



BHUVAN RKVY
User Registration
Manual

National Remote Sensing Centre
Indian Space Research Organization
Hyderabad
April, 2017

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Geotagging of RKVY Assets using Bhuvan Geo-portal technologies

1. Introduction

Rashtriya Krishi Vikas Yojana (RKVY) is essentially a state Plan Scheme that seeks to provide the States and Territories of India with the autonomy to draw up plans for increased public investments in Agriculture by incorporating information on local requirements, geographical/climatic conditions, available natural resources/ technology and cropping patterns so as to significantly increase the productivity of Agriculture and its allied sectors. Apart from providing autonomy and flexibility to the states, the scheme also aims at maximizing returns to farmers in agriculture and allied sectors. The scheme covers various sectors of agriculture, horticulture, animal husbandry, dairy, fisheries, soils and nutrient management etc. The schemes allow flexibility to states to take up projects in three streams – production oriented, infrastructure building and flexi activities.

The Department of Agriculture, Co-operation and Farmer's Welfare in consultation with the erstwhile Planning Commission, has accorded the approval of the RKVY scheme, to be known as NADP (RKVY) under which amongst others, various assets have been created with the assistance from DAC&FW.

To address the roles and responsibilities, an exclusive Bhuvan – GeoRKVY application has been developed. This document is a user manual describing the detailed procedural steps for Geotagging and Monitoring of RKVY Assets using Bhuvan. This user manual elaborates the procedure of accessing the Bhuvan Geo-Platform, user registration, authorization, moderation of geotagged assets through web & tabular view and report generation.

2. Authorizing RKVY Users

The authority for Uploading and moderation was devised based on the RKVY departmental needs and protection against any threats of the digital data keeping the view of the Indian digital data policies.

The URL for uploading and visualization and moderation is given as URL – <http://bhuvan.nrsc.gov.in/governance/rkvy/>

While the url for user registration approval is given as

URL – <http://bhuvan.nrsc.gov.in/governance/rkvy/register/>

The Following protocols for the user levels and their corresponding roles:

User Level	Role	Role Name	Jurisdiction	Access details	Remarks
Data Provider Module					
Field Office at Tehsi/Mandal/sub division	Data collection	Enumerator	District	Provision to view the respective district assets.	
District sector office (DSO)	Moderator	Sector wise district official	District	Moderate sector wise district level assets.	All the assets moderated at this level, further submitted to moderation at State sector office.
				Visualization of district level all assets.	
				Statically table of sector wise district total assets.	
State Sector office (SSO)	Moderator & Sector Co ordinator	Sector wise state official	State	Moderate sector wise all assets.	Authority for approval of district officer sector wise.
				Visualization of all assets for state.	
				Statically table of sector wise district wise assets .	

User Level	Role	Role Name	Jurisdiction	Access details	Remarks
Administrative Role					
RKVY DAC & FW	Central Chief Administrator	Central Team	Country	Super user for entire country.	Authority for approval of state Nodal officers.
				Visualization of assets of country.	Contact point in all matters with NRSC/ISRO.
				Summary of statically table of state, district, sector wise assets for country / state / combinations.	NRSC may be contacting all RKVY officials with the knowledge of RKVY New Delhi.
State Nodal office	State Administrator	State Team Head	State	Super user for entire state.	Authority for approval of state sector officer sector wise.
				Visualization of all assets of states.	Authority for approval of district Nodal officer.
District Nodal office*	Co-ordination	District Team Head	District	Statically table of state, district, sector wise assets for state / combinations. Super User for jurisdictional district.	Authority for approval of field officials sector wise in the district.
				Visualization of all assets in the state.	
				Summary of statically table of state, district, sector wise assets for entire state / combinations	

*Currently, we are not creating user id under this head

Admin level users

RKVY: Rashtriya Krishi Vikas Yojana of Dept of Agril. Cooperation & Farmers welfare

