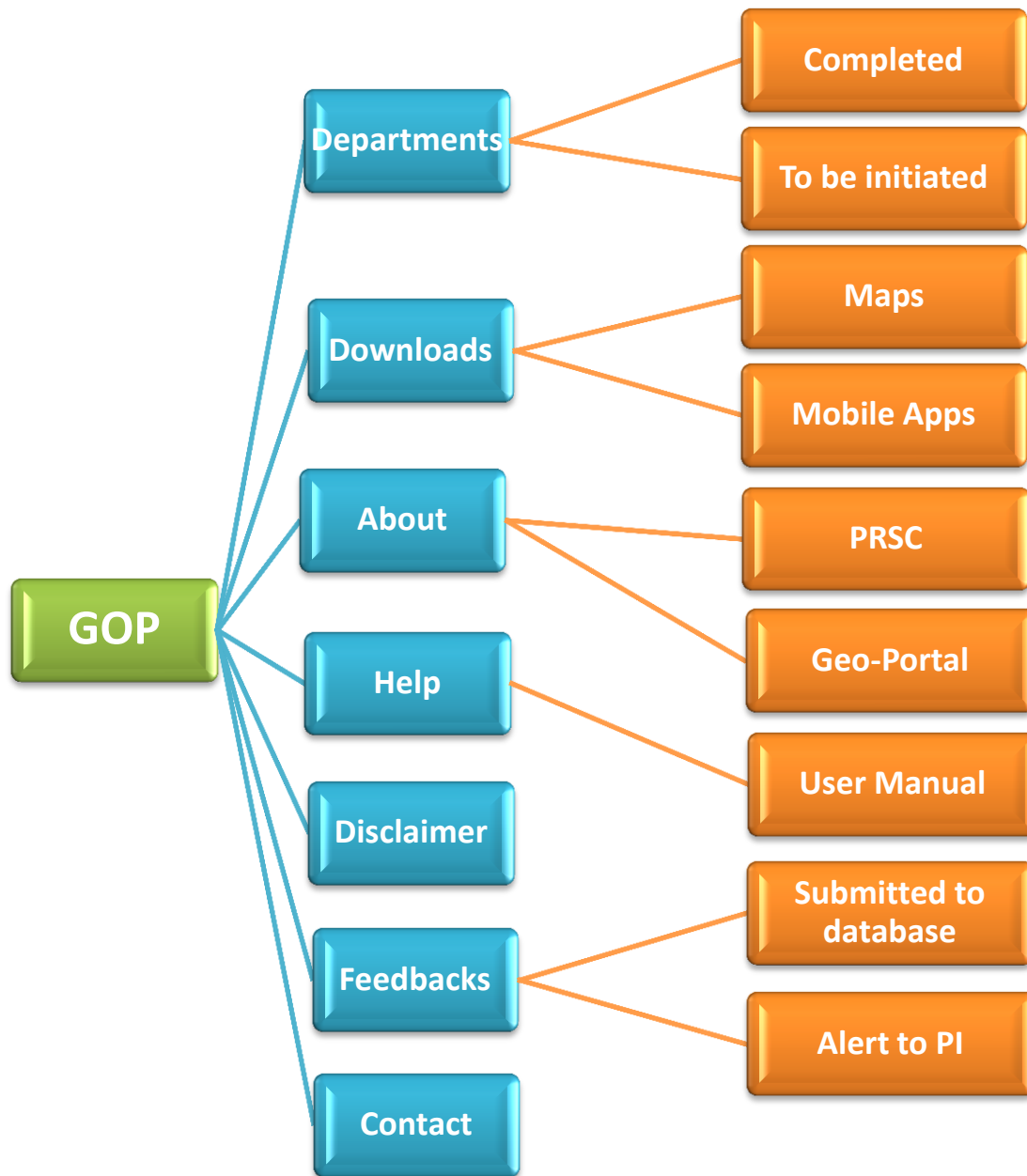


# Punjab GeoPortal Help Document

## Site Map Diagram

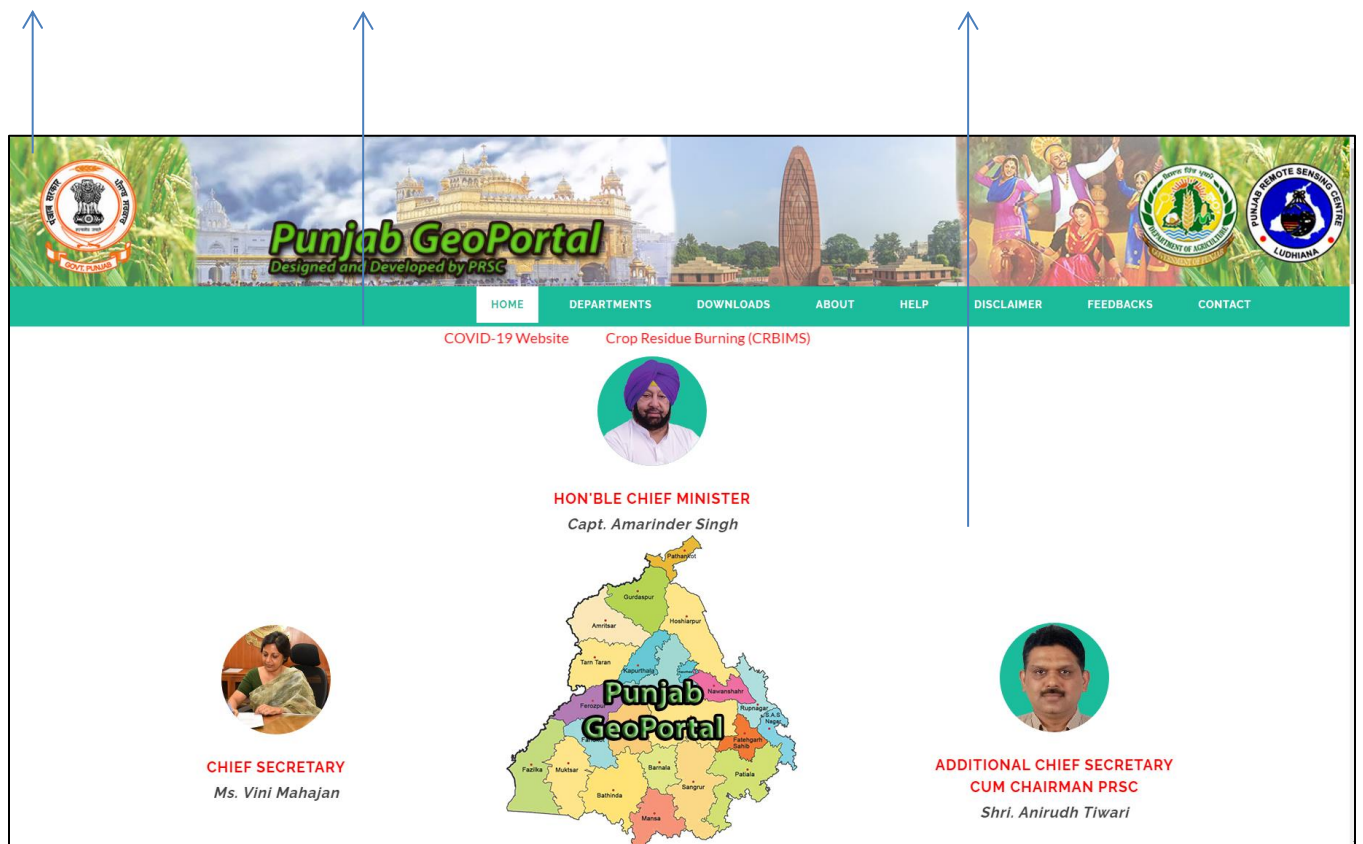


**Objective :** To navigate to various supporting pages of website.

Banner

Navigation bar





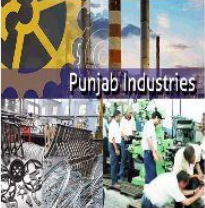







Authorities Section



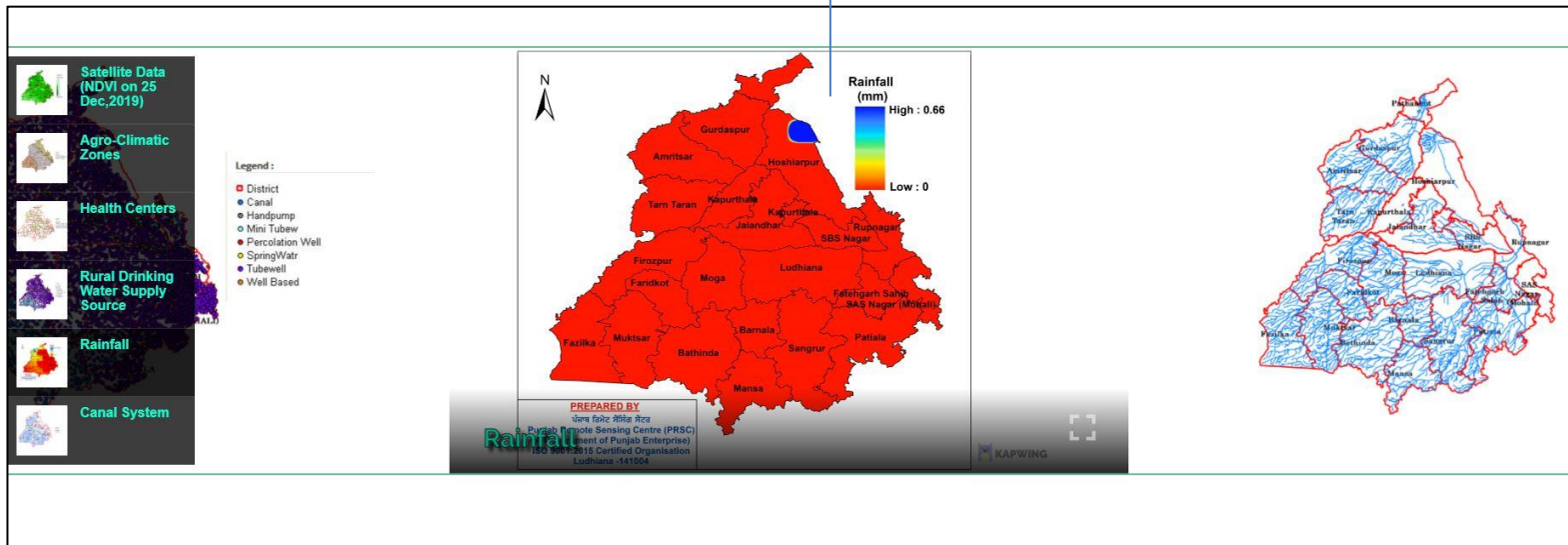
**Objective :** To navigate to various departments web pages of website.

## Departments Section



			
Agriculture & Farmer Welfare	Punjab Election	Health and Family Welfare	Housing and Urban Development
			
Industries and Commerce	School Education	Science, Technology & Environment	Water Resources
			
Water Supply and Sanitation	Civil Aviation	Tourism and Cultural Affairs	Revenue Rehabilitation and Disaster Management

Slider



# About Geoportal



## ABOUT GEOPORTAL



### PUNJAB GEOPORTAL

Punjab geoportal has been established to provide easy access to catalogue of organized spatial data for use at Local, State, Regional and at National levels.



### E-GOVERNANCE



### GEOSPATIAL TECHNOLOGY

Geospatial technology helps in analysis, modeling, simulations and visualization of earth referenced data. It involves Geographic Information System (GIS), Remote Sensing (RS) and Global Positioning System (GPS).



