

How to browse:

The image shows a screenshot of the BHOOSAMPADA website in a Windows Internet Explorer browser. The browser's address bar shows the URL <http://218.248.0.130:15001/default.asp>. The website header includes the BHOOSAMPADA logo and the NRSC logo. The main content area is titled "Rapid Assessment of National Level Land Use Land Cover- India Using Multi-Temporal AWIFS Data".

Annotations on the page include:

- Side Menu bar:** A vertical list of green buttons on the left side of the page, including Home, Approach, Salient Features, Products, Data Utility, How to Browse, Spatial Query Shell, Publications, FAQ, Web Development, Contributors, and Disclaimer. A red arrow points to the "How to Browse" button.
- Home Page of BHOOSAMPADA:** A red arrow points to the main content area of the website.
- Top Menu bar:** A horizontal green bar at the top of the main content area containing links: NRSC Home, LULC Map Viewer, User Registration, Get Data, Feedback, and Contact. A red arrow points to this bar.
- Bottom Menu bar:** A horizontal green bar at the bottom of the page containing links: ISRO | NNRMS | IIRS | BIS | BIOSPEC | IBIN | WALIS | UIS | DSC | NDEM. A red arrow points to this bar.

Other visible elements include a visitor counter showing "You are visitor No. 0000074" and a "ClustrMaps" logo.

1.Side Menu bar

1.1	Home
1.2	Approach
1.3	Salient Features
1.4	Products
1.5	Data Utility
1.6	How to Browse
1.7	Spatial Query Shell
1.8	Publications
1.9	FAQ
1.10	Web Development
1.11	Contributors
1.12	Disclaimer
1.13	You are visitor No. 0000074
1.14	Visitor locations  ClustrMaps™ Click to see

1.1 Home

This page explains the project background i.e. how it is envisaged.

1.2 Approach

This page explains the different techniques adopted for landuse landcover classification of the satellite data.

1.3 Salient Features

Various findings during this study are discussed in detail in this page.

1.4 Products

The data product and services available in this web portal are listed here.

1.5 Data Utility

Usefulness of the data products and services are discussed here.

1.6 How to Browse

This page explains how to effectively browse this web portal for various usages in detail.

1.7 Spatial Query Shell

The spatial query shell provides a web GIS base environment to access and query the data. Various GIS tools are available for querying and analysis along with Help document. You need a user name and password to access the spatial query shell. You can register for user name and password from registration page. Users already registered can have their username/password through the forget username/password page in case if they lost the authentication information.

1.8 Publications

This page contains all the publication made under this project for download.

1.9 Frequently Asked Questions (FAQ)

This page gives the first cut information regarding the objectives of the services available through this web portal.

1.10 Web Development

This page gives the glimpse of the various technologies/tools used to develop this web portal to enable the GIS functionalities at user end through simple web browser.

1.11 Contributors

Various organisations responsible for LULC assessment on 1:250,000 scale to provide rapid assessment for LULC to understand and assess intra and inter annual changes are listed out here.

1.12 Disclaimer

This explains very detail about various riders of usage of this web portal.

1.13 Visitor Number

This menu displays the number of visitors from the day of launch.

1.14 Visitor Location

This third party application shows the locations of the visitors to this web portal from around the globe in graphical way.

2. Top Menu bar

2.1	2.2	2.3	2.4	2.5	2.6
NRSC Home	LULC Map Viewer	User Registration	Get Data	Feedback	Contact
2.2.1	1:100,00000 (1:1M) Scale		2.4.1	Guidelines- Policy	
2.2.2	1:250,000 (1:250K) Scale		2.4.2	Submit Request	
			2.4.3	Status	

