

Greenprints phase 2 Guide

Greenprints

Click [here](#) if you'd like to add information about your Bioregion.

Bioregion: Cape York Peninsula

Sub-bioregion: Weipa Plateau

Weipa test

Nature conservation

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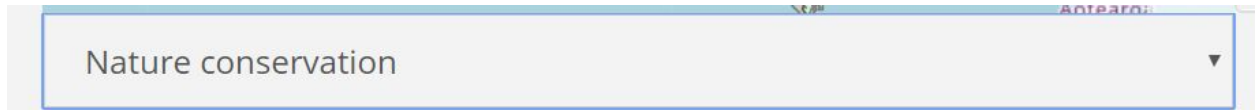
Map introduction




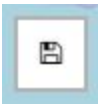
This map is a continuation of a previous capstone project called Greenprints, As this is the second phase of the project only details relating to work produced in this phase will be included in this document.

The map is currently available online using the link: <https://www.greenprints.org.au/map-app/>

Controls

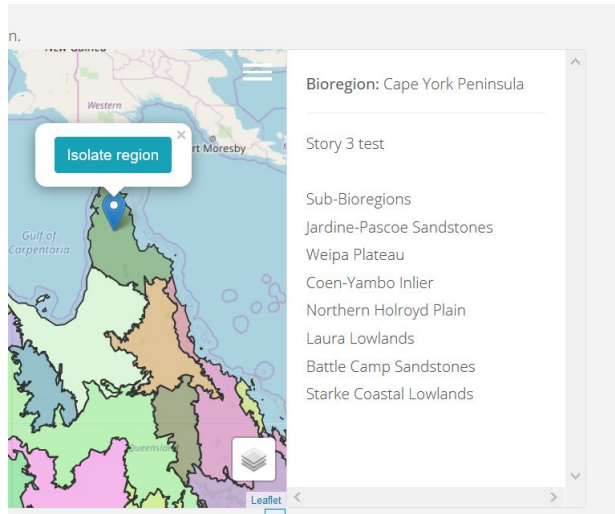
- A drop down can be used to select what type of feature you want to draw.



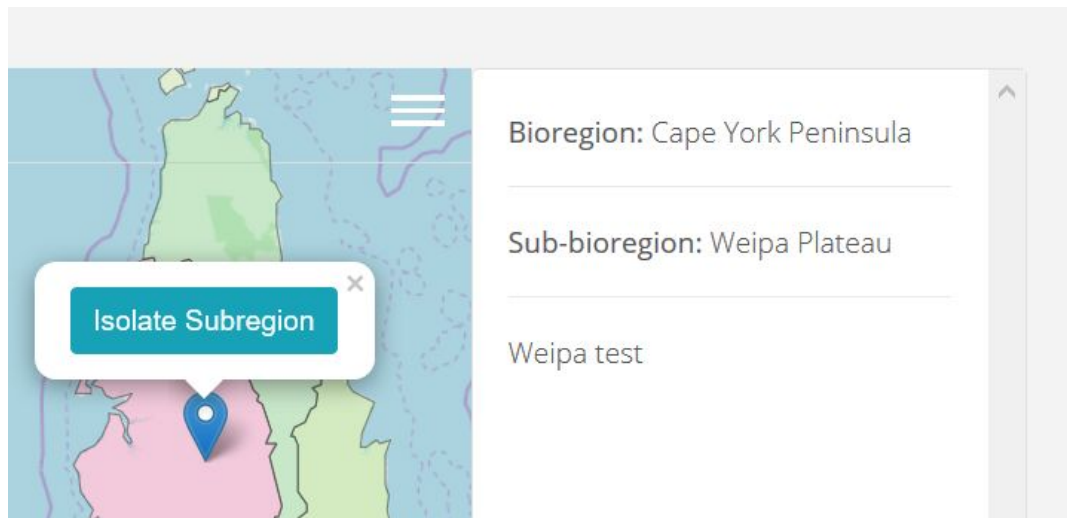
-  **Draw Polygon:** Clicking this option in the drawing toolbar allows you to create a new layer from your selected drawing feature on the map. To draw on the map simply click where you want the vertices of your shape to be.
-  **Edit layers:** Clicking on this will allow each drawn layer to change shape. Click and drag the points on the drawn layer to modify the shape of the drawn layer.
-  **Delete Layers:** The delete layers button allow you to delete any/all the drawn layers at any time.
-  **Save button:** When clicked on the save button exports and downloads the coordinates of the drawn layers to a json format.

Bioregion/Sub-Bioregion Update

When the map loads it shows all the defined bioregions and when a bioregion is clicked on the isolate button appears and the info box is updated with information about the selected bioregion. This feature was updated to allow the separation of bioregion information and sub-bioregion information.



