



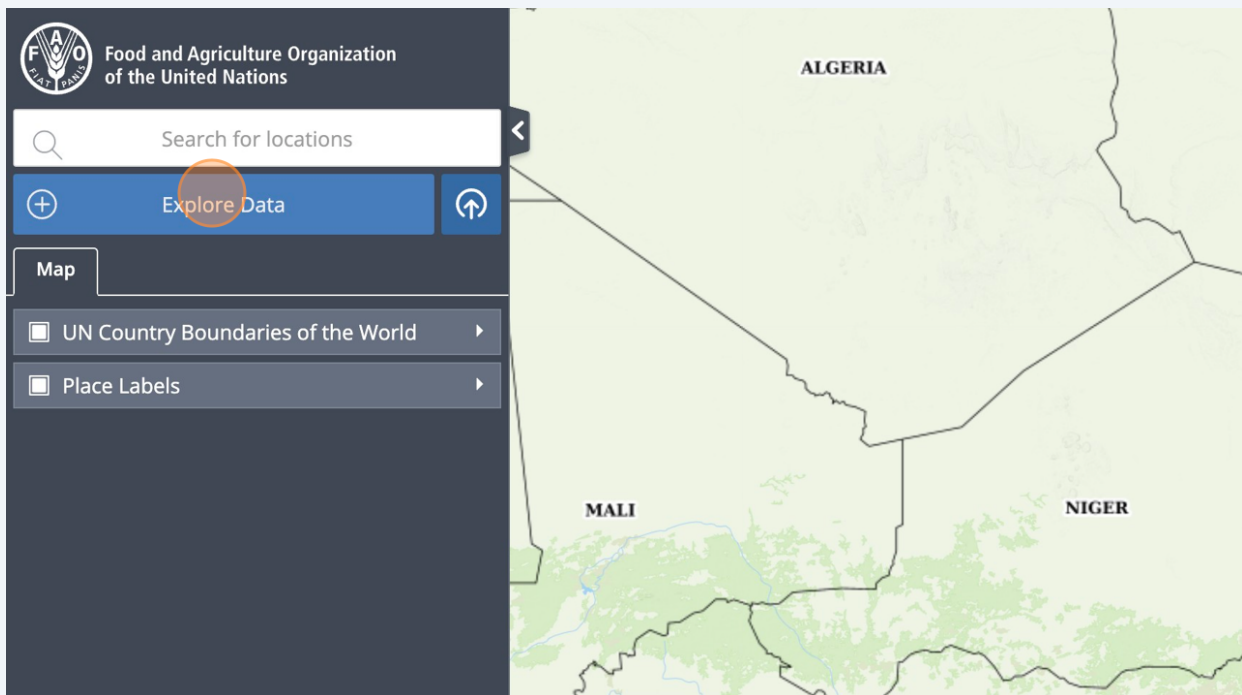
Food and Agriculture Organization  
of the United Nations

# How to Analyze Data on FAO Agro-informatics Platform Part 1: Perform Land-Cover Analysis

# How to Analyze Data – Part 1: Perform Land-Cover Analysis

1 Navigate to <https://data.apps.fao.org/?lang=en>

2 First, add a dataset to your map



3

**Hand-in-Hand Analysis**

**Description**

The Hand-in-Hand (HiH) Geospatial Platform is the enabling tool for the FAO flagship HiH In data layers more targeted, evidence-based agricultural interventions. This Digital Public Go geographic information, key food security indicators and agricultural statistics sourced from organizations such as NGOs, academia, the private sector, and space agencies, including ke FAOSTAT data on food and agriculture for over 245 countries and territories from 1961 to t platform is developed and scaled up by the Digitalization and Informatics Division to serve the HiH Initiative. Since the launch of the platform in 2020, over 65 countries and institutor to learn how leveraging data and technology can contribute to digital agriculture transform

Hand-in-Hand is an integrated effort to support the implementation of nationally led, ambi

4

The datasets which support data analysis have a "Supports Analysis" tag

**Land Cover/Use**

**Description**

Land cover and use data is crucial for identifying pa towards the design and implementation of more su

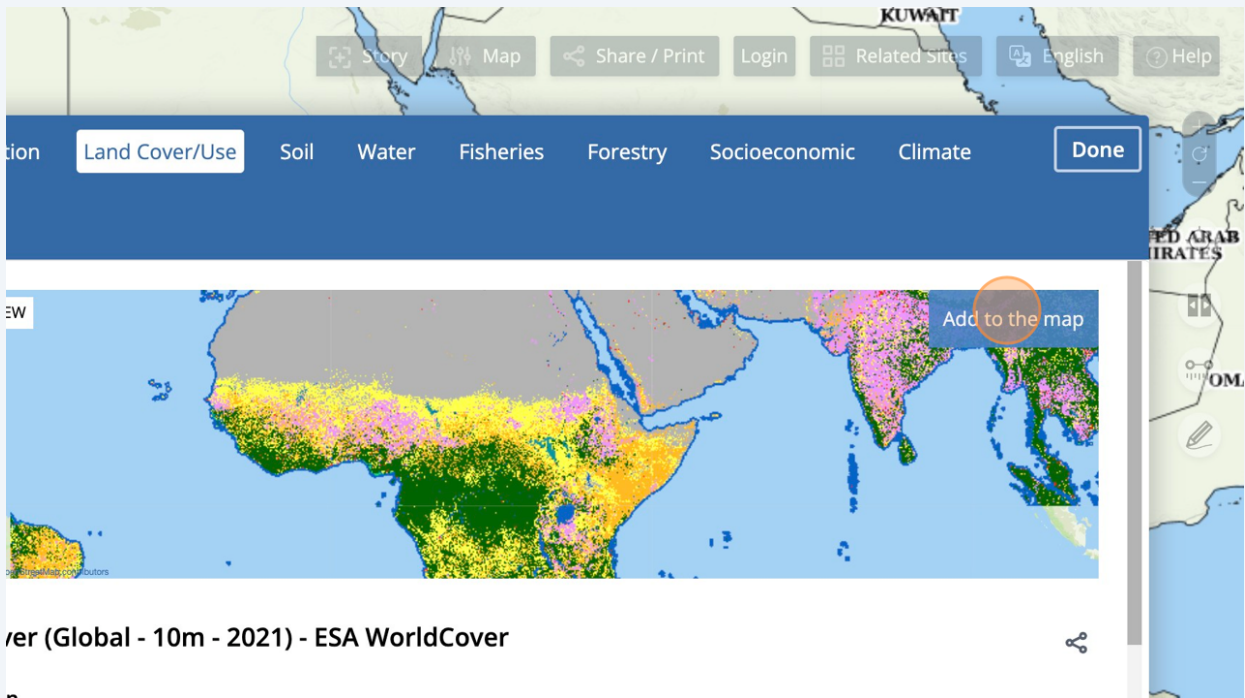
These datasets provide national, regional and globa standards including using ISO standard (ISO 19144- reference structure for the comparison and integra the ability to exchange land cover data.

