# ecometrica
MAPPING

QUICK START GUIDE

Ecometrica Mapping is a cloud-based platform that allows you to access, distribute, share and analyse spatial data.

Each application brings together a collection of earth observation and other data with predefined queries and groups of interested people.

This is a short guide to the map interface to get you started.

MAP STYLES
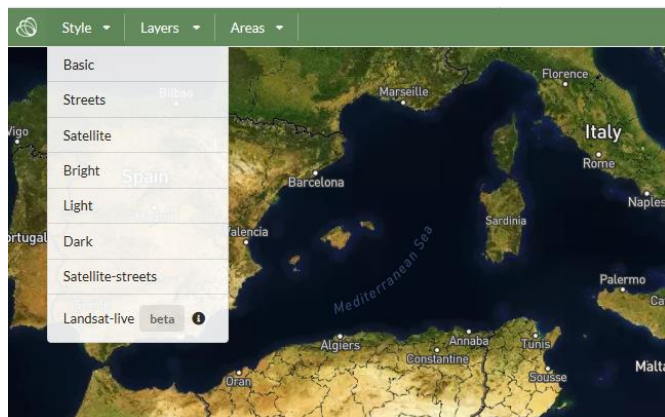
You can choose an alternative Style, or base map, for your session from the Style drop-down menu in the top left corner.

DISPLAY LAYERS

Select a map from the Layers menu (top left) to view the location and extents of the data uploaded to the application. Once you have switched a layer on, you can view the Legend and Description using the panel that appears on the left. The toolbar at the bottom of the page allows you to adjust the transparency of the display layer using the slider. Other tools on this tool bar include the Zoom to Layers button which zooms to the overall extent of the active map layer.
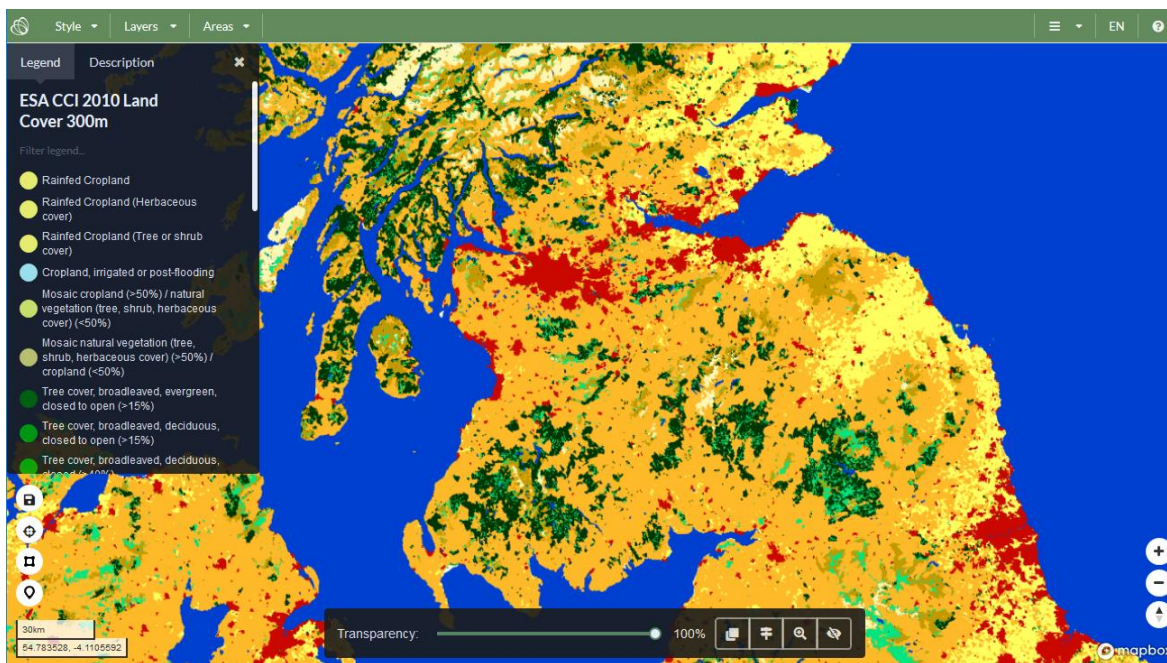
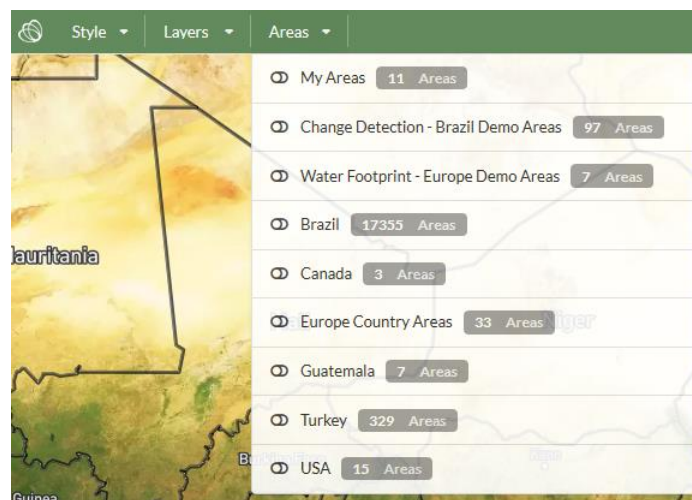Multiple Display Layers can be presented as Display Series. They are listed in the Layer menu with a clock symbol...
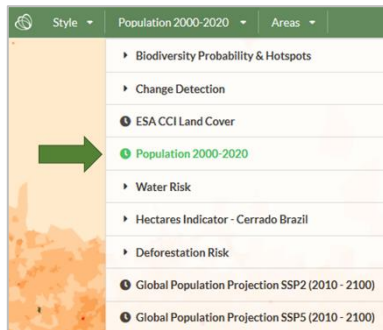
...You can use the Time Series options such as the Play Series and Playback Speed to visualise the series of layers one by one at different speeds.
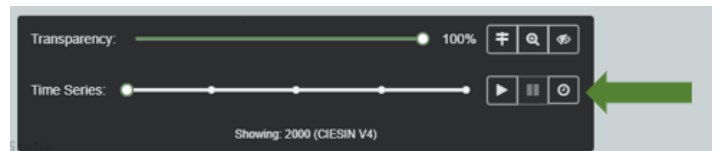
AREAS