2.1 NRSA Home

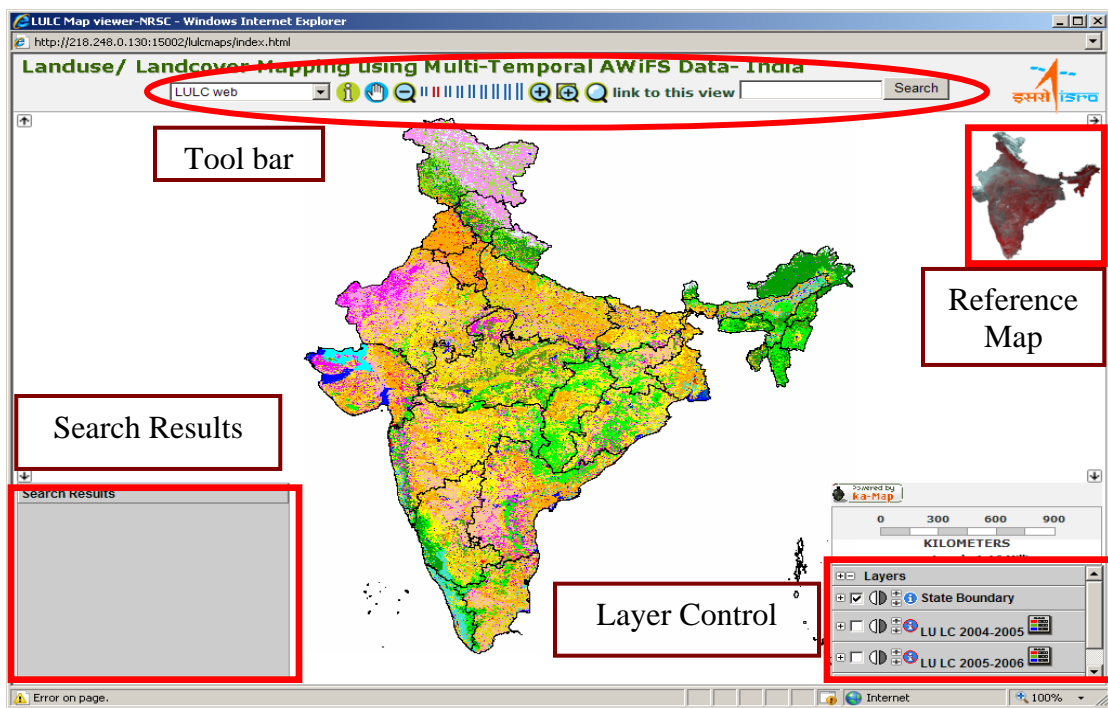
This link redirects to National Remote Sensing Centre (NRSC) home page where you can get the glimpse of entire activities of NRSC.

2.2 LULC Map Viewer

Spatial data sets and Associated Non-spatial datasets prepared under Natural Resource Census (NRC) programme can be viewed through this menu. The LULC map viewer is available in two scales namely 1:10000000(1:1M) Scale and 1:250000 (1:250K) Scale based on the level of authentication.