State Level Users

SNO: State Nodal office/officer

DNO: District Nodal office/officer

Data Provider Level users

SSO: State Sector wise office/officer

DSO: District Sector wise office/officer

FO: Field Office/officer

Various users privilege are summarized as below-

Central Level Users:

Central Level Users can

1. Approve SNO
2. Delete SNO
3. View List of all SSO users
4. View List of all DSO users
5. View List of all FO users
6. State wise Statistics
7. Statistics of Asset Flow

State Level (SNO) users:

SNO users can

1. Approve DNO/SSO user belongs to their state
2. Reject DNO/SSO users belongs to their State
3. District wise Statistics belongs to their state

District Nodal office (DNO) users:

DNO users can

1. View list of DSO users belong to their district
2. View list of Field office users belongs to their district
3. Request for assigning to multiple districts as DNO & view status of requests
4. Block wise Statistics

Field Office (FO) Users:

FO users can

1. View status of requests
2. Capturing the RKVY assets and uploading as per procedure

Prerequisites for approval of users, the user should have BHUVAN approval account.

2.1 RKVY user account activation process

2.1.1 Central Level users approval

Central Level users such as officials of RKVY, Dept of Agril. Cooperation & Farmers Welfare are to be approved by NRSC.

2.1.2 State Nodal officer (SNO) approval by Central RKVY - and

User name and PWD are generated and made available to SNO

2.1.3 State sector officer (SSO) and District sector officer (DSO)

Registration to be taken up during training program at TOT for state sector level or district sector level training programs

2.1.4 Login Process for Registration of State Sector office (SSO)

a) Login to Bhuvan RKVY web portal <http://bhuvan.nrsc.gov.in/governance/rkvyl>

Slide-1

RKVY has been the flagship scheme of DAC&FW for achieving and sustaining the desired growth rate of agriculture and allied sectors in the country during 11th and 12th Five Year plan periods.

Till date over 12000 projects have been sanctioned by the states under RKVY of which large number pertain to creation of infrastructure and assets.

Geotagging initiative is taken up using an android app to precisely locate RKVY assets through Bhuvan Geoportal.

Portal provides facility to visualise asset spread in the context of high resolution image backdrop with GIS analytical capabilities.

[Download Field Data Collection App for Android](#)

Open Web page in Mobile With Android 4.4 or above and Download App

Login As:

Administrator	Data Provider
RKVY DAC&FW	State Sector Office
State Nodal Office	District
District Nodal Office	Field Office
Citizen	

First State sector user to be Registered- [Click Here](#)

c) Following screen will appear to select user name and password to which you are nominated by your state/district sector officer

Slide -2

Bhuvan Beta
Gateway to Indian Earth Observation

Central Authentication Service

Bhuvan-Single Sign On

Username:

Password:

[Login](#)

[Change Password?](#)
[Forgot Password?](#)
[New User?](#)
[Didn't receive the account activation link?](#)

Note:

Bhuvan is now using "Central Authentication Service(CAS)" to enable Single Sign-On(SSO), you can use the same log-in credential if you are already registered with Bhuvan.

Registration is optional in Bhuvan. However, some features require registration. Registered users are having privilege to share the data, collaborate with other bhuvanites, Forum etc. If not registered, it only takes a few moments to register so it is recommended you do so.

Select New user


Check all Trainees Having E mails???

Select **New User** and **click on**, the following screen will appear

Slide -3



Account and Profile Information



Account

User Name *

Email *

Country *

Telephone

Organization *

Organization details

* Mandatory fields

Subscribe

Bhuvan NewsLetters

Profile

First Name

Last Name

Skype Name

Gender

Zip

Motto

[Click here to Login](#)

For eg. Telangana state sericulture officer user Name: **ts_seri**

First two letters state name and followed by sector name

Sector codes are given in slide-5

d) Enter the details and click on **submit** for user Registration

e) Open your mail id entered above and following will appear

Slide -4

A mail will be sent to your mail id for generating password

Open ur Mail id as given in Slide-3 and if not seen – **check in SPAM**

Click on link and generate Password- **Confidential** as shown below



**Now user name and
pass word is generated**

State sector officer has completed the generation of UN and PWD for his account. However, SSO has to sent a request for approval of his account to State Nodal officer, RKVY (Administrator) of respective state

The steps and guidelines are given below

The various sectors were selected and approved as per the RKVY guidelines of 2014 and Sericulture sector was added as large no of assets were being generated under sericulture in Eastern, NE and southern states.