# Line Departments (clicking logo redirects to the website of respective departments)

Line Departments

PRSC  
Punjab Remote Sensing Centre PAU  
Campus, Near Kitchlu Nagar block  
F,Ludhiana, Punjab (India) 141004  
Phone: 91-161-2303484  
Fax: 91-161-2303483  
Email: contact@prsc.gov.in,  
dirprsc@punjab.gov.in

SUPPORT  
✧ Contact Us  
✧ Feedback

ORGANIZATION  
• Help

Like us on Facebook

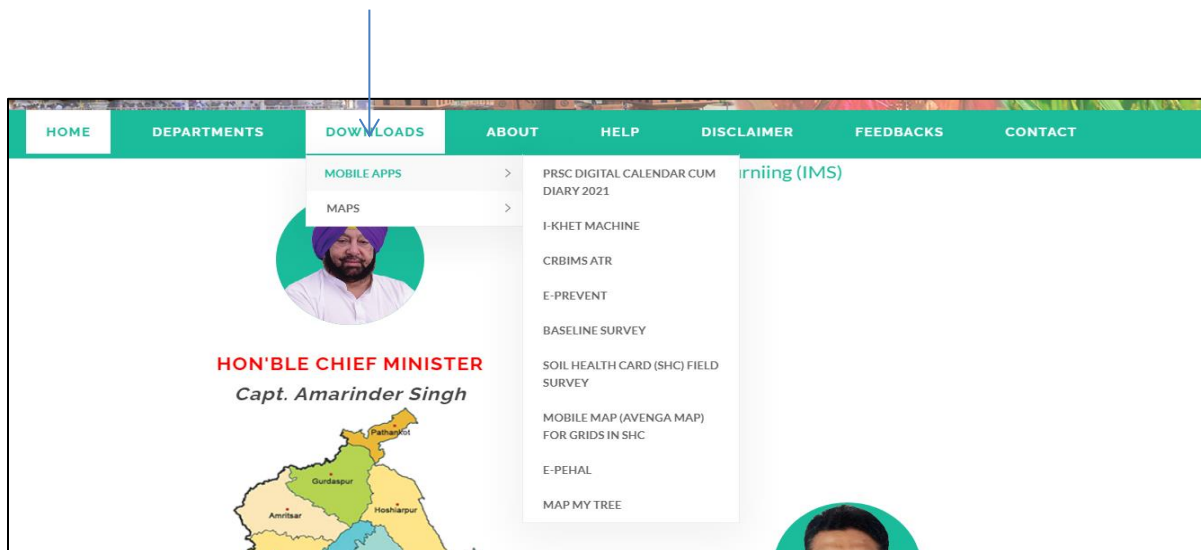
Copyrights © 2020 All Rights Reserved by PRSC

# Footer Section

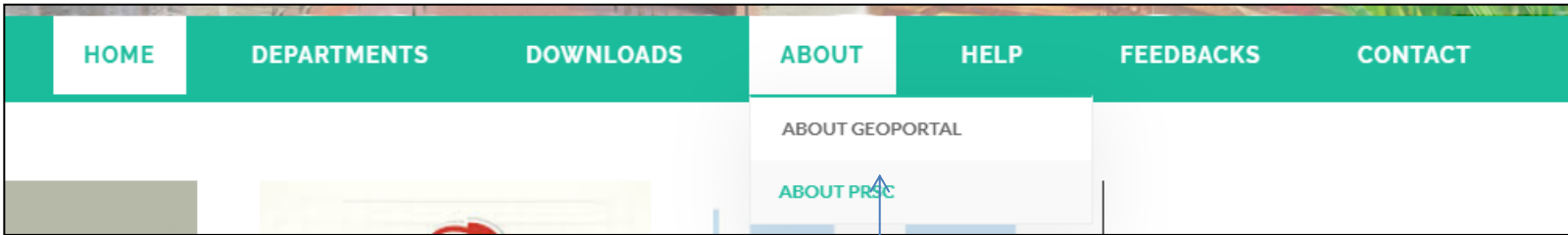


Departments completed and Departments initiated under department tab.

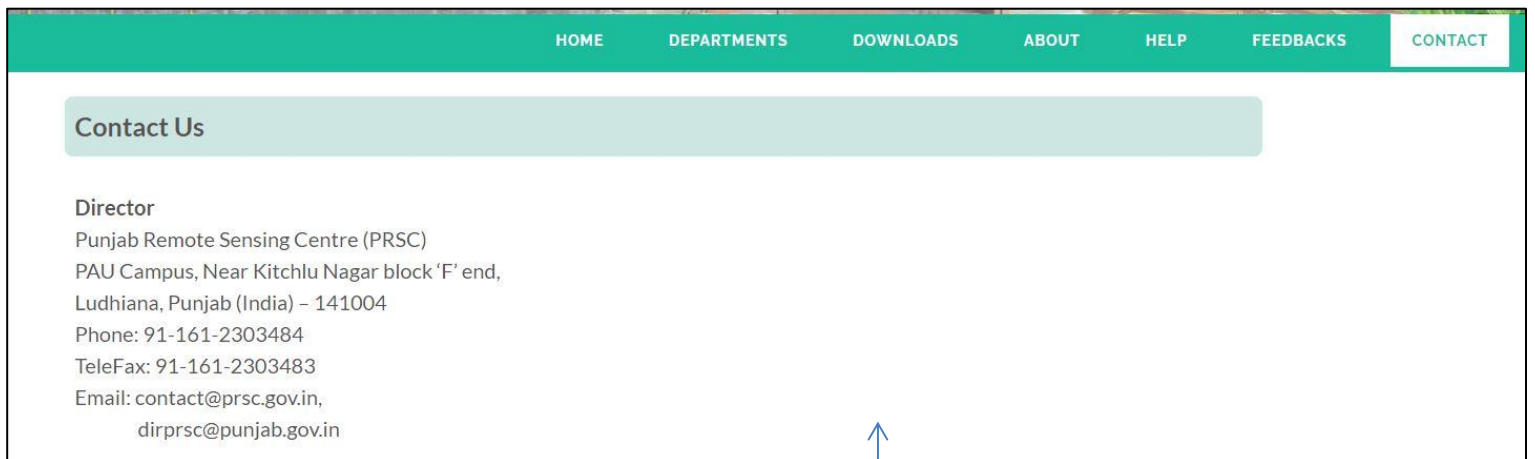
Download mobile apps under download tab.







About Geoportal and About PRSC under about tab.