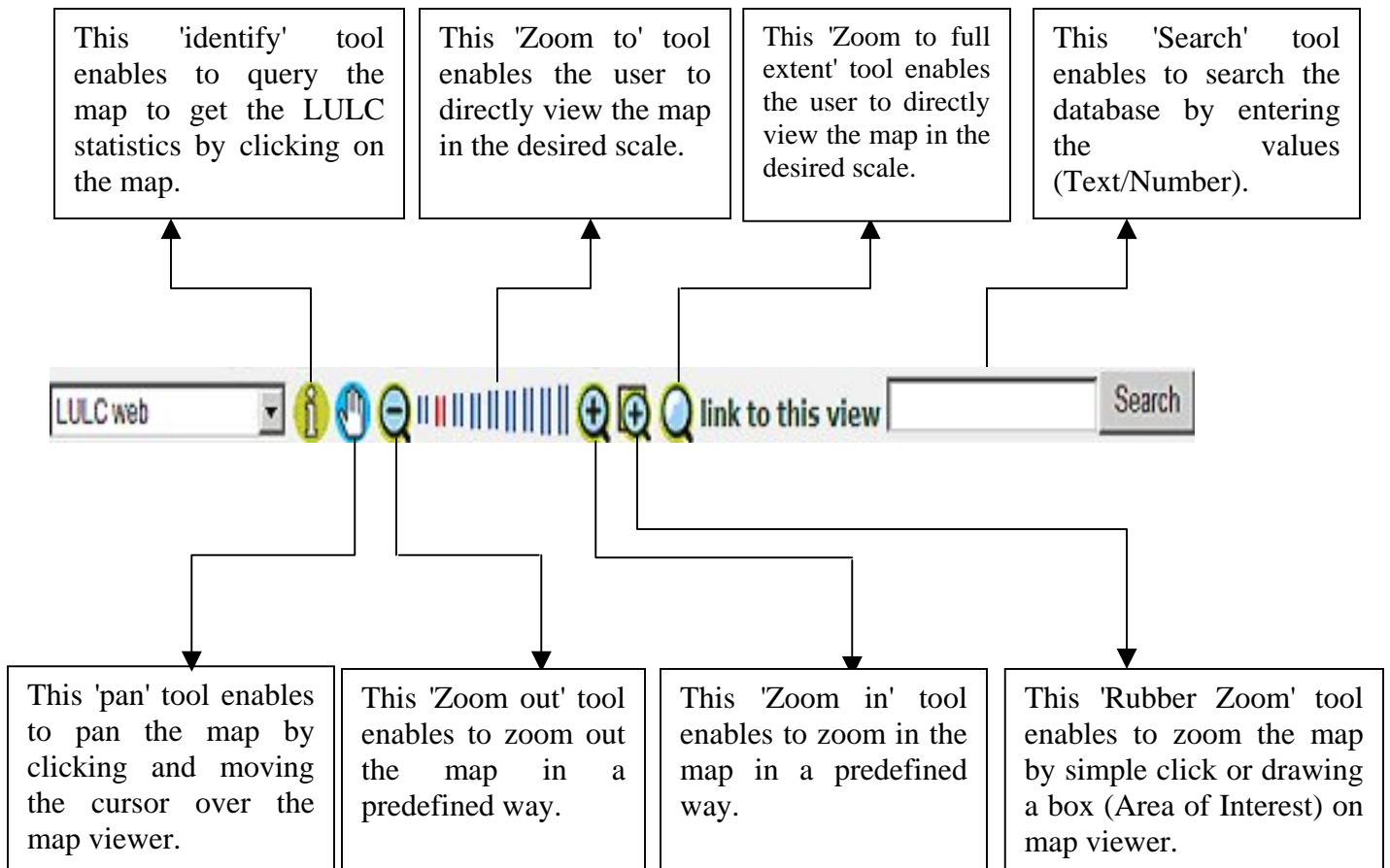
2.2.1 1:10000000 (1:1M) Scale

This LULC map viewer in 1:M scale is available in open public domain, for that the registration is not mandatory. You can browse the maps up to 1:1M scale and access basic queries on LULC statistics trough this map viewer.



1:1 M LULC Map Viewer

2.2.1.1 Tool bar



2.2.1.2 Search results

Search facility available in tool bar will display the results in this area.

2.2.1.3 Reference Map

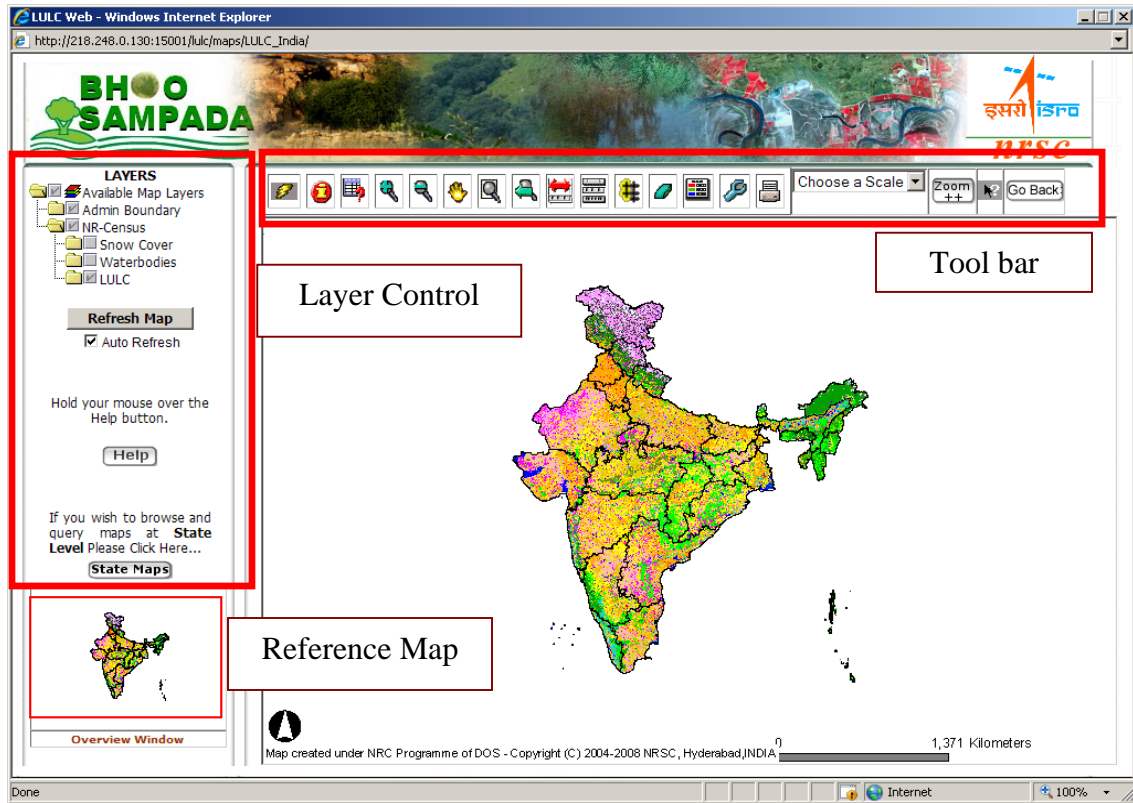
This overview window will facilitate the users to know the exact position of map browsing area when users browse the map in the map viewer.