Accordingly the Sector codes generated as given below and district codes were selected from first 3 letters of the district name.

GUIDELINES FOR RKVY SECTOR AND DISTRICT CODES

RKVY Sector and District codes for USER Registration

RKVY Sector-NO	MIS ASSET LIST SECTOR (As per C2 guidelines)	Code for User Registration
1	Agriculture Mechanization	AM
2	Animal Husbandry	AHD
3	Co-operatives and cooperation	CAC
4	Crop Development	CD
5	Dairy Development	DRD
6	Extension	EXT
7	Fertilizers and INM	FINM
8	Fisheries	FISH
9	Horticulture	HORT
10	Integrated Pest management	IPM
11	Marketing and Post Harvest Management	MPHM
12	Minor/Micro Irrigation	MMI
13	Natural Resources Management	NRM
14	Non-Farm Activities	NFM
15	Organic Farming/ Bio-Fertilizer	OBF
16	Research (Agri/Horti/Animal Husbandry)	RES
17	Seed	SEED
18	Sericulture	SERI

Slide-5

Hyderabad : HYD

Palampur : PAL

West Dinajpur : WDIN

East Godavari : EGOD

First three letters of a dist for single word districts

Two word districts a combination of first and second word

Open RKVY web register by clicking on below URL

<http://bhuvan.nrsc.gov.in/governance/rkvy/register>

THIS URL PAGE FOR MAINTAINING REGISTER OF ALL RKVY USERS IN THE BY RESPECTIVE STATE AND DISTRICT OFFICIALS



Sending Request for approvals



The 'Request for Approval' form contains the following fields:

- User Type:** DATA PROVIDER (Annotated: Always)
- User Role:** STATESECTOR (Annotated: State)
- Sector:** Agriculture Mechanization (Annotated: As per ur responsibility)
- State:** TELANGANA (Annotated: State name in drop down menu)

A 'Request for Approval' button is located at the bottom of the form.

Send request for approval

F) If request is submitted successfully, your user status will be visible to respective SNO details as shown (if available) below

The screenshot shows the user status table for a State Nodal Officer of TELANGANA. The table lists registered users and their approval status. A red box highlights the first three rows, and a blue arrow points to the 'Approve' column.

User Name	User Type	Role	Jurisdiction	Approve	Reject
ts_ahd	dataprovider	STATESECTOR	Animal-Husbandry	✓	✗
ts_fish	dataprovider	STATESECTOR	Fisheries	✓	✗
ts_fish1	dataprovider	STATESECTOR	Fisheries	✓	✗
ts_horti	dataprovider	STATESECTOR	Horticulture	✓	✗
ts_res_horti	dataprovider	STATESECTOR	Research	✓	✗
ts_seritest	dataprovider	STATESECTOR	Signature	✓	✗

Annotations in the image include: 'Click here for status' pointing to the table header, '2 registered users ???' pointing to the first two rows, and 'Log out' pointing to the top right navigation area.