**License:** [Creative Commons Attribution-NonComm](#)

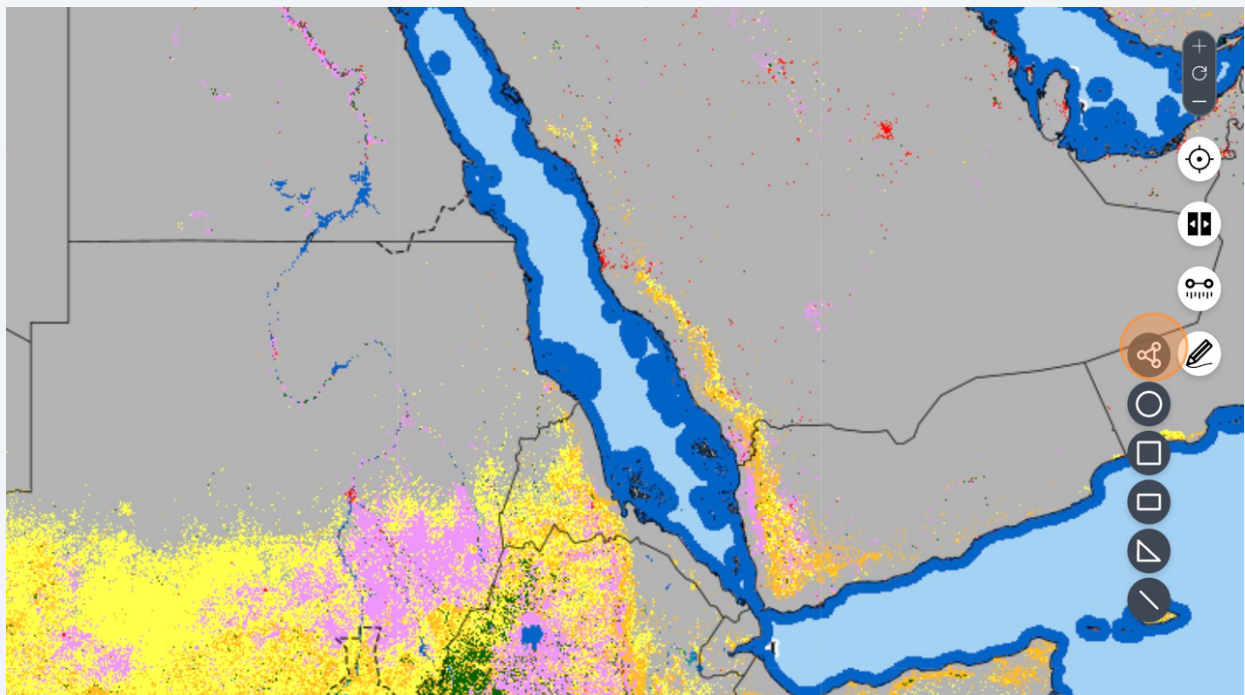
**Remote Config Group URL**

<https://data.apps.fao.org/catalog/terriajs/item/f71>

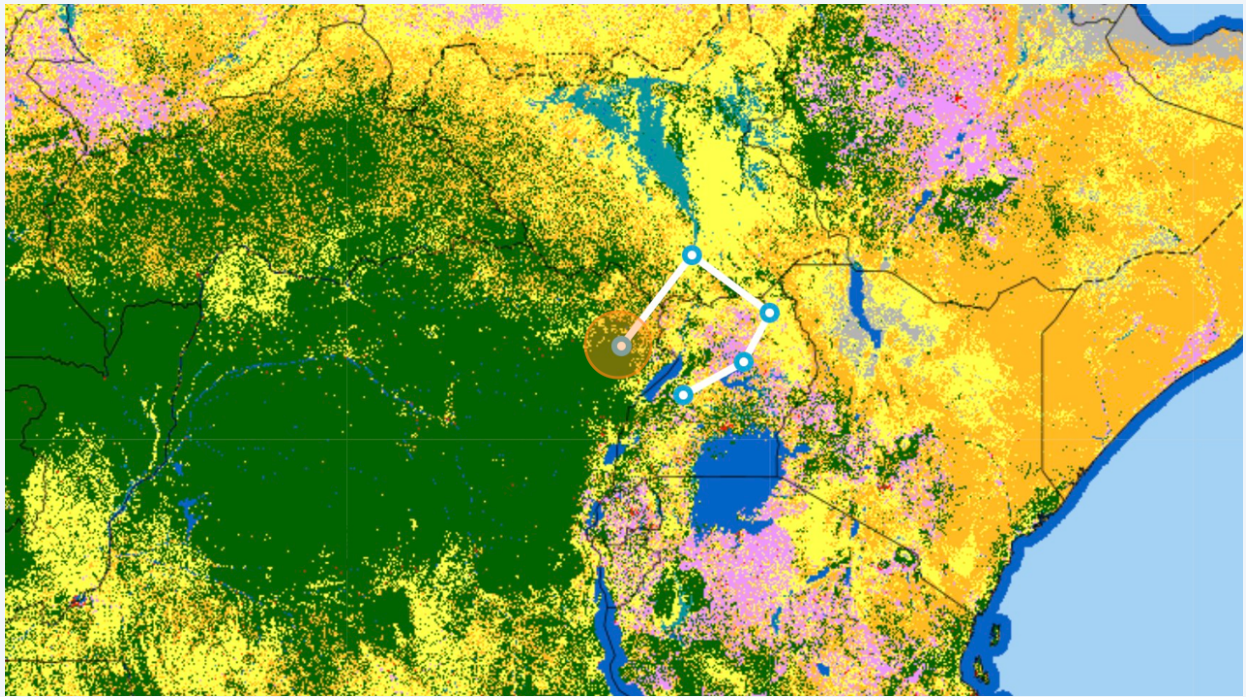
**5** Add it to the map



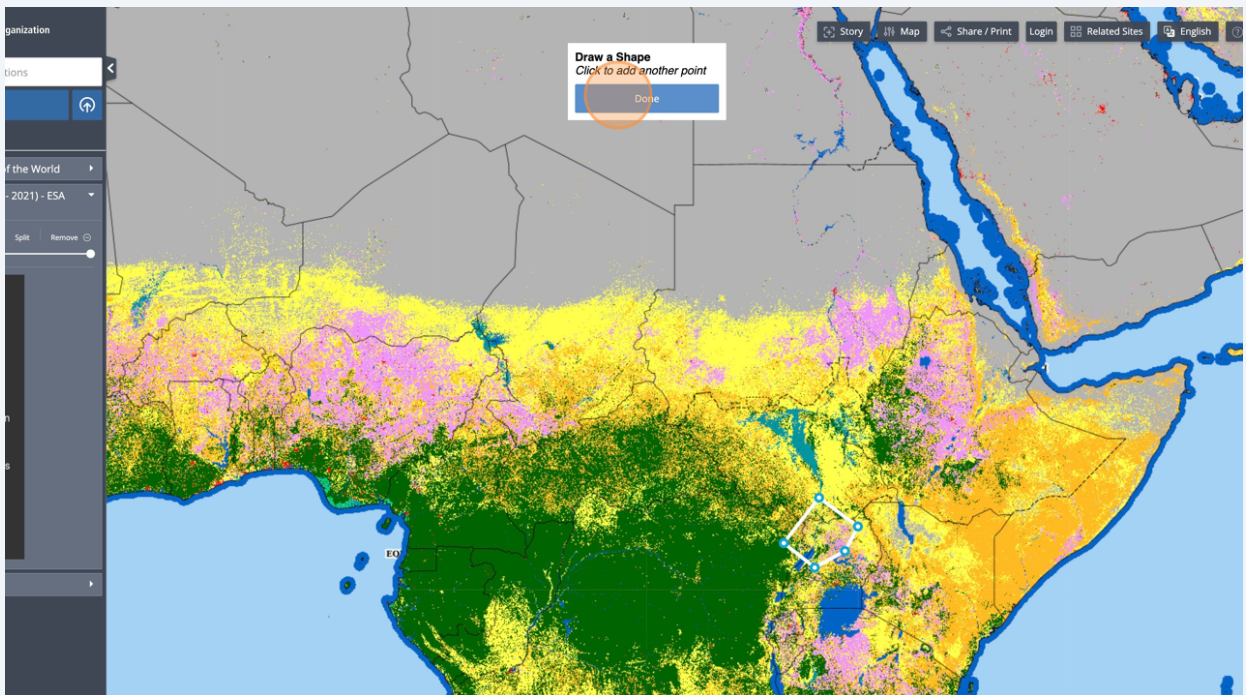
**6** Let's draw a area with the drawing tool