When zooming in sub-bioregions are automatically shown and now when a sub-bioregion is clicked on the info box displays information specific to that subregion



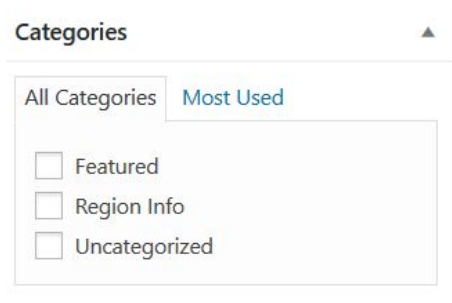
Adding new subregion information

Admins can edit/add the information that appears in the info box by logging into the wordpress dashboard for the web page and hovering over the post button and then clicking add new post.

To add new information about subregion the title must be the name of the subregion.

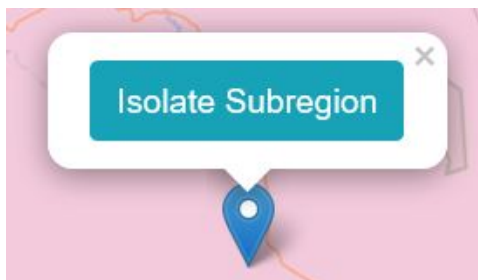


Any information can be put in the text box but the region info category must be selected.



Isolation tool

When a bioregion/sub-bioregion is clicked on an isolate button appears over the marker of the clicked region.

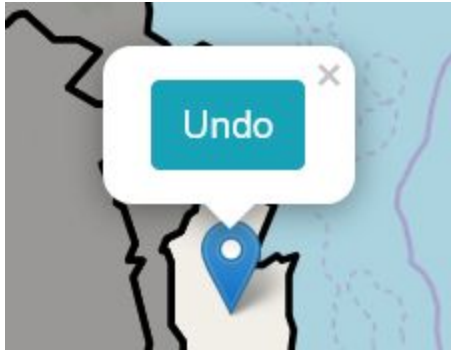


When the isolate button is clicked the layers on the map change to allow a greater focus on the isolated area.



The greyed out regions have similar functionality as normal feature so when a greyed out feature is clicked on the isolated region can be swapped to a different region.

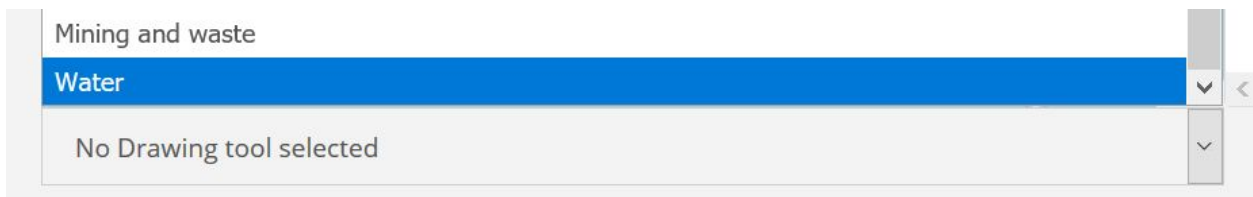
The isolated region can be clicked on to show an undo button which will revert the layers back to their original format.



The isolated features work both on the bioregion and sub-bioregions.

Drawing Tool

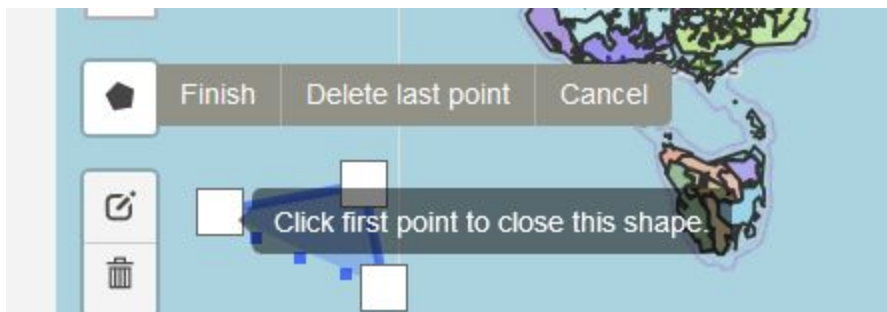
The drawing menu can be accessed by clicking on the drop down tab at the bottom of the map and selecting a feature type you want to draw.



Once a feature type is selected the drawing menu will appear on the map.



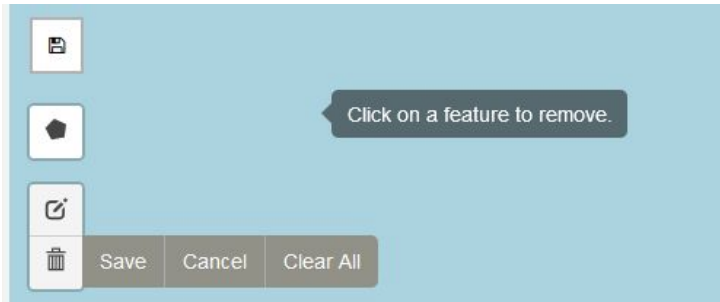
Each button is explained in the controls part of this report. To draw a shape you click on the draw polygon button, this will allow you to click on the map to put points where you clicked and then connect all the points together to finish the shape when either the first point is clicked again or the finish button is pressed.