Here state Nodal officer will approve each registered user name sector-wise

The following user names have been approved

Approved District Nodal/State Sector Office TS You are State Nodal Officer of TELANGANA Records: 10

User Name	User Type	Role	Jurisdiction	Delete
<input type="text" value="Filter by User Name"/>	<input type="text" value="Filter by User Type"/>	<input type="text" value="Filter by Role"/>	<input type="text" value="Filter by Jurisdiction"/>	
NRSCLD1	admin	DISTRICT	HYDERABAD	✘
ts_ahd	dataprovder	STATESECTOR	Animalhusbandry	✘
ts_horti	dataprovder	STATESECTOR	Horticulture	✘
ts_res_horti	dataprovder	STATESECTOR	Research	✘

4 Records

State Nodal officer SNO approved only 3 state sector users

The state sector office **user name has been approved** ,
 Now user can login RKVY web site using above UN and PWD

Now Approved state sector user can login using UN and PWD

Using below RKVY web page for visualization of RKVY assets

Visualization on Bhuvan Geo-portal



RKVY has been the flagship scheme of DAC&FW for achieving and sustaining the desired growth rate of agriculture and allied sectors in the country during 11th and 12th Five Year plan periods.

Till date over 12000 projects have been sanctioned by the states under RKVY of which large number pertain to creation of infrastructure and assets.

Geotagging initiative is taken up using an android app to precisely locate RKVY assets through Bhuvan Geoportal.

Portal provides facility to visualise asset spread in the context of high resolution image backdrop with GIS analytical capabilities.



Login As:

Administrator	Data Provider
<input type="button" value="RKVY DAC&FW"/>	<input style="border: 2px solid red;" type="button" value="State Sector Office"/>
<input type="button" value="State Nodal Office"/>	<input type="button" value="District"/>
<input type="button" value="District Nodal Office"/>	<input type="button" value="Field Office"/>
<input type="button" value="Citizen"/>	

1

All asset points to be moderated are visualized with login credentials. User has State and district filters.

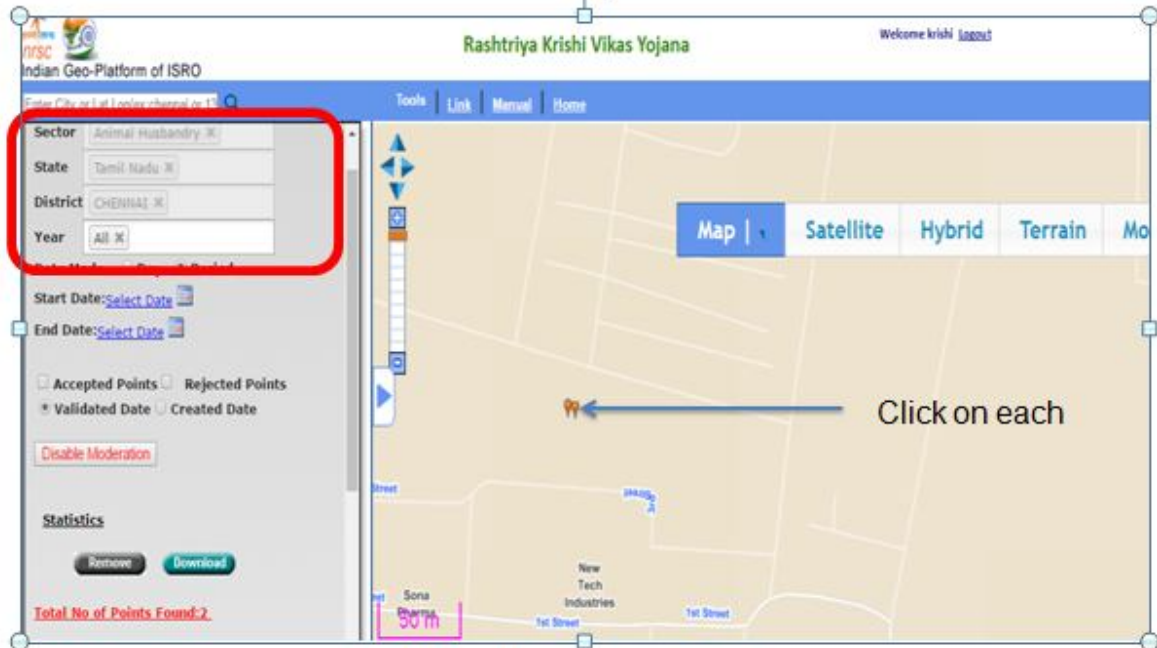
➤ The state sector users are presently unlimited so as to accommodate universities viz.,

1. Agricultural University
2. Horticulture university
3. Veterinary university
and in each university two positions

1. Director of Research
2. Director of Extension

However, the Associate director of Research in each college shall need to register under district icon and train the field officers for capturing the assets in the college.