Areas of Interest can be viewed in the Areas menu. Areas contain Descriptions and Details relevant to

Areas of interest are grouped in two different ways:

1: User-drawn areas ('My Areas') can be created by clicking on the Polygon **Tool** or Marker Tool in the bottom left corner of the screen. Once saved, 'My Areas' areas can be viewed when you are logged into any Ecometrica Mapping application. You can edit and **delete** your own areas.
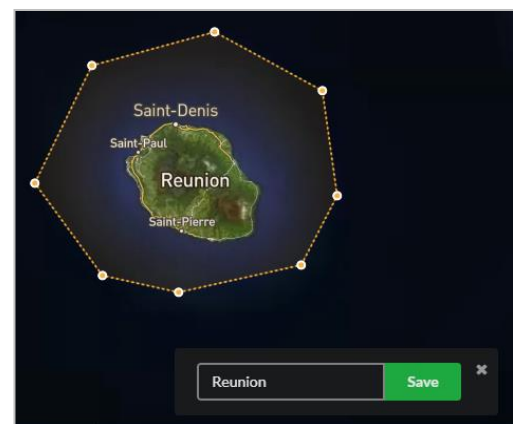
**2: Area Groups (all other groups in the Area menu)** contain areas that have been uploaded to the specific app you are logged into, which every user can see and query. These areas are grouped so that they can be organised by a theme or region.