Contact page

### Feedback form under feedback tab

The screenshot shows a web interface with a teal navigation bar at the top containing the following tabs: HOME, DEPARTMENTS, DOWNLOADS, ABOUT, HELP, FEEDBACKS, and CONTACT. A blue arrow points to the FEEDBACKS tab. Below the navigation bar, the main content area has a light grey background. On the left side of this area, there is a 'Feedback Form' section with a light teal header. The form consists of five input fields stacked vertically: 'Name', 'Email', 'Phone', 'Name of Department', and 'Your Message/ Feedback...'. At the bottom of the form is a rounded 'Submit' button with a green-to-yellow gradient.

# Department of Agriculture and Farmer Welfare

Department of Agriculture and Farmer Welfare

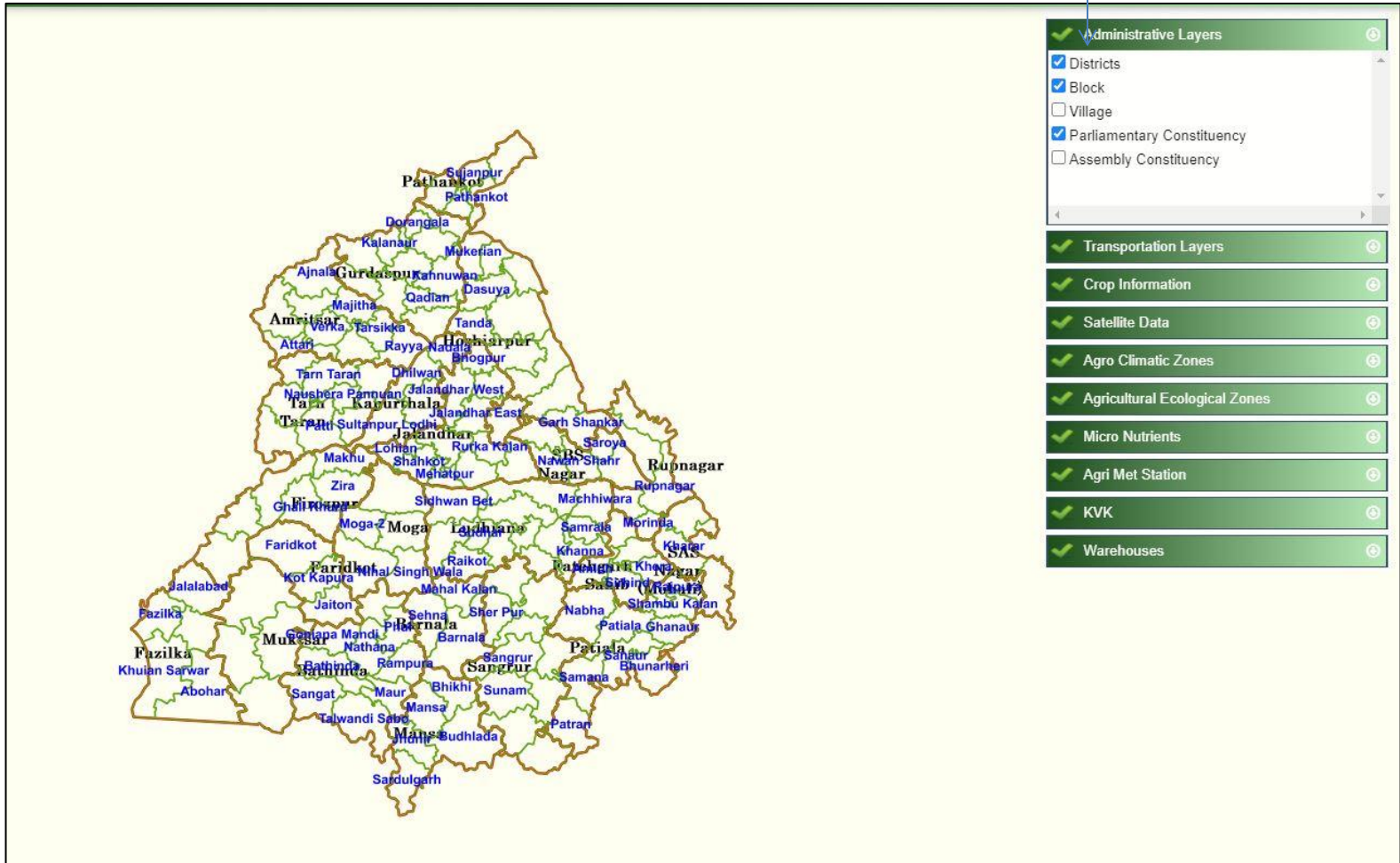
Legend :