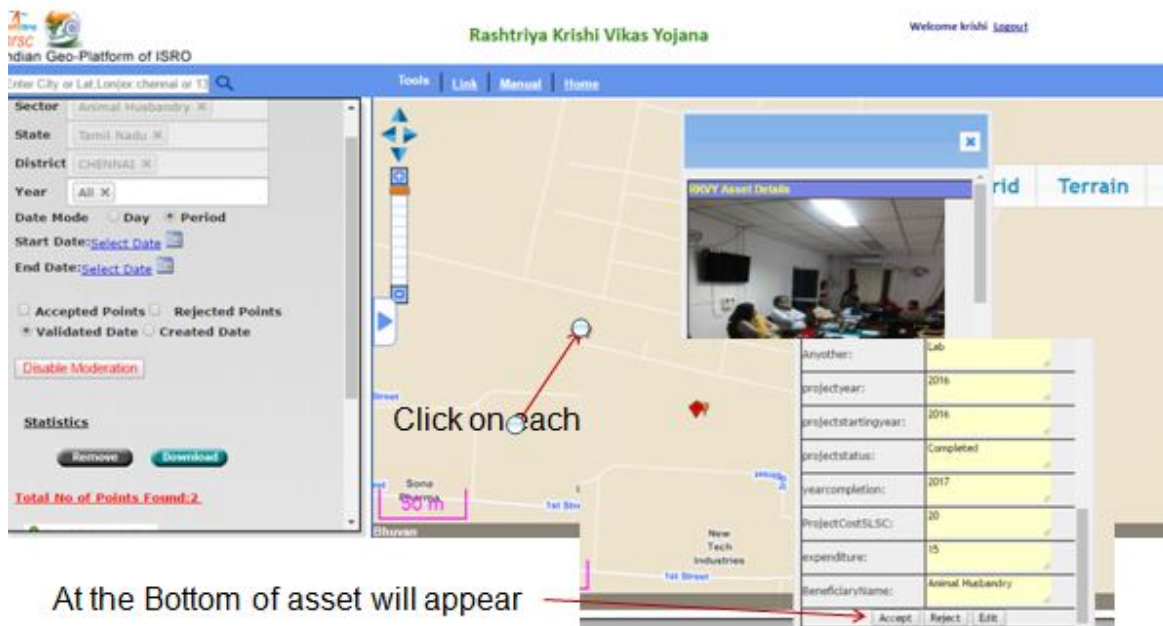
Provision to visualize points of RKVY Assets



Animal Husbandry assets in Chennai

Test Assets in Chennai district of Tamilnadu

Provision to visualize RKVY Assets with Moderation enabled



At the Bottom of asset will appear

2.1.5 Process for approval of DSO by SSO

DSO: District Sector officer SSO: State Sector Officer

Login to

<http://bhuvan.nrsc.gov.in/governance/rkvy/>

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Download
Field Data Collection
App for Android

Administrator	Data Provider
RKVY DAC&FW	State Sector Office
State Nodal Office	District
District Nodal Office	Field Office
Citizen	

**Open Web page in Mobile
With Android 4.4 or above
and Download App**

**First District Sector office (DSO)
user to be Registered- [Click Here](#)**

a) Repeat the steps in slide 2 to 4 as shown below

b) Following screen will appear to select DSO user name & password to which you are nominated by your state/district sector officer

Slide -2

Bhuvan Beta
Gateway to Indian Earth Observation

Central Authentication Service

Bhuvan-Single Sign On

Username:

Password:

Login

Change Password?
Forgot Password?
New User?
Didn't receive the account activation link?