2.2.1.4 Layer Control

Users can select or deselect the particular layer. The layer overlay operation can be performed by selecting the respective layer (s).

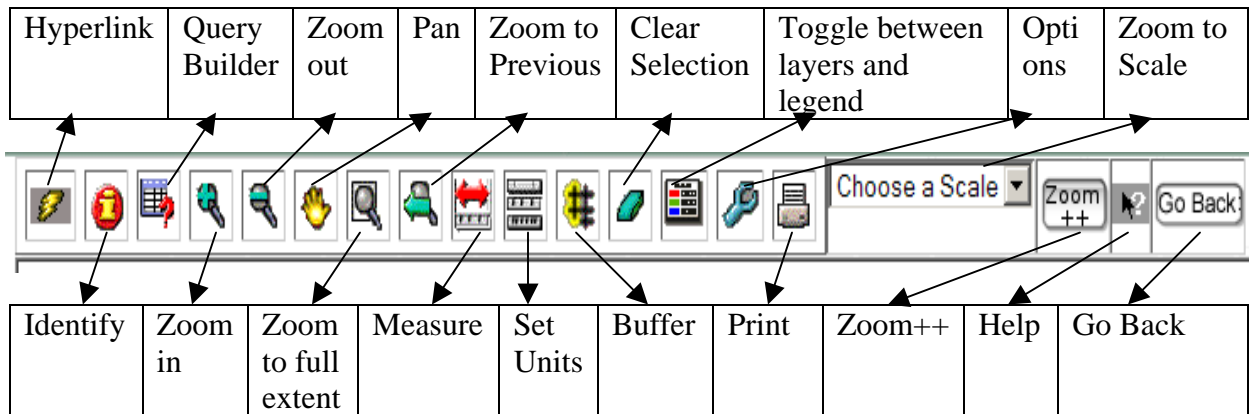
2.2.2 1:250000 (1:250K) Scale


This LULC map viewer in 1:250K scale is available for the registered users. Registration is mandatory for accessing this page. You can browse the maps up to 1:250000(original mapping scale) scale and enhanced queries like LULC statistics up to district level, change analysis and etc. with powerful web GIS tools.





1:250K LULC Map Viewer


2.2.2.1 Tool bar





Hyperlink  - This 'hyperlink' tool enables to get the LULC statistics of a selected area (up to district) and other enhanced queries such as Census, Change detection, Percapita analysis, graphical visualisation and etc by clicking on the desired area of the map viewer.


Identify  - This 'identify' tool enables to get the attribute information about the various layers by simple click on the map viewer.


Query  - This 'Query builder' tool enables to query the database based on a query expression. Selection of this tool will open one customized GIS query builder where users can define query expressions and execute it for visualisation. The output may be used for further analysis like overlay, buffer analysis and etc.


Zoom In  - This 'Zoom in' tool enables to zoom the area of the map that you click or draw a box around. The zoom level will depend upon the size of box drawn. If the size of box is large, the zoom level is lesser.


Zoom Out  - This 'Zoom out' tool enables to Zoom out the area of the map by simple click or draw a box around on the map.


Pan  - This 'pan' tool enables to navigate around the map viewer by clicking and moving (dragging) over the map viewer.


Zoom to Full Extent  - This 'Zoom to full extent' tool enables to view the map in its fullest extent from various zoom levels by simple click.


Zoom to Previous  - This 'Zoom to previous' tool enables to go back to the previous extent of the map shown in the viewer by simple click.


Measure  - This 'measure' tool enables to make a distance measurement by clicking two points on the map after setting up the desired measuring units.


Set Units  - This 'Set Units' tool enables to set the units (map units, display units) for the measurement tool by simple click of the tool.