- District

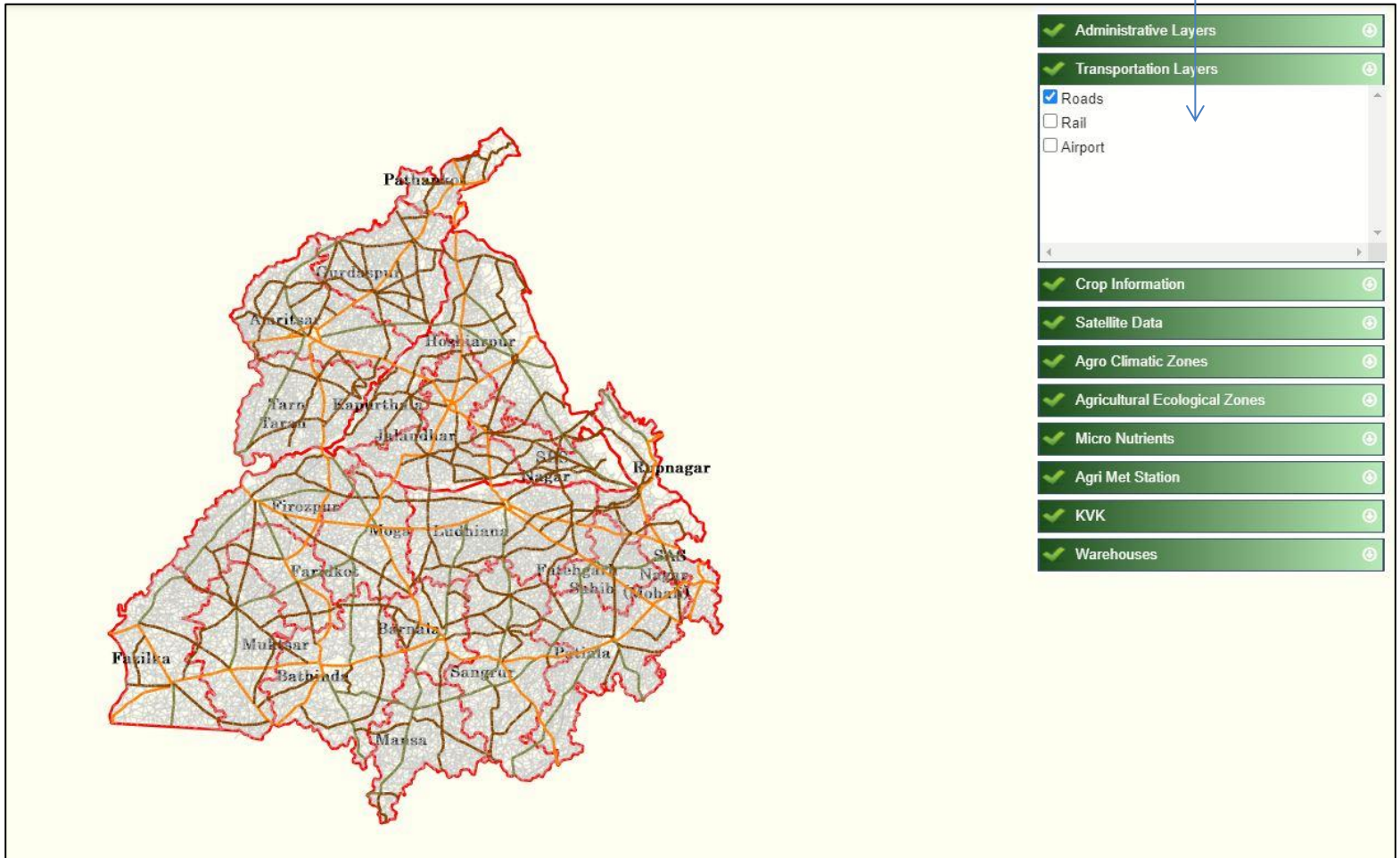
Layers Panel:

- Administrative Layers
- Transportation Layers
- Crop Information
- Satellite Data
- Agro Climatic Zones
- Agricultural Ecological Zones
- Micro Nutrients
- Agri Met Station
- KVK
- Warehouses

# Administrative Layers



# Transportation Layers



The screenshot displays the Punjab GeoPortal interface. On the left, a map of Punjab is shown with a network of roads highlighted in orange and yellow. The map is overlaid with a grid and various administrative boundaries. On the right, a legend panel is visible, listing several layers. The 'Transportation Layers' section is expanded, showing three options: 'Roads' (checked), 'Rail' (unchecked), and 'Airport' (unchecked). A blue arrow points from the title 'Transportation Layers' to the 'Transportation Layers' section in the legend. Below the legend, other layers like 'Crop Information', 'Satellite Data', and 'Agro Climatic Zones' are listed with green checkmarks and expand/collapse icons.

Layer Name	Status
Administrative Layers	Checked
Transportation Layers	Checked
Roads	Checked
Rail	Unchecked
Airport	Unchecked
Crop Information	Checked
Satellite Data	Checked
Agro Climatic Zones	Checked
Agricultural Ecological Zones	Checked
Micro Nutrients	Checked
Agri Met Station	Checked
KVK	Checked
Warehouses	Checked