Select New user

Note:

Bhuvan is now using "Central Authentication Service(CAS)" to enable Single Sign-On(SSO), you can use the same log-in credential if you are already registered with Bhuvan.

Registration is optional in Bhuvan. However, some features require registration. Registered users are having privilege to share the data, collaborate with other bhuvanites, Forum etc. If not registered, it only takes a few moments to register so it is recommended you do so.

Check all Trainees Having E mails???

Select **New User** and **click on**, the following screen will appear

Slide -3

Bhuvan Beta
Gateway to Indian Earth Observation

Account and Profile Information

Account

User Name *

Email *

Country *

Telephone

Organization *

Organization details

* Mandatory fields

Subscribe

Bhuvan NewsLetters

Profile

First Name

Last Name

Skype Name

Gender

Zip

Motto

Submit

[Click here to Login](#)

The user name nomenclature for DSO is as follows

For example:

AP state Prakasam district Animal husbandry sector

To be entered as [ap_ahd_pra](#)

d) Enter the details and click on submit for user Registration

e) Open your mail id entered above and following will appear

Slide -4

A mail will be sent to your mail id for generating password

Open ur Mail id as given in Slide-3 and if not seen – **check in SPAM**

Click on link and generate Password- **Confidential** as shown below

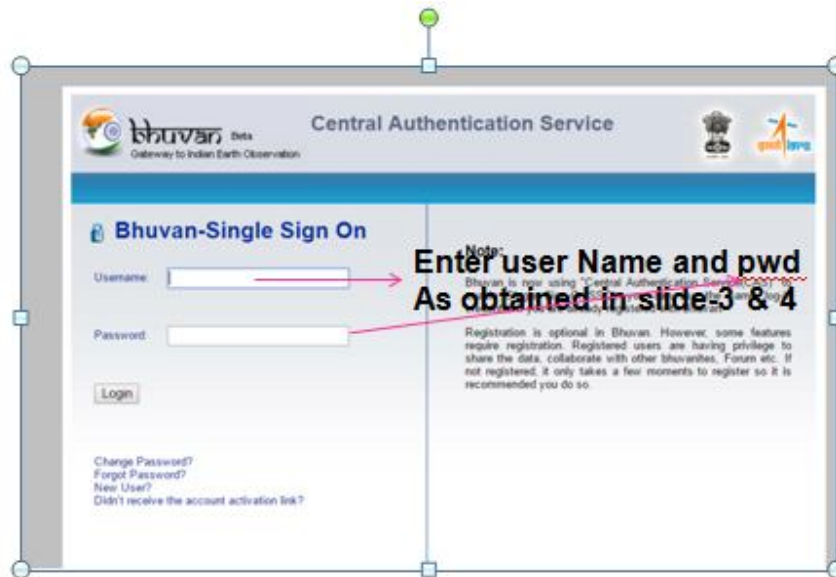


**Now user name and
pass word is generated**

District sector officer has completed the generation of UN and PWD for his account. However, DSO has to sent a request for approval of the account to SSO, of his sector for approval

c) Login by entering above Bhuvan user name, password and send request for approval by SSO.

d) Welcome screen will appear as given below



Slide 30

Sending Request for approvals



User Type	DATA PROVIDER	Always
User Role	STATESECTOR	District Sector
Sector	Agriculture Mechanization	As per ur responsibility
State	TELANGANA	State name in drop down menu

Request for Approval

Send request for approval

- e) Select appropriate options available and send the request for approval.
- f) The screen will appear on SSO using his UN and PWD by opening URL given below
<http://bhuvan.nrsc.gov.in/governance/rkvy/register>



Here state sector officer (SSO) will approve each registered district user name sector-wise

- Now District sector officer shall train the Field officers (FO) and approve their user name and generate PWD as procedure laid in slide-1 to slide -9
 - The sericulture field officer user name for Mysore district Hunsur Tehsil/Block?mandal is given below
 - [ka_seri_mys_hun](#)
 - Likewise, one can generate User Name/PWD for their district sector
- g) Click on Approve icon (right tick mark in green) to approve (If user is nominated by respective state SNO or DSO)
- h) Reject, if user is not nominated by respective state using reject option (red circle with cross mark).

