














webtools
























The BGIS website is hosted and managed in collaboration with the Department of Biodiversity and Conservation Biology at the University of the Western Cape. The website provides the user with the tools required to query maps and perform basic spatial analysis. By using the available suite of tools and tabs, it is possible to draw, add text, place a grid onto maps, email manipulated maps over a secure link to other users, save map sessions, extract data from a shapefile and upload your own data.



standard tools

-  **INDEX MAP** (button): Opens an overview map showing the users current position relative to the map extent.
-  **ZOOM IN** (tool): The Zoom In button allows you to zoom into a particular area on the map.
-  **ZOOM OUT** (tool): The Zoom Out button allows you to zoom out to a particular area on the map.
-  **FULL EXTENT** (button): This button zooms to the full extent of the map.
-  **ZOOM PREVIOUS** (button): This button zooms to the previous extent the map was in.
-  **PAN** (tool): The Pan tool is used to move the area shown in the map window to the left, right, up or down.
-  **IDENTIFY** (tool): The identify tool displays the attribute values of an active layer
-  **DRILL DOWN IDENTIFY** (tool): The drill down identify tool displays information about each visible layer at the map position selected.
-  **IDENTIFY RADIUS** (tool): Displays information about features within a specified of selected area on the map.
-  **LOCATION** (tool): Display the coordinates of the selected area on the map.
-  **PRINT MAP** (button): Prepares a map layout for printing in PDF format.
-  **EMAIL** (button): Send an e-mail message to the recipient with an attachment containing the map image in Adobe PDF.
-  **ADVANCED TOOLS** (button): Shows the advanced tool set.

advanced tools

-  **SAVE SESSION TO SERVER:** Saves the current map settings onto our server.
-  **OPEN SESSION FROM YOUR FOLDER:** Opens a project session saved on your computer.
-  **SAVE SESSION TO YOUR FOLDER:** Saves the current map settings to your folder.
-  **SELECT:** The select tool is used to identify information from a selected layer.
-  **BUFFER:** Select features within a distance of selected features.
-  **CLEAR:** Clears the selected features or markup graphics that you have placed on a map.
-  **MEASURE:** The Measure tool is used to calculate distances between points that you specify on a map.
-  **POINT MARKUP:** This tool is used to place a point locality on a map.
-  **LINE MARKUP:** This tool is used to add a linear feature to a map.
-  **RECTANGLE MARKUP:** This tool is used to add a rectangular graphic to a map.
-  **POLYGON MARKUP:** This tool is used to add a free hand area feature to a map.
-  **TEXT MARKUP:** This tool is used to add text to a map.
-  **LABEL MARKUP:** Adds a label from the feature table of a layer to a map.
-  **GRID MARKUP:** Adds a numbered grid to a map.
-  **ERASE MARKUP:** Removes user markup from the map using a point or a box.
-  **EXTRACT TO EXCEL:** Creates an Excel file containing attributes from a layer.
-  **EXTRACT GML:** Creates a GML file containing features from a layer. A GML file can be used to transfer information from this site to other GIS software programs that support GML.
-  **EXTRACT:** Extract data to a shapefile.
-  **DOWNLOAD SHAPEFILE:** Creates a shapefile set containing your markup graphics.
-  **UPLOAD SHAPEFILE:** Adds an uploaded shapefile to the current map.
-  **UPLOAD GPS DATA:** Adds GPS points stored as a CSV file to the current map.

<http://bgis.sanbi.org>

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