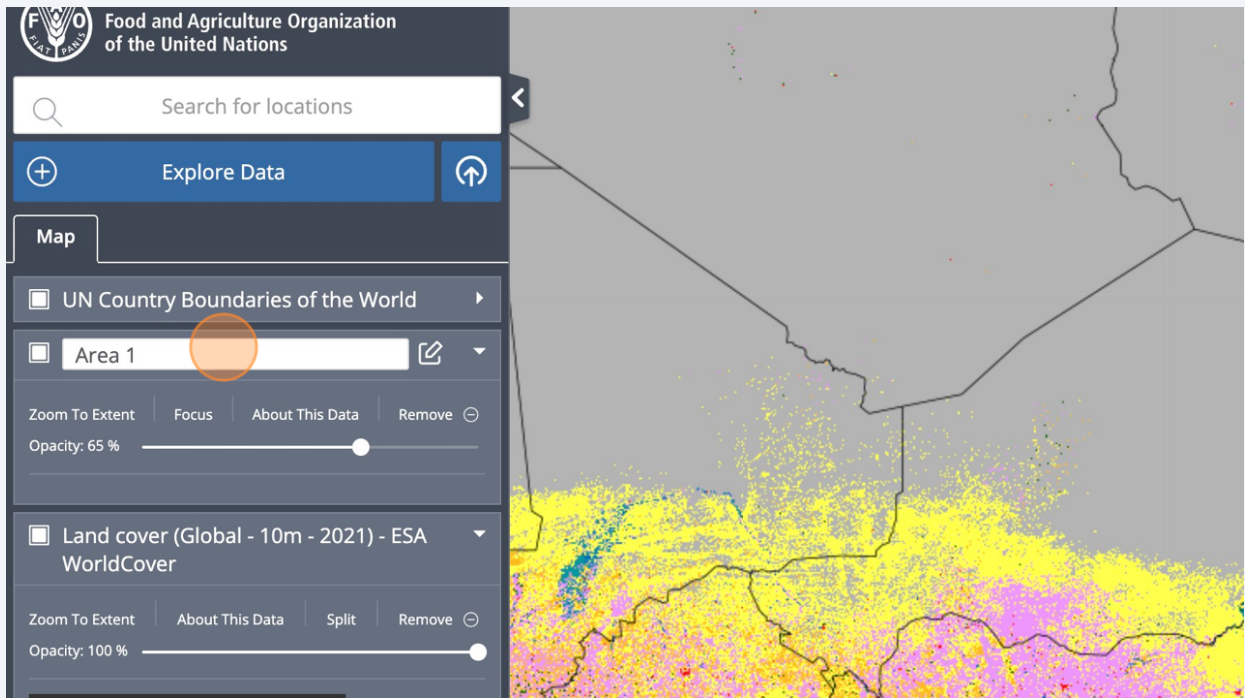
7 Draw you area by creating dots



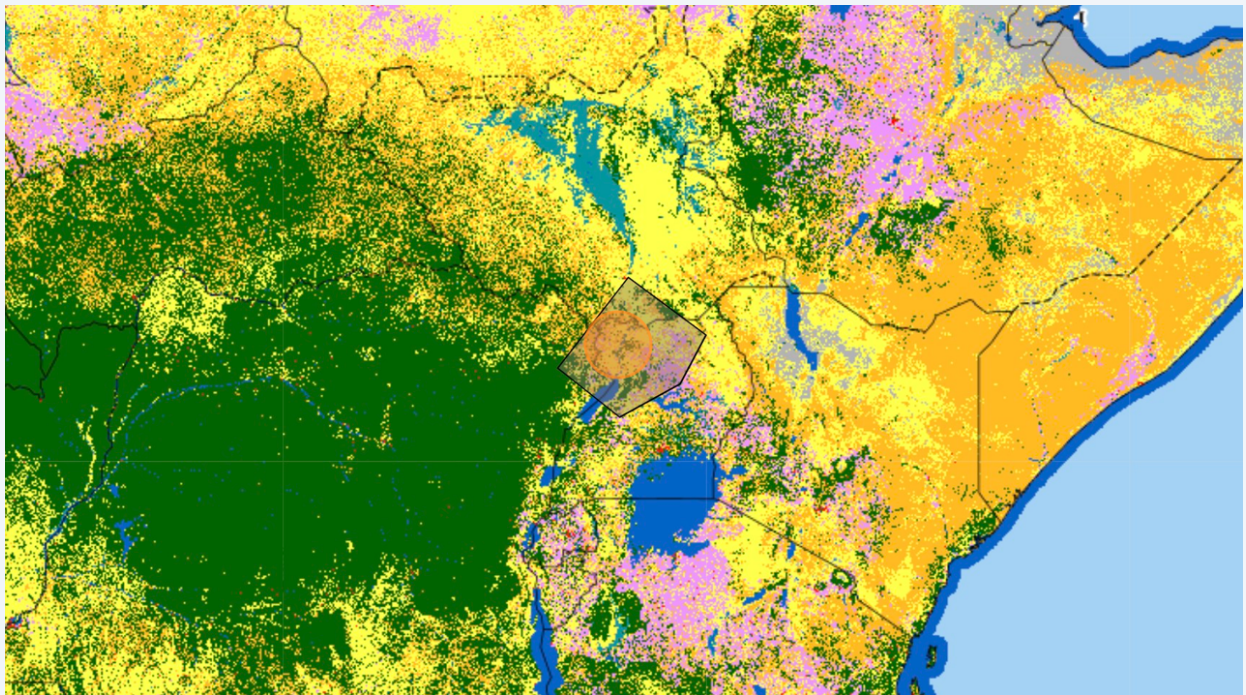
8 Click on "Done" to create your area



9 You can rename the area you have just drawn

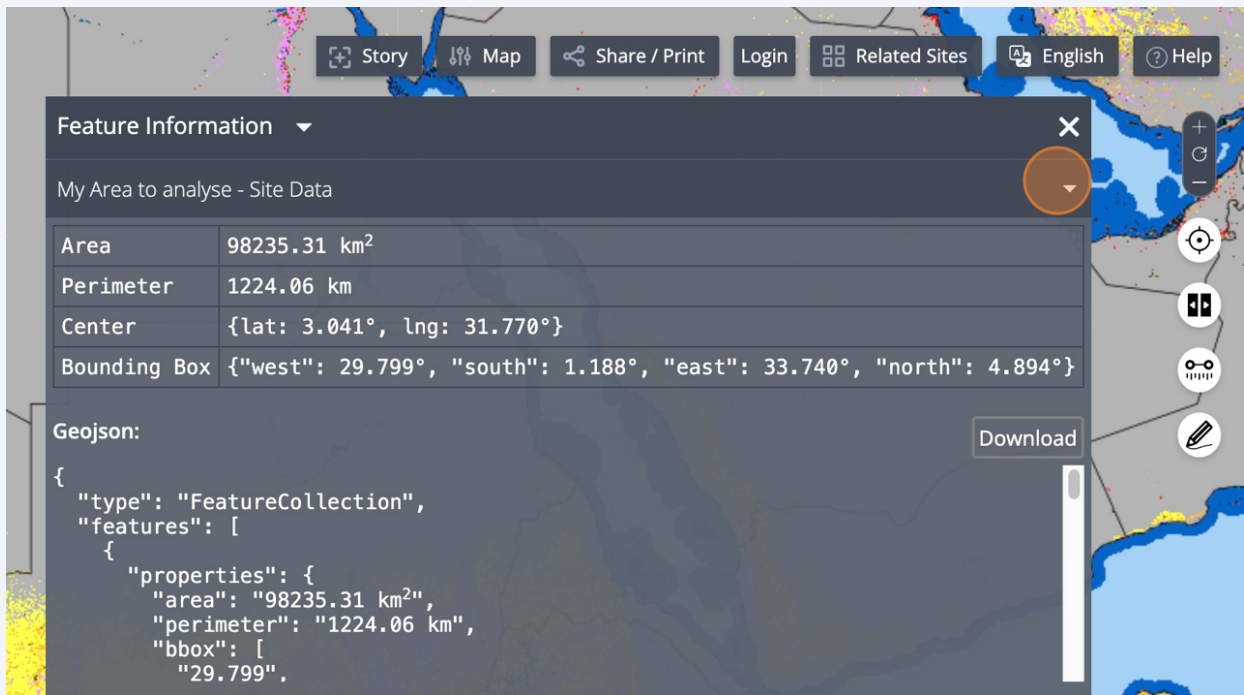


10 Click on it



