of the map.
4. User can view the scale on bottom left of the web map.



3 km

2 mi



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