**Objective** : For comparative analysis of vegetation over the years using indices like NDVI and EVI.

## Satellite Data

Step 1 : Select parameter

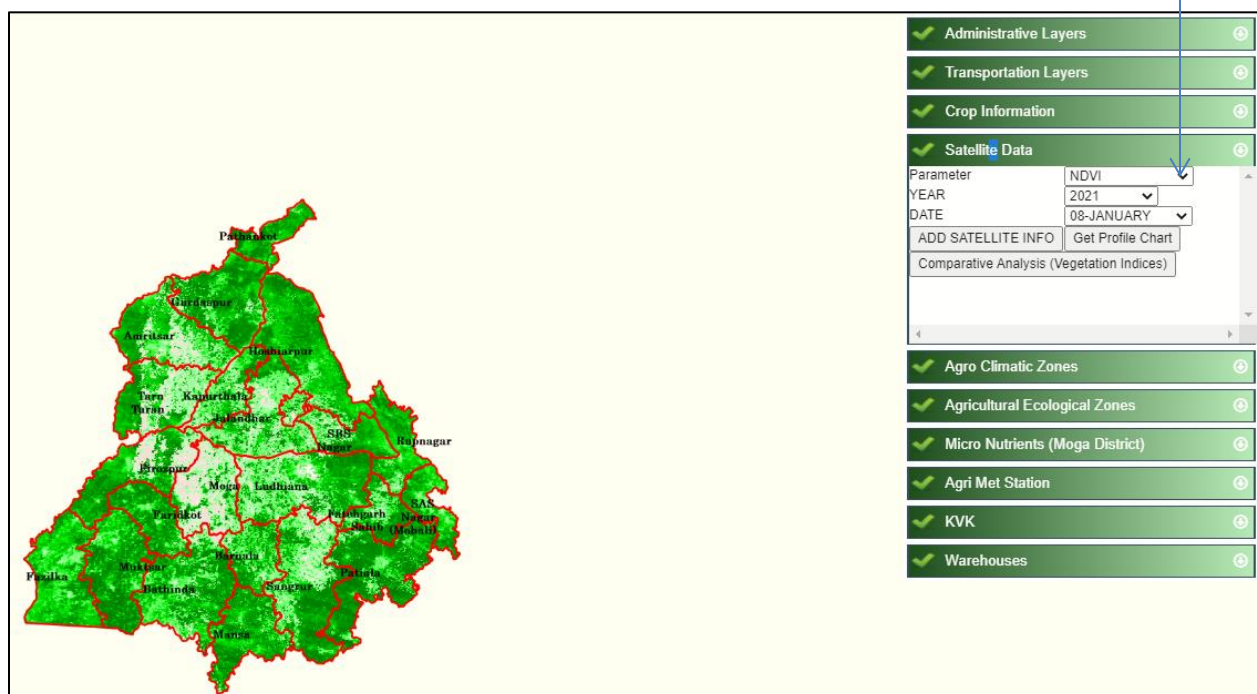
Step 2 : Select year

Step 3 : Select date

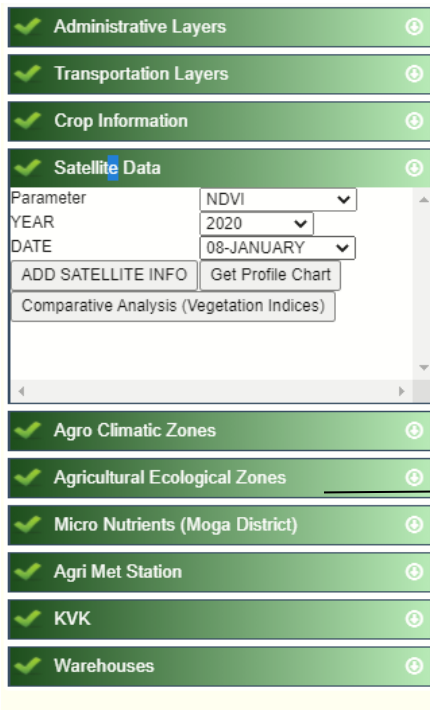
Step 4 : Add satellite info

Step 5 : Get Profile Chart

## Satellite Data Layers



The screenshot displays the 'Satellite Data Layers' interface. On the left is a map of Punjab, India, with various districts labeled. On the right is a control panel with a list of layers. The 'Satellite Data' layer is selected and expanded. The expanded view shows a dropdown menu for 'Parameter' set to 'NDVI', a 'YEAR' dropdown set to '2021', and a 'DATE' dropdown set to '08-JANUARY'. Below these are buttons for 'ADD SATELLITE INFO' and 'Get Profile Chart', and a text input field for 'Comparative Analysis (Vegetation Indices)'. A blue arrow points to the 'Parameter' dropdown menu.

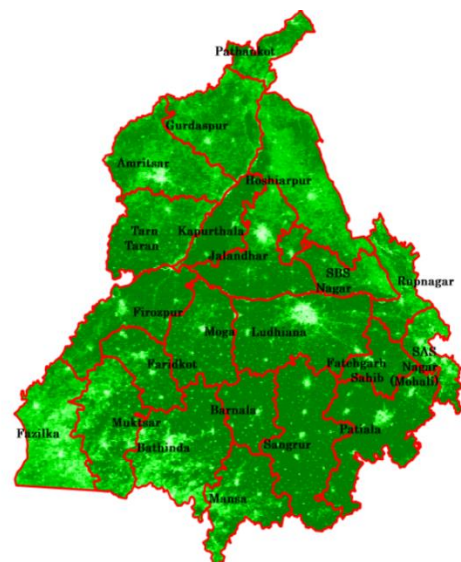


**Objective :** To compare vegetation indices from different year and different date on one screen.

### Comparative Analysis of Vegetation Indices

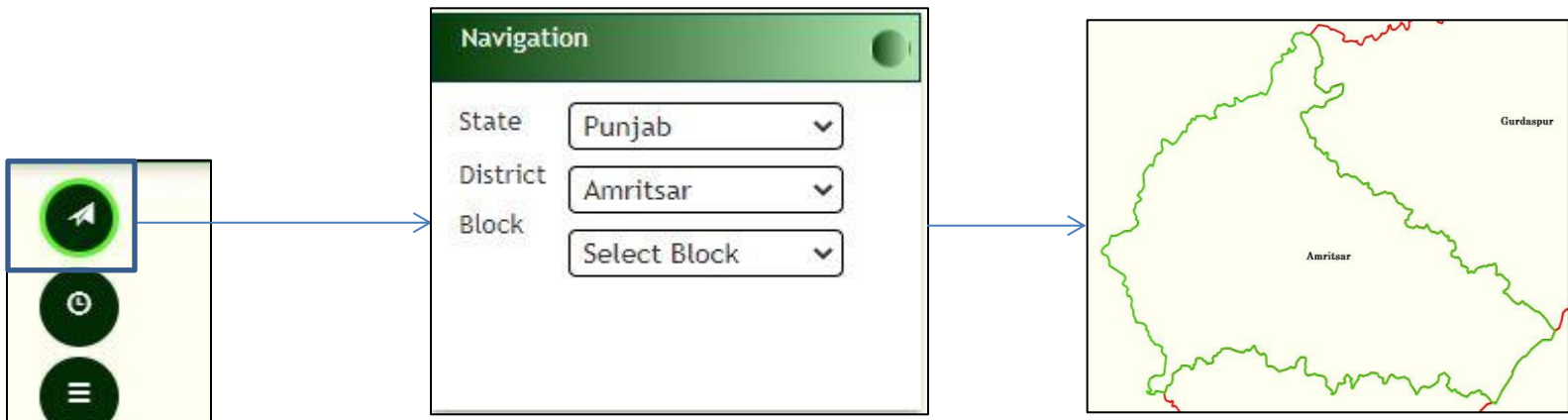
Parameter: NDVI | YEAR: 2020 | DATE: 30-APRIL | View