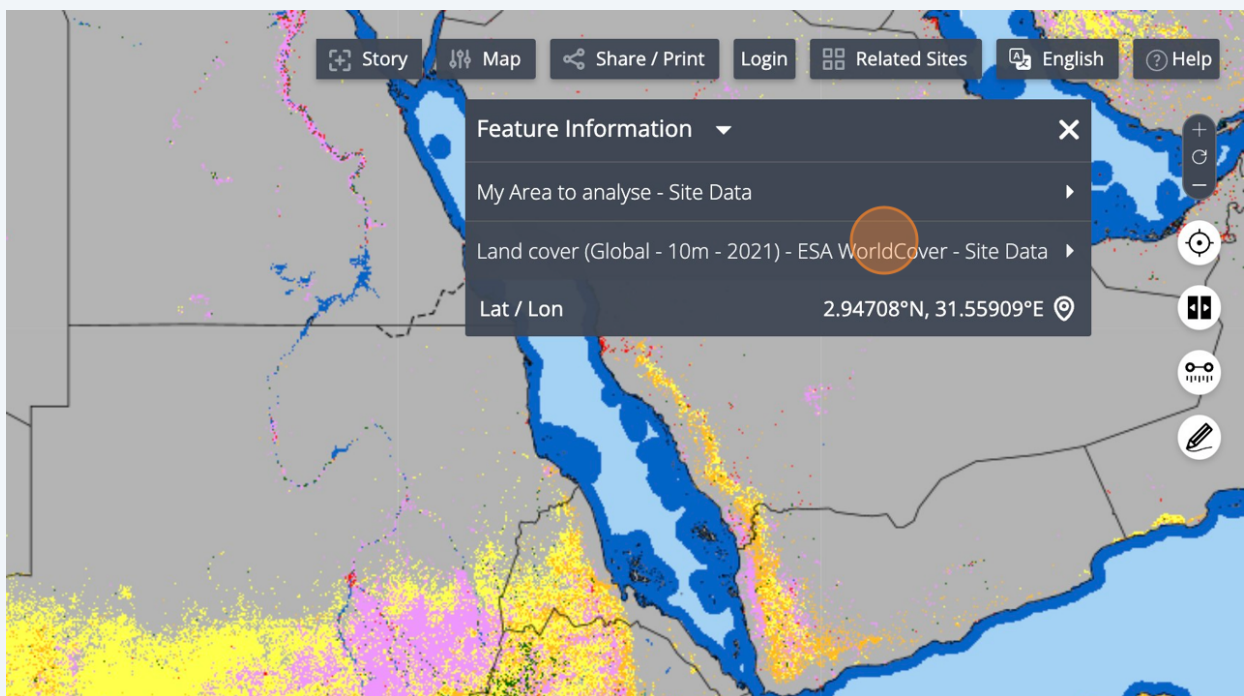
11

First, the feature information window will display data relative to the area you have just selected

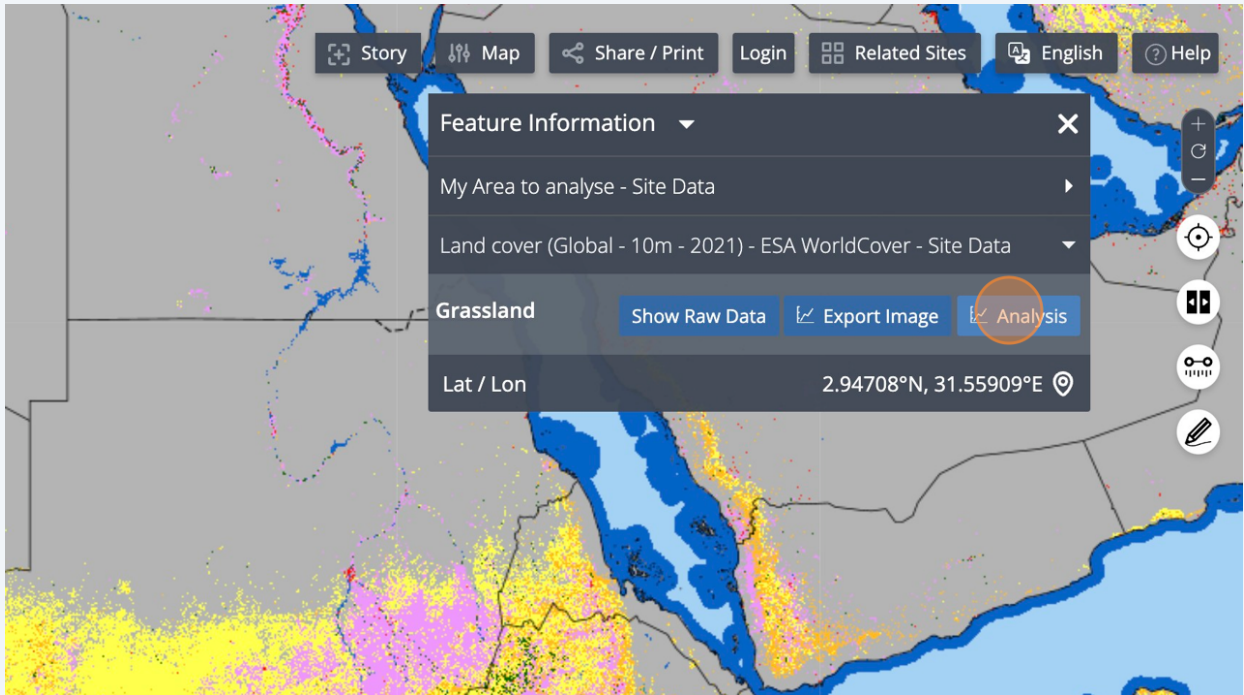


12

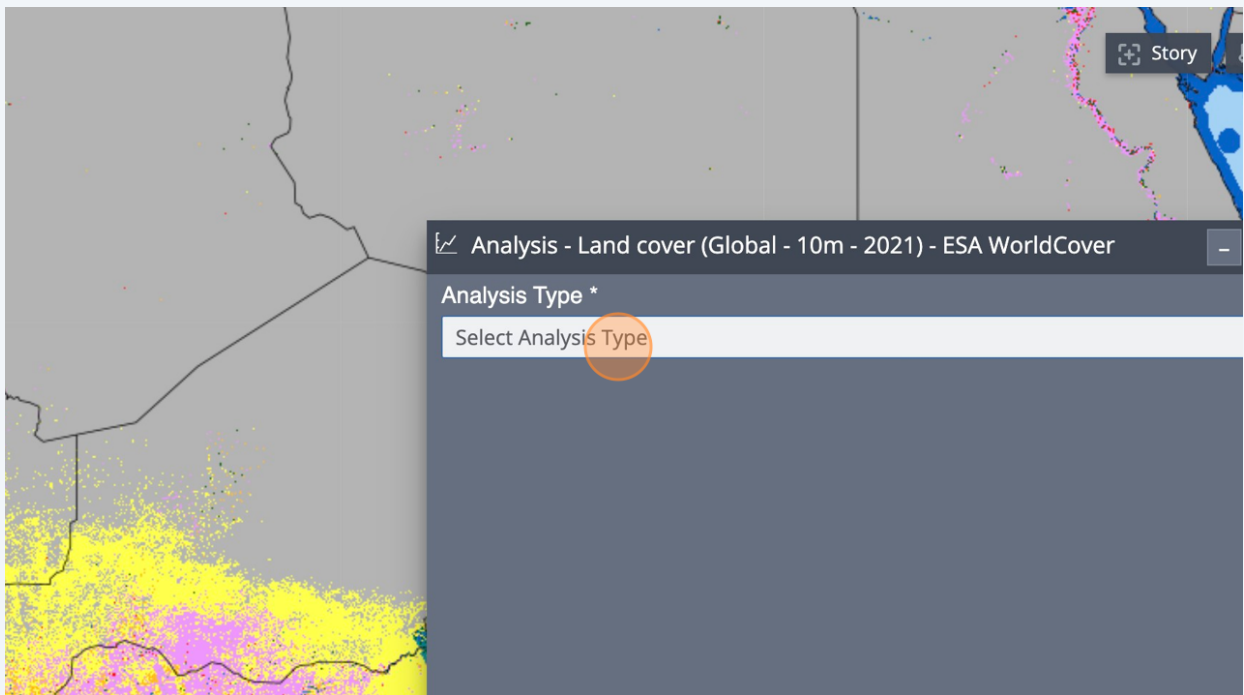
Click on the datasets from which you want to analyse data