Regardless of the group type, when clicking on a specific area, you get the option to open the results page and see details such as description and metadata. You can click on 'Description' to see any information or images added to this area. Depending on your permission level, you can edit this description. Application admin users also have the permission to edit the boundaries or delete the application areas.
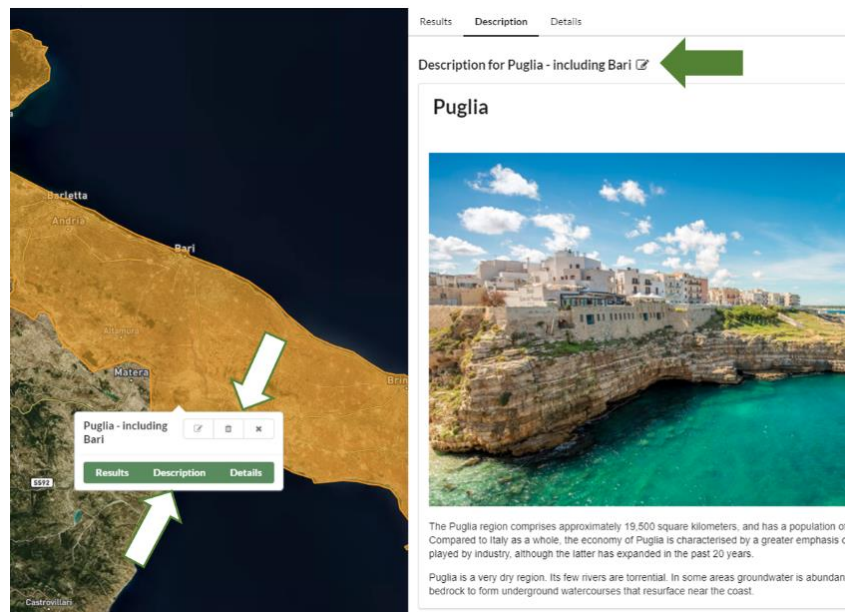
You can use the 'Filter Areas' option at the top right corner of the screen or the 'Filter Areas Table' button above the Drawing tools (bottom left) to view, sort and search specific areas on the app.
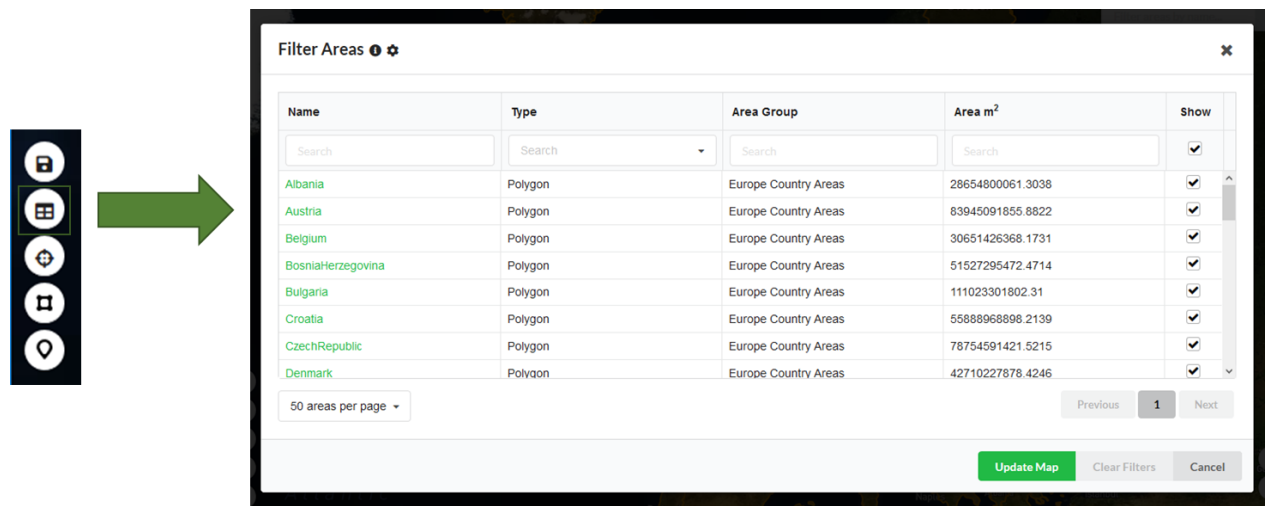
Finally, areas can be switched between polygons, points, or be kept as defaults by using the 'App Preferences' in the menu at the top right corner of the interface.
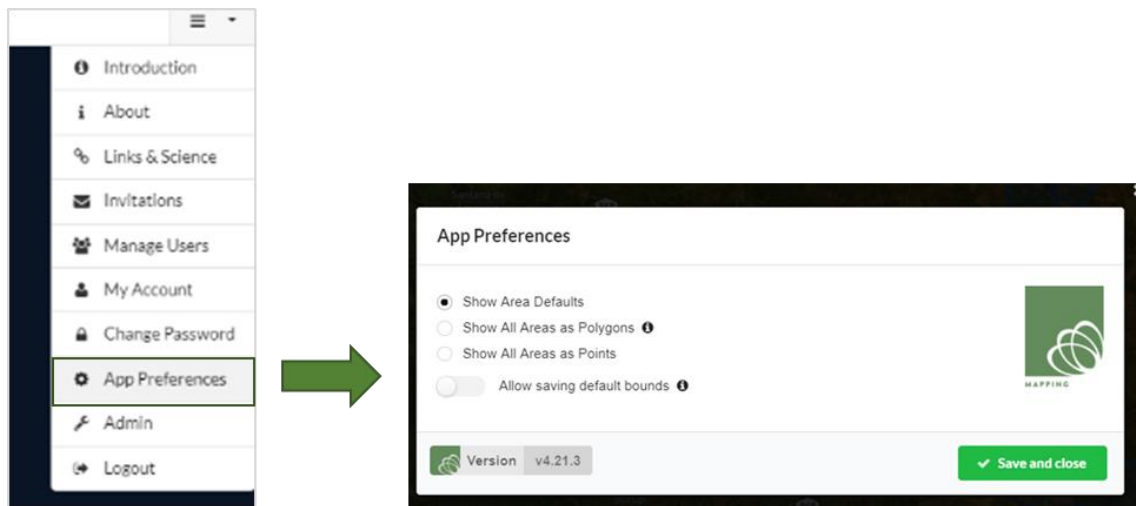
💾 SAVE APPLICATION STATE