Parameter: NDVI | YEAR: 2020 | DATE: 08-JANUARY | View





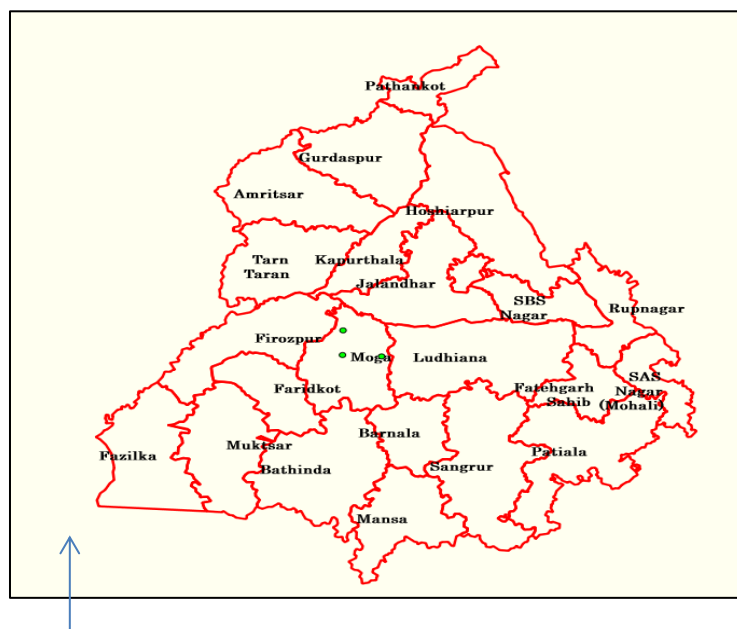
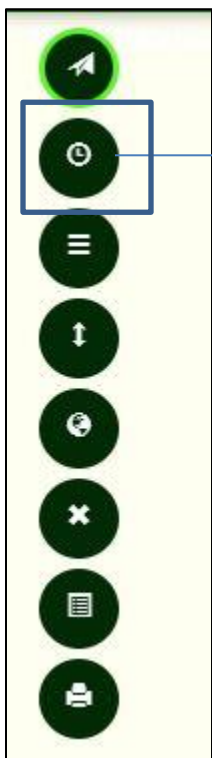
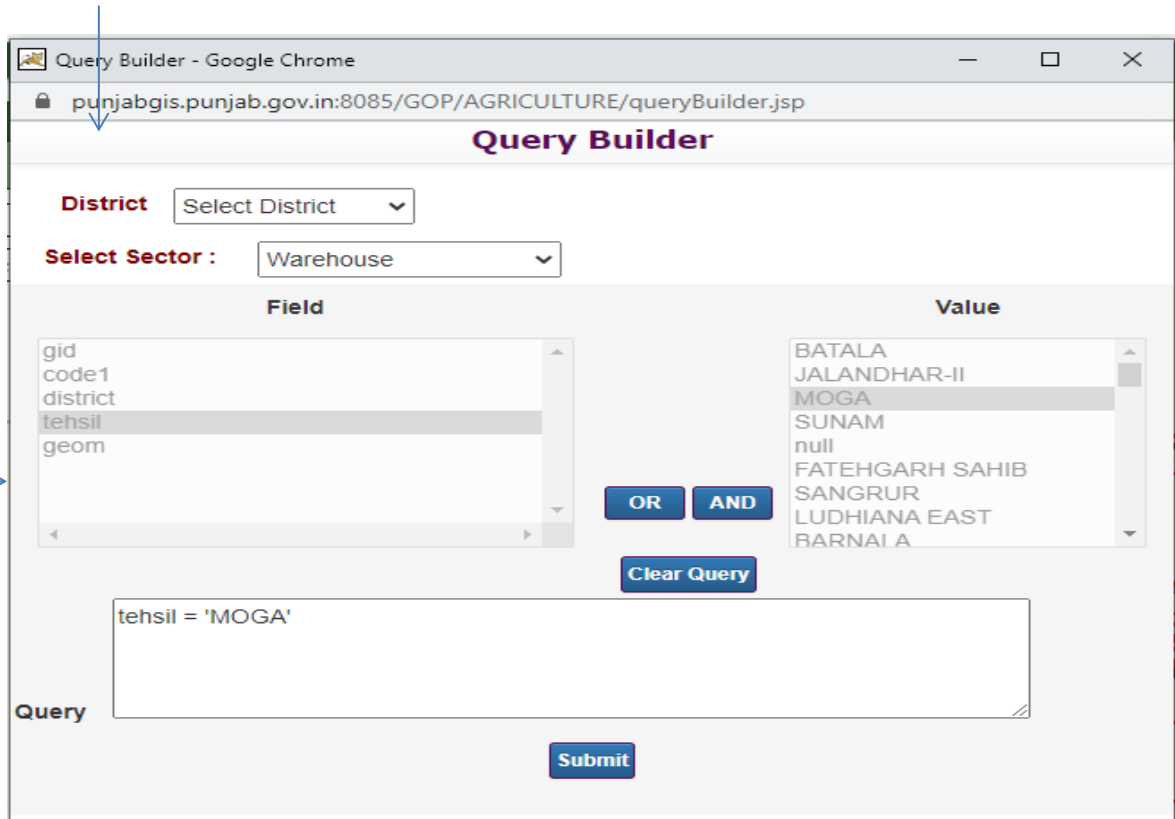
**Objective :** To navigate till a particular block level.



**Objective :** To measure Distance or Area on map



**Objective :** To search a field with a particular value in a specific district.



Result shown in map and Table will be shown in popup

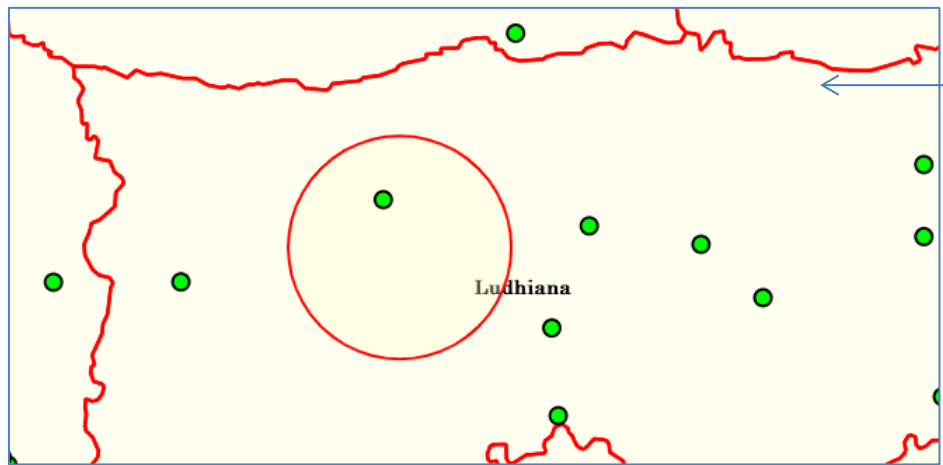
**Objective :** To search a field in a buffer range.