13 Click on "Analysis"

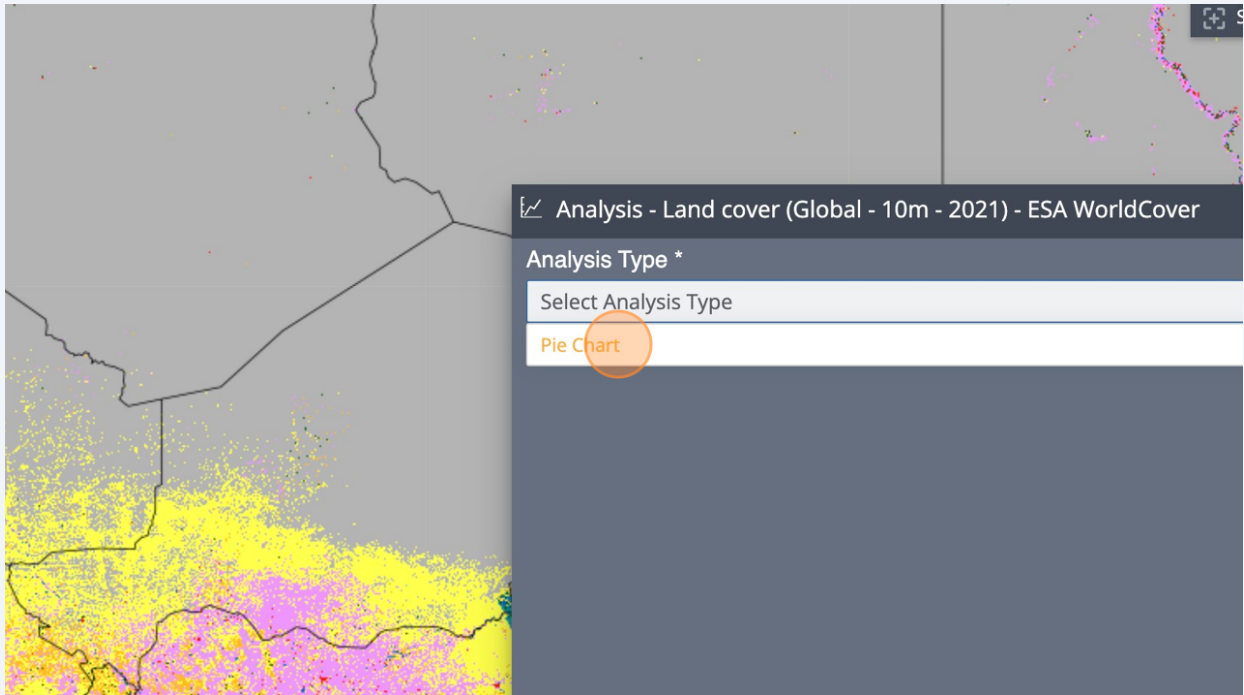


14 Click on "Select Analysis Type"

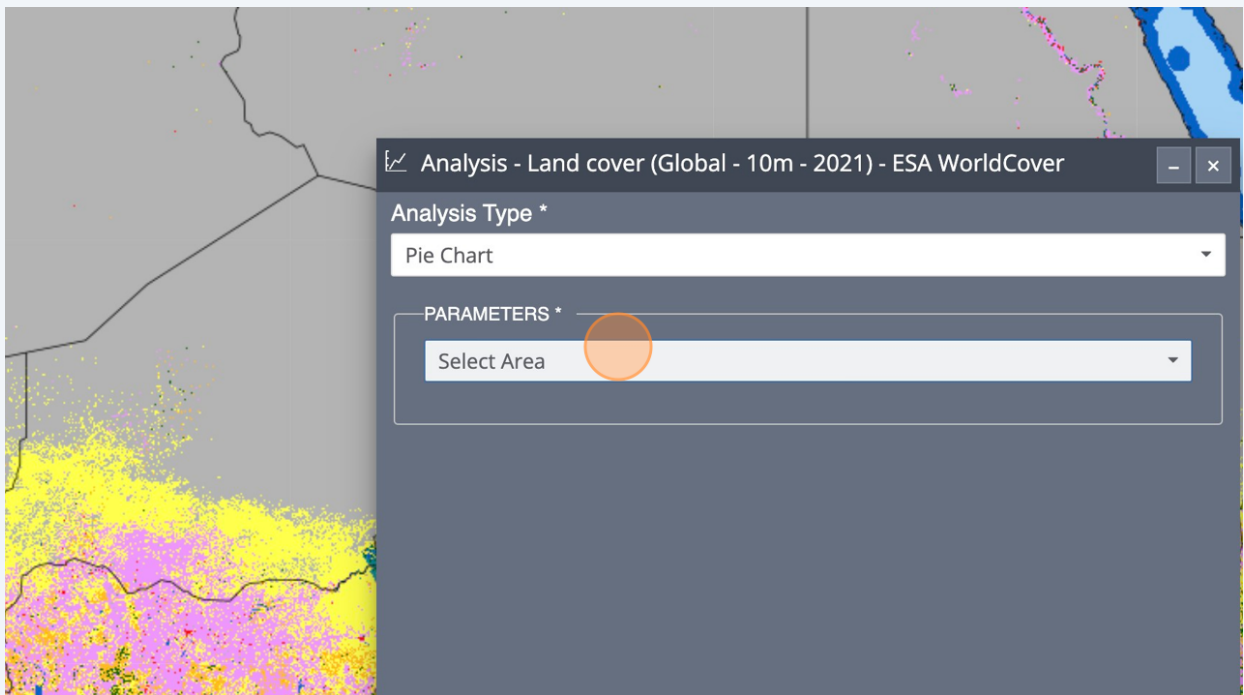




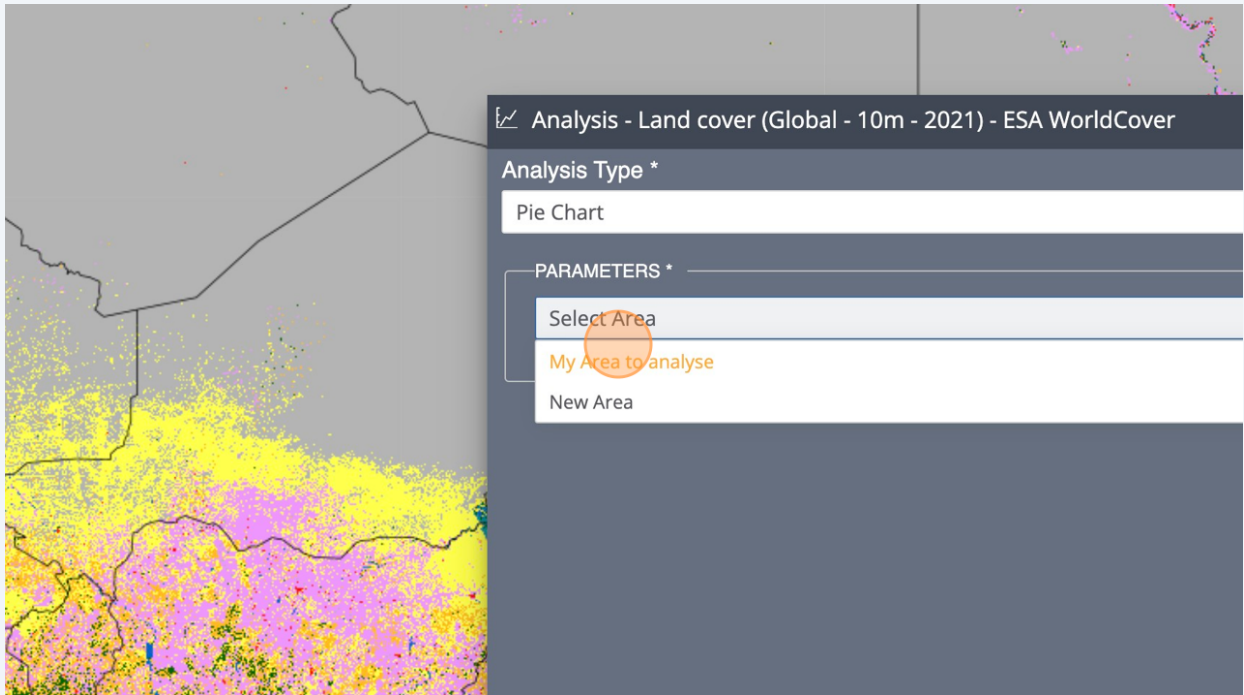
**15** Click on "Pie Chart"