You can save your application preferences, the position of the map, etc. for the next time you visit the app by clicking the 'Save' icon above the drawing tools.
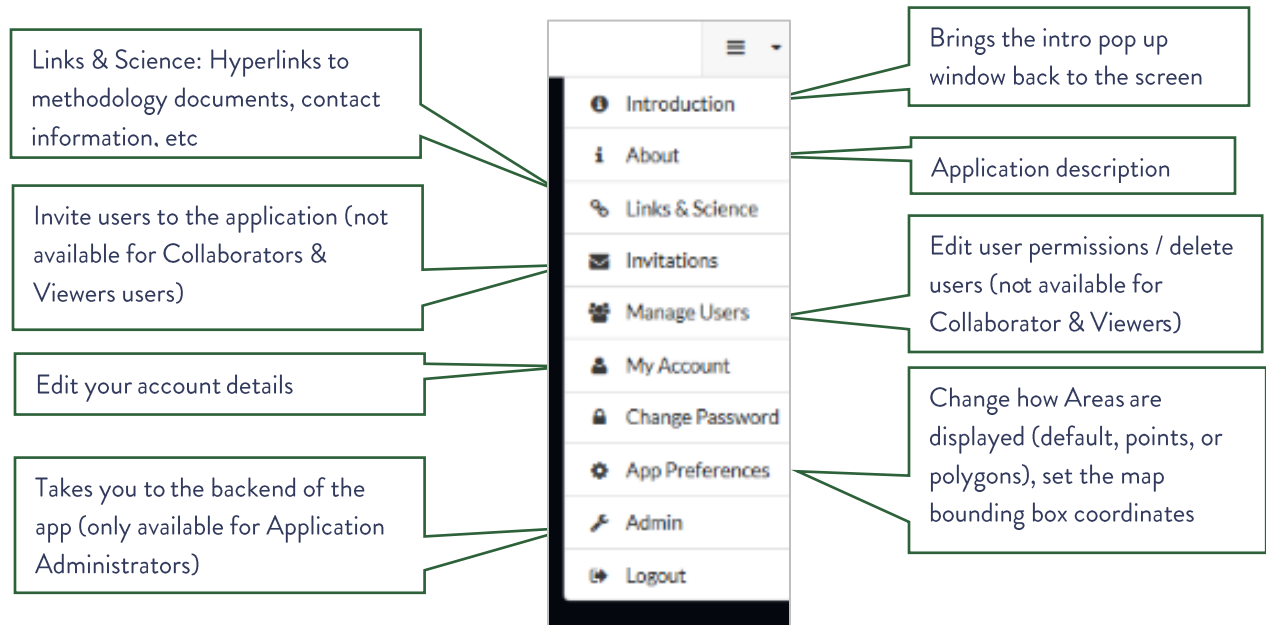