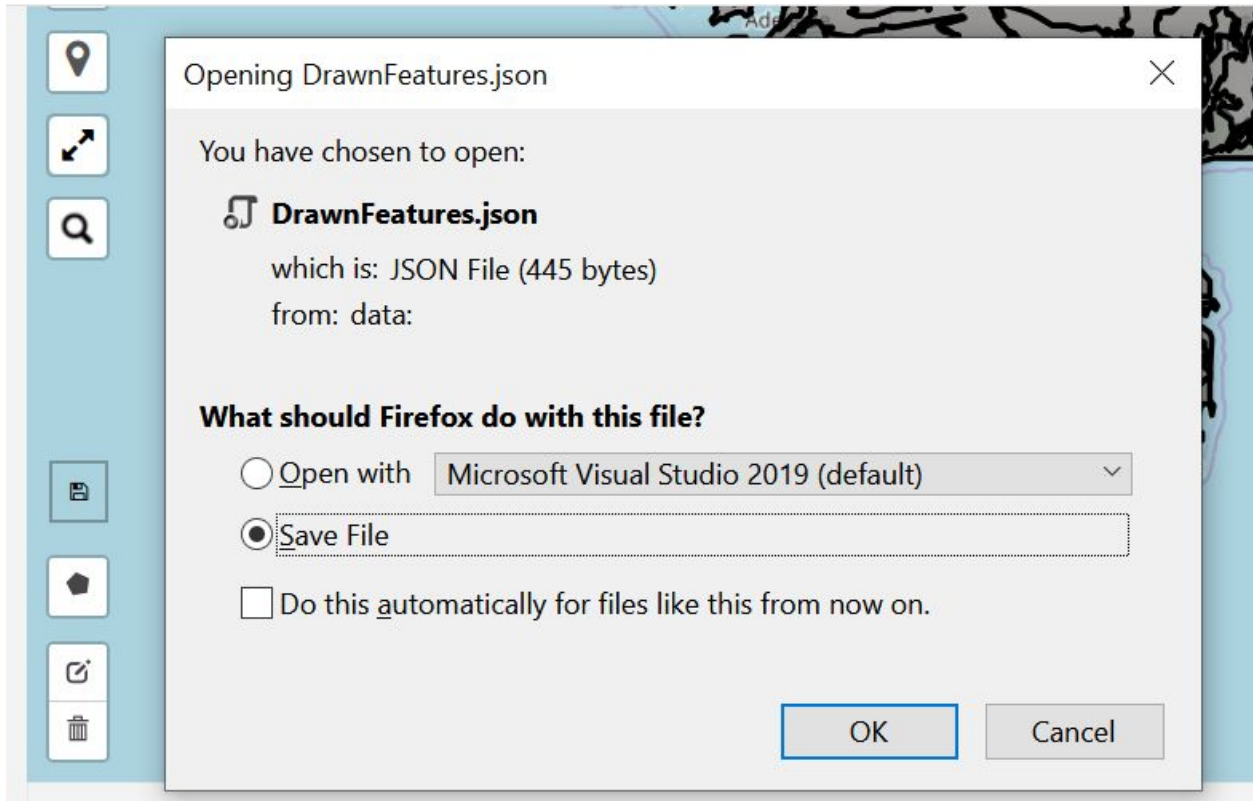
Once a shape is drawn you can edit the bounds of the shape by clicking on the edit layers button. This will bring up all the interactable edges and vertices of the drawn shape which can be clicked and dragged to edit the boundary of the shape. Once you are happy with the redefine boundaries you click on the save button in the save menu to save your changes.



To delete any of your drawn features the delete layers button must be clicked. This will open up the delete menu. To delete any of the drawn layers you simply click on any drawn layer you want to remove. The clear all button can be used to delete all the drawn layers(this does not affect the bioregion and sub-region layers). If you have deleted something on accident you can hit cancel to undo the deletion process. Once you have removed all the drawn layers you don't want to see you can press the save button in the delete menu to save your changes.



The final button is the export/save button. This button differs from the other save button in the drawing menus as this button is used to export all the drawn features to a json format. To use this feature simply click on the save button and follow the prompts to download the file.



This file can be used to upload to different service such as geojson.io.

Some features were not fully completed and as such were not implemented in the latest release of the project. The project can be continued by applying the color and texture features to the download file. Implementing an upload feature to the map that accepts json ect.