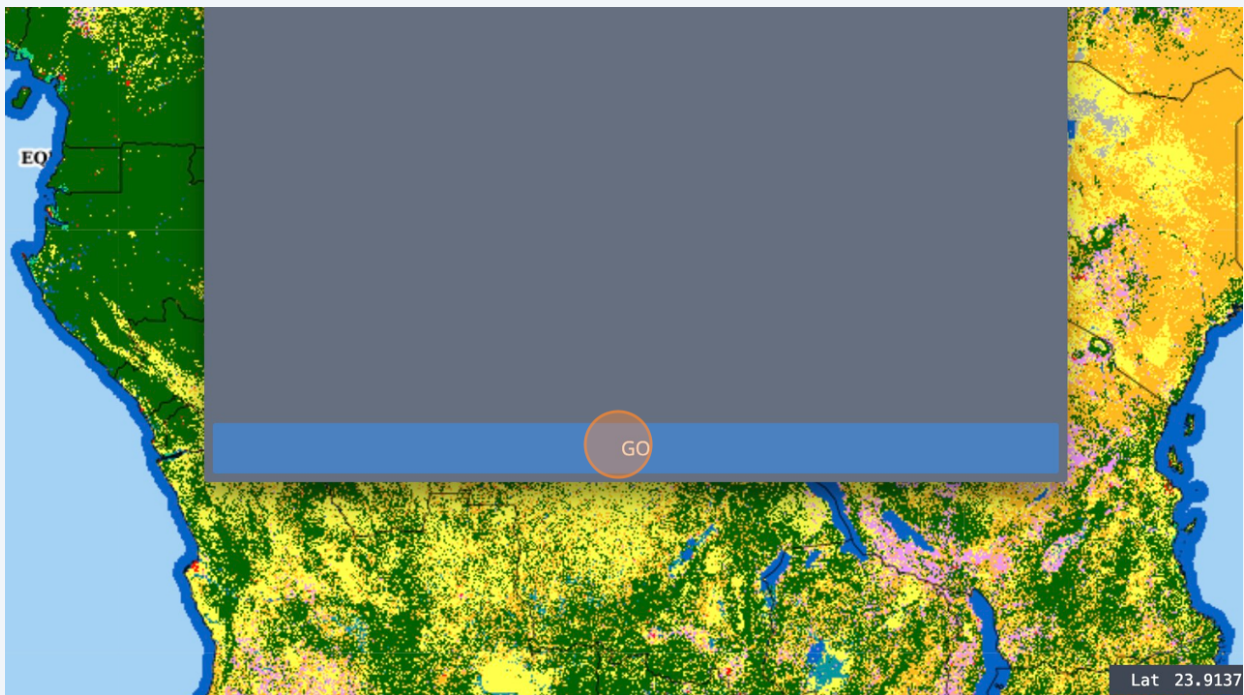
**16** Click on "Select Area"



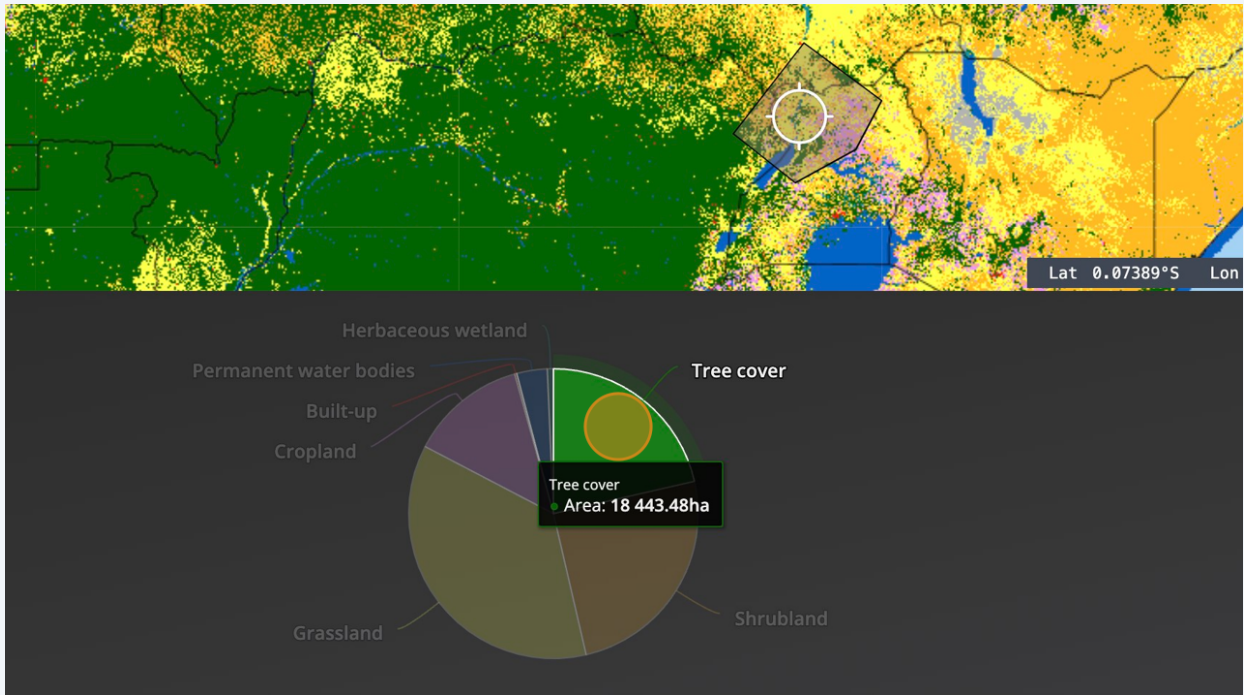
**17** Select your area



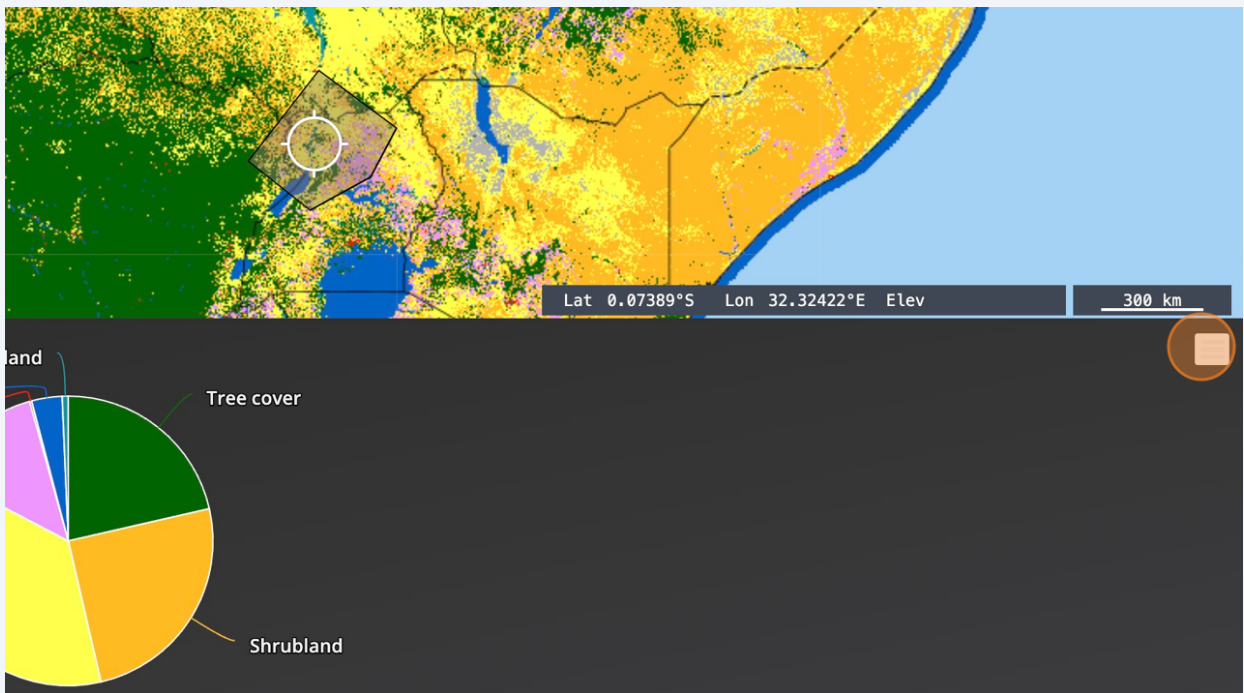
**18** Click "GO"