ZOOM TO POSITION

You can use the Zoom to position icon to enter latitude and longitude to zoom to a specific point on the map.
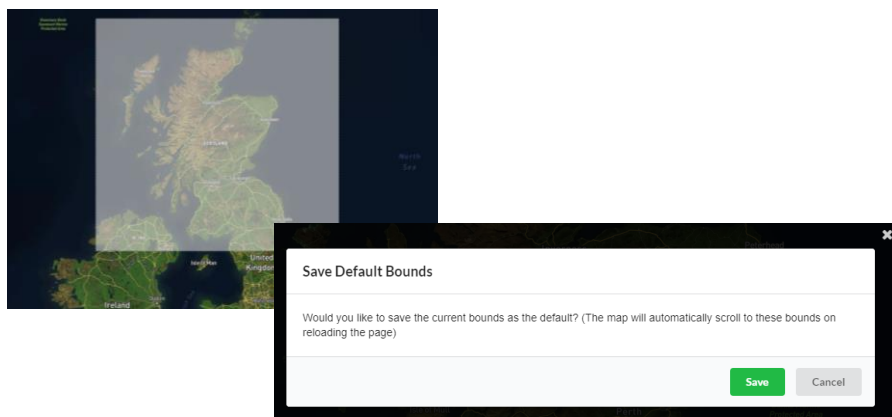
APPLICATION MENU

Links & Science: Hyperlinks to methodology documents, contact information, etc

Invite users to the application (not available for Collaborators & Viewers users)

Edit your account details

Takes you to the backend of the app (only available for Application Administrators)

Brings the intro pop up window back to the screen

Application description

Edit user permissions / delete users (not available for Collaborator & Viewers)

Change how Areas are displayed (default, points, or polygons), set the map bounding box coordinates

Menu items
- Introduction
- About
- Links & Science
- Invitations
- Manage Users
- My Account
- Change Password
- App Preferences
- Admin
- Logout

APP PREFERENCES – SET MAP COORDINATES

The default map coordinates can be set in the App Preferences using the Allow saving default bounds toggle (only available to application administrators and super-users).

Once this is turned on, you can hold down the shift key and drag on the map to set the default map coordinates. Your app will zoom to this extent when ever it is opened or refreshed.

App Preferences

- ⦿ Show Area Defaults
- ◯ Show All Areas as Polygons ❶
- ◯ Show All Areas as Points ❶
- 🔵 Allow saving default bounds ❶

Save Default Bounds

Would you like to save the current bounds as the default? (The map will automatically scroll to these bounds on reloading the page)

Save   Cancel

QUERY RESULTS AND REPORTS

To view detailed spatial information for each area, click on the area and select 'Results'.

The Results option allows you to access, compare and analyse spatial data uploaded to the app for your chosen area.

As well as an online overview, you can download all your results as a spreadsheet or as a PDF (at the bottom of the results page).