Buffer  - This 'Buffer' tool enables to do the proximity analysis by selecting the features of one layer that are within the specified buffer distance of selected features of another layer.

Clear Selection  - This 'clear selection' tool enables to clear the selected set of features by simple click.


Toggle between Legend and Layer List  - This 'Toggle between Legend and Layer list' tool enables to switch back and forth between a legend with symbology and a layer list with visibility options by simple click.

Options  - This 'Options' tool enables to change the various viewing/selection options of features in the map viewer by changing the option value through the panel.

Print  - This 'Print' tool enables to print the map by selecting the area of interest in the Mapviewer by simple click.

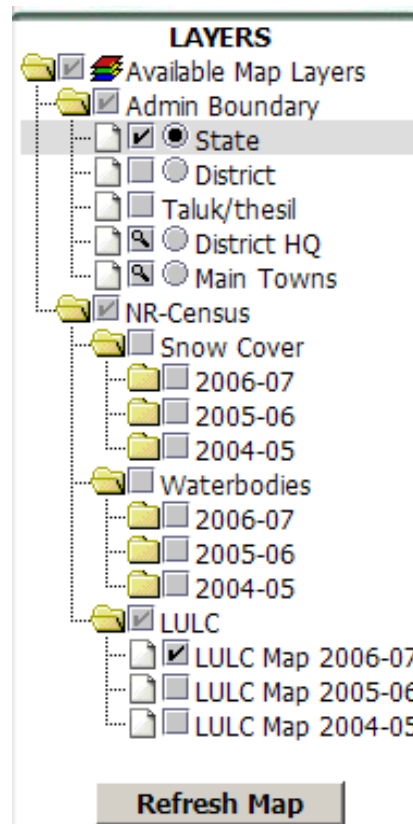
Zoom to Scale - This 'Zoom to Scale' tool enables to view map in the desired scale by changing the value by simple selection of respective scale value.

Zoom++ - This 'Zomm ++' tool enables automatic zooming of map into next level by clicking on this button.

Help  - This 'Help' tool gives detailed help about accessing of the various tools in this map viewer.

Go Back - This 'Go Back' tool closes the map viewer and get back to the log in page.

2.2.2.2 Layer Control



The tree structure adopted in the 'Layer Control' page facilitates the accommodation of various layers prepared under Natural Resource Census (NRC) programme in the structured way. Users can select or deselect the particular layer. The layer overlay operation can performed by selecting the respective layer (s).

2.2.2.3 Reference Map

This overview window will facilitate the users to know the exact position of map browsing area when users browse the map in the map viewer.

2.3 User Registration

This menu enables the new users to create user name and password, which are mandate for accessing the 1:250000 map viewer. All the information required for user registration is compulsory. Please enter required information very carefully. The user name password supplied once can be deleted or edited from this page. On the successful registration, username and password will be mailed to the user entered mail id.

2.4 Get Data

This menu explains the guidelines of usage of data, how to place the request and check the status of the requested data.

2.4.1 Guidelines-Policy

This page explains in detail about the usage of the services offered by NRSC through this web portal.

2.4.2 Submit Request

This page enables the registered user to place the data request for various academic, research purposes and etc. by providing the Administrative unit or defining the bounding box in terms of Latitude and Longitude. On the successful completion of data request, a unique id will be generated and send to the user entered mail id for reference and checking the status of request online.

2.4.2 Status

This popup menu provides the status of data request by entering the unique id generated during the process of 'Submit request' and sent as an email.

2.5 Feedback

This page facilitates the users to enter their feedback. This feedback would help to improve and to make this web portal more user friendly and informative. In case, the front end user, have got any suggestions, regarding the data, design, contents, aesthetics etc. please feel free to fill out this form for our reference.

2.6 Contact

This page provides the contact information of Project Director and Web master for further queries and discussions.

3.Bottom Menu bar

[ISRO](#) | [NNRMS](#) | [IIRS](#) | [BIS](#) | [BIOSPEC](#) | [IBIN](#) | [WALIS](#) | [UIS](#) | [DSC](#) | [NDEM](#)

This menu bar provides the linkage of this web portal to various other relevant portals where user can get more information on Space Programmes, Applications and Etc.

For further details, Feel free to contact the developer of this portal:

Mr.Harish Karnatak
Scientist
Geoinformatics Division
Email- harish_k@nrsa.gov.in

Mr.M.Arulraj
Scientist
Geoinformatics Division
Email- arulraj_m@nrsa.gov.in