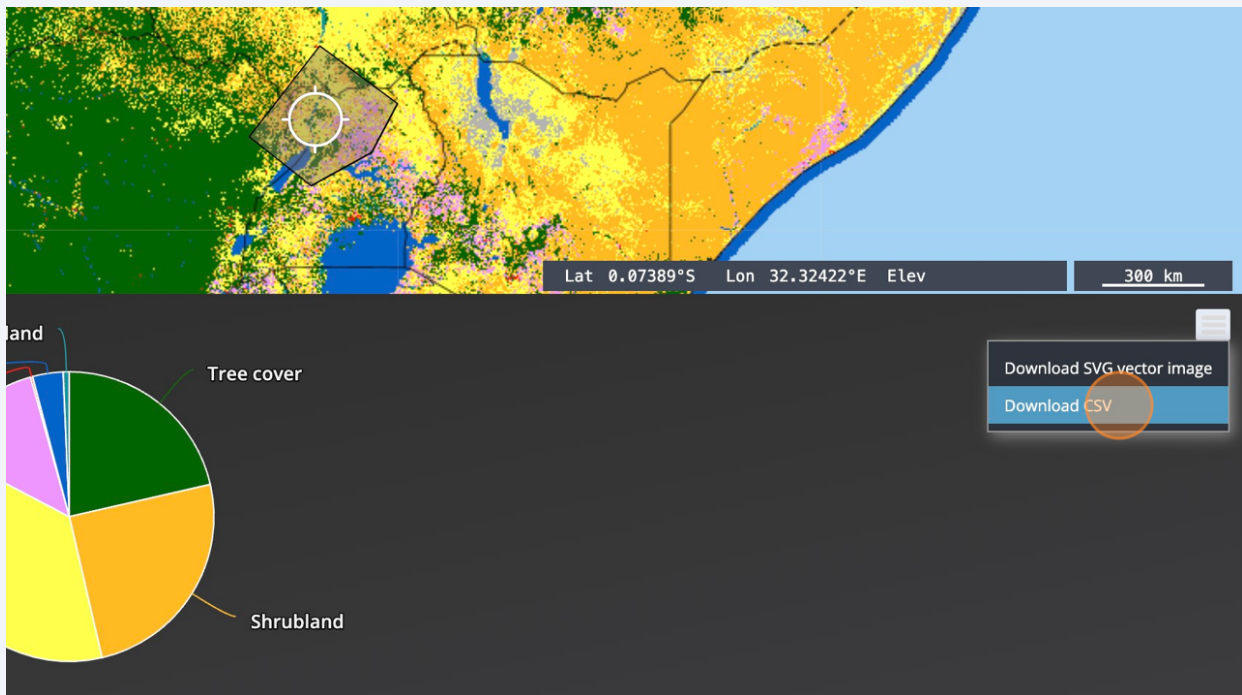
19 The data from your dataset relative to your area will be displayed in a pie chart



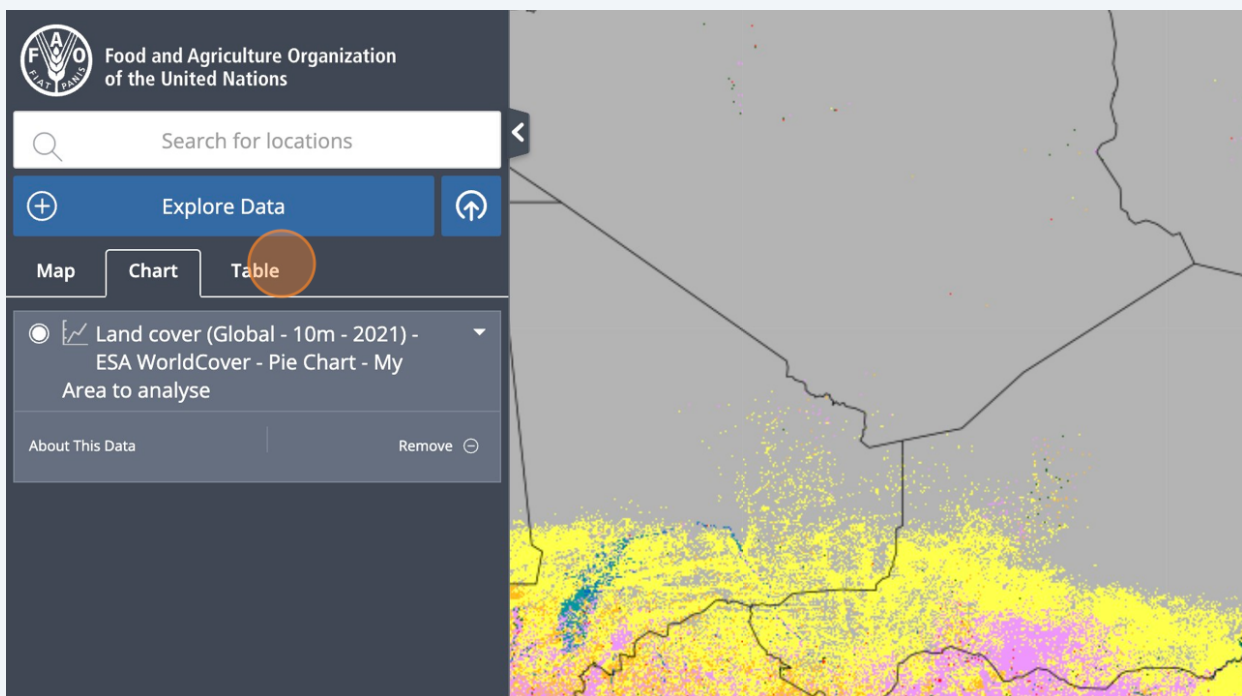
20 You can download these data by clicking on the top right button



21 Click on "Download CSV" or "Download SVG vector image"



22 You can also display the data in a table



23

Search for locations

More Data

Table

(Global - 10m - 2021) - Cover - Pie Chart - My Area

Remove

Name	Area
Filter by Name	Filter by Area
Tree cover	
Shrubland	
Grassland	
Cropland	
Built-up	
Bare / sparse vegetation	
Permanent water bodies	
Herbaceous wetland	

24

You can order them from A to Z and from Z to A by clicking on the arrow in the name column

Land cover (Global - 10m - 2021) - ESA WorldCover - Pie Chart - My Area to analyse

Table Story Share / Download Login Related Sites English Help

Name	Area
Filter by Name	Filter by Area
Bare / sparse vegetation	10,92
Built-up	195,73
Cropland	11 211,93
Grassland	31 226,03
Herbaceous wetland	580,17
Permanent water bodies	2 925,49
Shrubland	21 461,85
Tree cover	18 443,48