**Create Buffer**

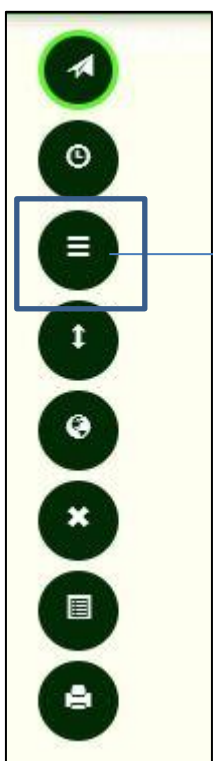
Select Table :

Buffer Range in km:

Select Range



Result shown in buffer



**Buffer Data**

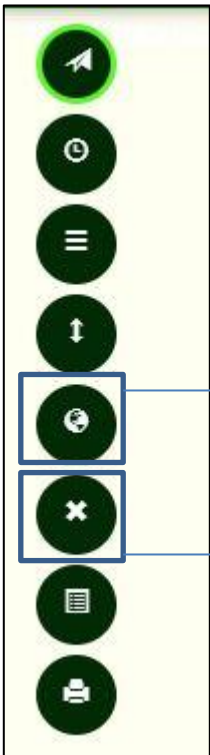
The column index is out of range: 6, number of columns: 5.

Search:

gid	code1	district	tehsil	geom
67	6	LUDHIANA	LUDHIANA WEST	0101000020E6100000DC6EC79250EA52403621C922C3E03E40

Showing 1 to 1 of 1 entries

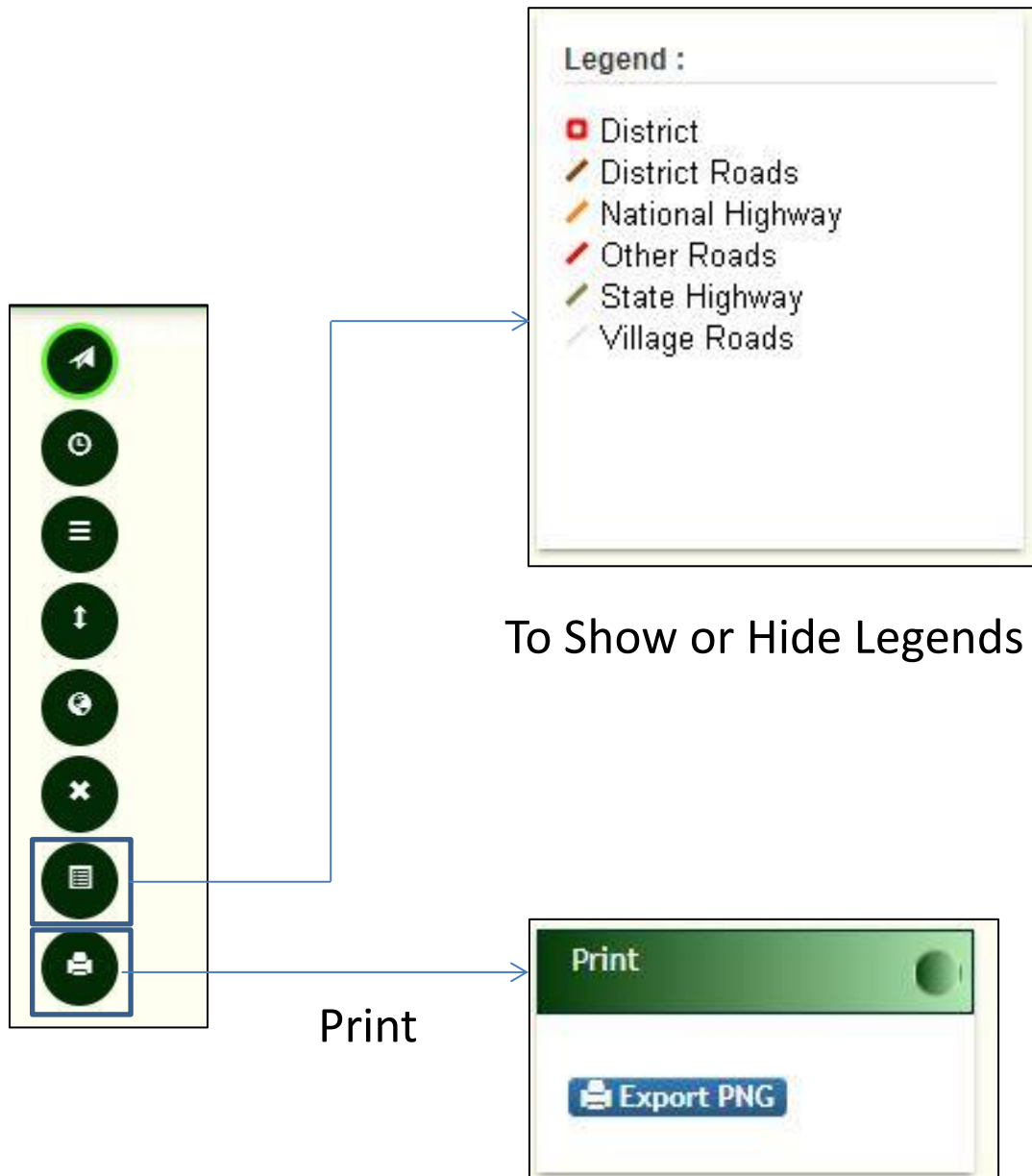
Can export in excel, CSV, pdf file



To take map in the default extent/position

To remove drawn layers from map





**For further queries please contact :**

Punjab Remote Sensing Centre (PRSC)  
PAU Campus, Near Kitchlu Nagar block 'F' end,  
Ludhiana, Punjab (India) – 141004

Phone: 91-161-2303484

TeleFax: 91-161-2303483

Email: [contact@prsc.gov.in](mailto:contact@prsc.gov.in),

[dirprsc@punjab.gov.in](mailto:dirprsc@punjab.gov.in)