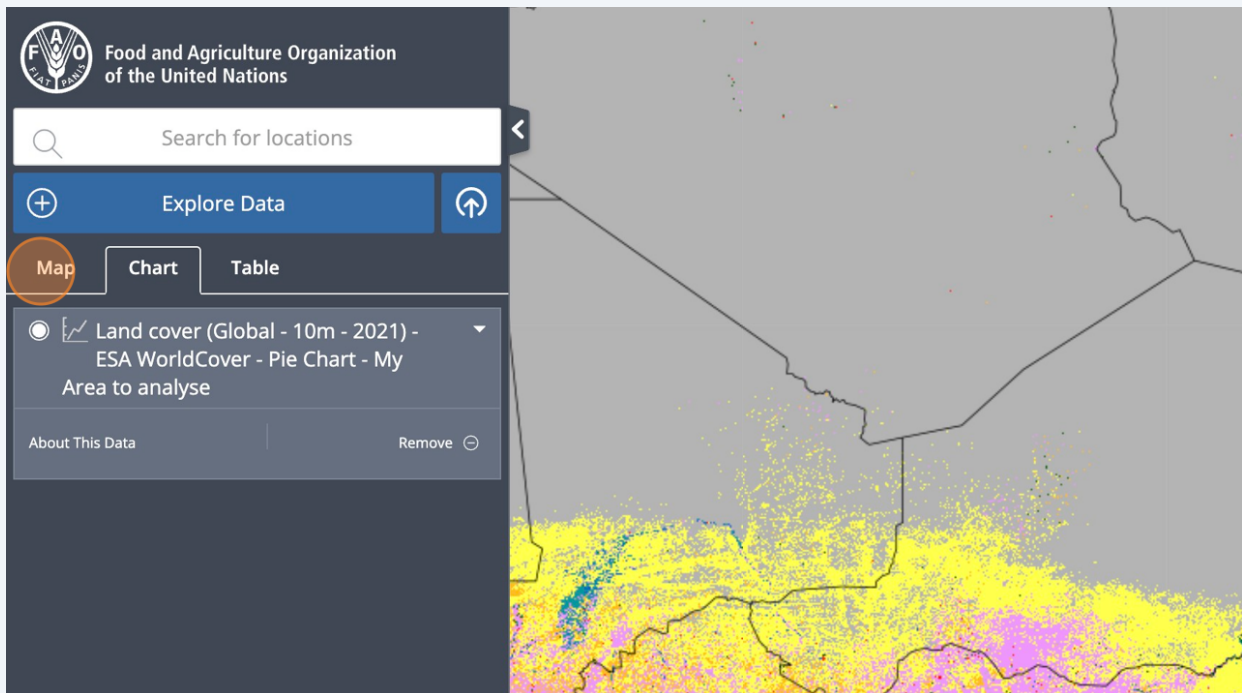
25 Or you can order by quantity of the values by clicking on the arrow



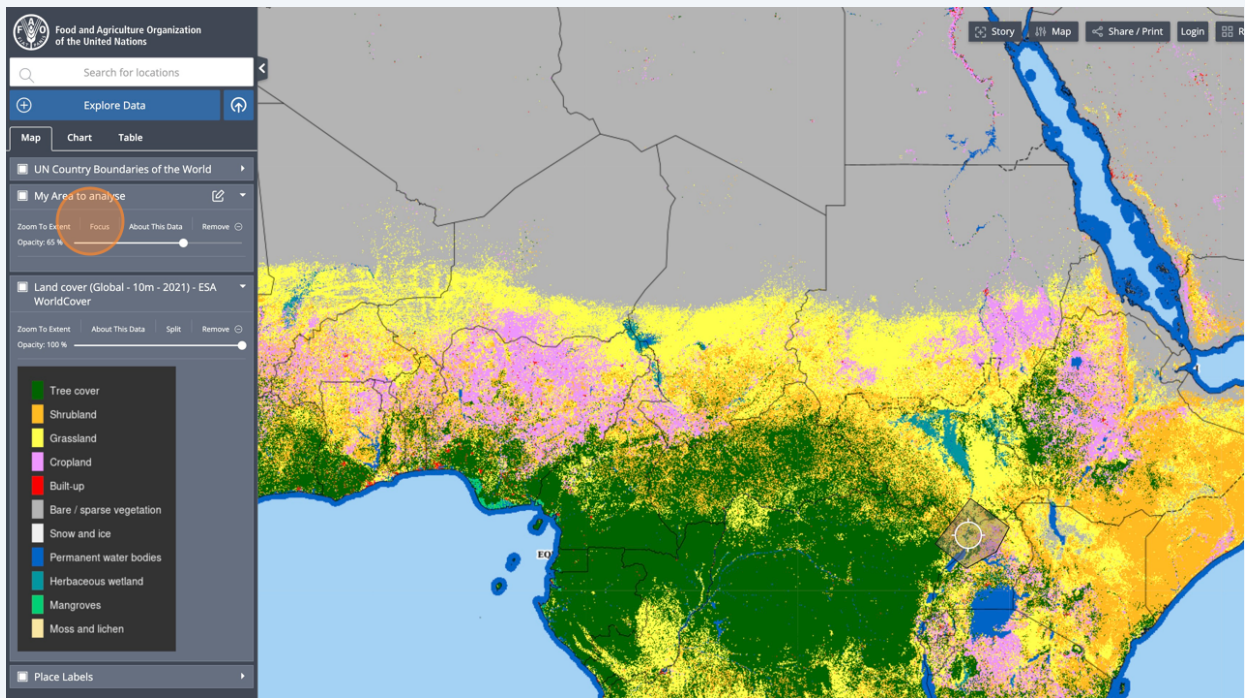
The screenshot shows a data analysis interface with a dark theme. At the top, there are navigation buttons: 'Table', 'Story', 'Share / Download', 'Login', 'Related Sites', 'English', and 'Help'. Below this is a table with a header row labeled 'Area'. A dropdown menu is open over the header, showing 'Filter by Area'. The table contains several rows of data with numerical values. An orange circle highlights an upward-pointing arrow in the top right corner of the table header area.

Area
10,92
195,73
580,17
2925,49
11 211,93
18 443,48
21 461,85
31 226,03

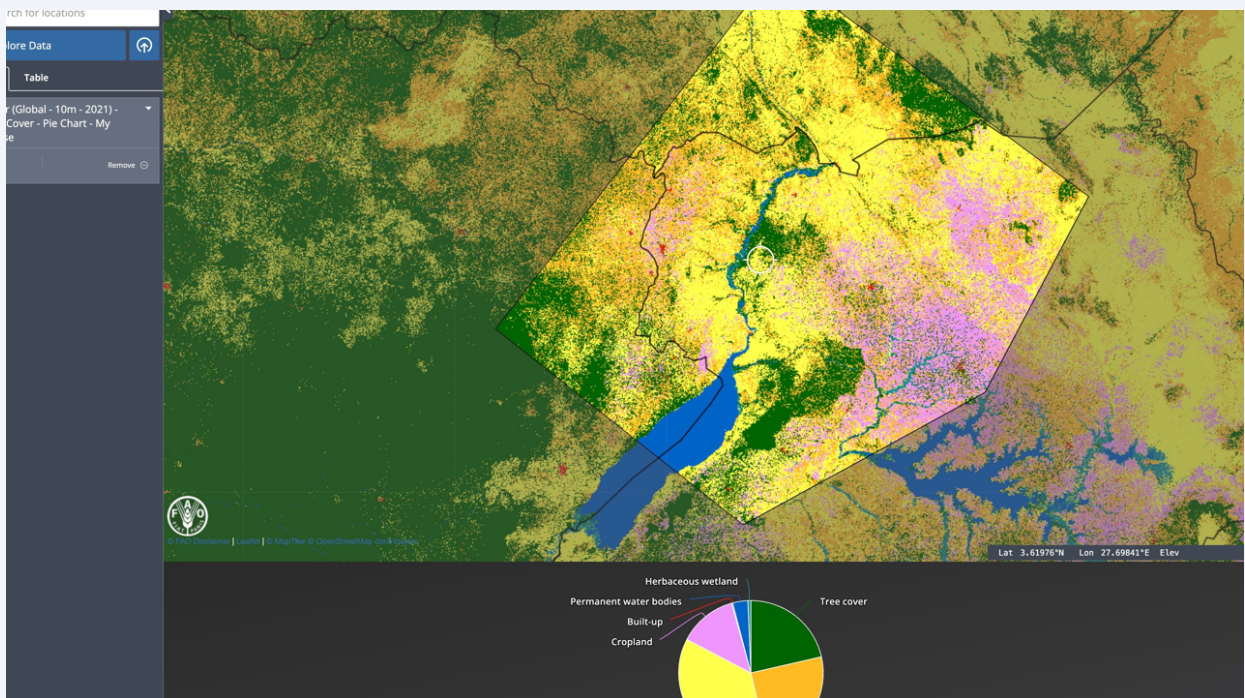
26 An other feature you can use to analyze your data is the focus feature



## 27 Click on "Focus"



## 28 The Platform will zoom on your area and highlight, while the pie chart will be displayed at the bottom of the map



All maps in this publication have been created using shapefiles from the United Nations.

Source: FAO Hand-in-Hand Geospatial Platform. 2023. Map geodata [shapefiles]. New York, USA, United Nations.

The boundaries and names shown and the designations used on these map(s) do not imply the expression of any opinion concerning the delimitation of its frontiers and boundaries. Dashed lines on maps represent approximate border lines for which there may not yet be full agreement.