Note : Filters available like state, district, and year can be used to see only respective state and district and or year data and counts of RKVY assets

2.1.5. Procedure for Registration of Multiple sectors

<http://bhuvan.nrsc.gov.in/governance/rkvy/register>

Geo-tagging of Rashtriya Krishi Vikas Yojana (RKVY)
Assets using Geoportal Technologies

Department of Agriculture, Cooperation and Farmers Welfare
Ministry of Agriculture and Farmers Welfare



RKVY has been the flagship scheme of DAC&FW for achieving and sustaining the desired growth rate of agriculture and allied sectors in the country during 11th and 12th Five Year plan periods.

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Geotagging initiative is taken up using an android app to precisely locate RKVY assets through Bhuvan Geoportal.

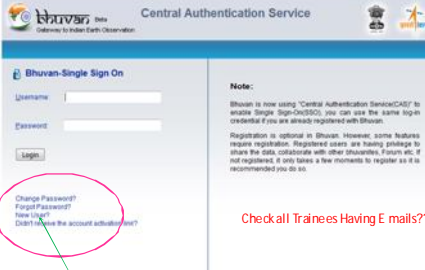
Portal provides facility to visualise asset spread in the context of high resolution image backdrop with GIS analytical capabilities.



Login As:

Administrator	Data Provider
<input type="button" value="RKVY DAC&FW"/>	<input type="button" value="State Sector Office"/>
<input type="button" value="State Nodal Office"/>	<input type="button" value="District"/>
<input type="button" value="District Nodal Office"/>	<input type="button" value="Field Office"/>
<input type="button" value="Citizen"/>	

Click here (with red and blue arrows pointing to 'District' and 'Field Office' buttons)



Central Authentication Service

Bhuvan-Single Sign On

Username:

Password:

Note:
Bhuvan is now using "Central Authentication Service(CAS)" to enable Single Sign-On(SSO), you can use the same login credential if you are already registered with Bhuvan.
Registration is optional in Bhuvan. However, some features require registration. Registered users are having privilege to share the data collaborate with other trainees, forums etc. if not registered, it only takes a few moments to register as it is recommended you do so.

Check all Trainees Having E mails???

Select New user (with a red circle around 'New User?')



Account and Profile Information

Account

User Name:

Email:

Password:

Organization:

Profile

First Name:

Last Name:

Address:

State:

Zip:

Role:

[Click here to Login](#)

A mail will be sent to your mail id for generating password
Click on link and generate Password-Confidential

Procedure for Registering for Multiple sectors



BHUWAN RKVY

<http://bhuvan.nrsc.gov.in/governance/rkvy/register/>

User	DATA PROVIDER
Type	STATESECTOR
State	ANDHRA PRADESH
Sector	Agri/Other Micro-Enterprises
State	TELANGANA
<input type="button" value="Register As Applicant"/>	

In case of Agri dept officers are handling 5-6 sectors in each state/district.
Now a registered user can select multiple sectors for approval of SSO/SNO

Andhra Pradesh : ap
Sector: agri
State sect or officer user name: ap_agri (advised to generate passwords)
District sector officer of prakasam: ap_agri_prk (password is yours choice)

The following URLs may be sued

<http://bhuvan.nrsc.gov.in/governance/rkvy/>

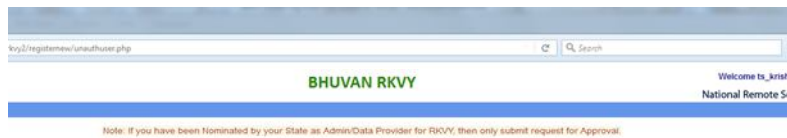
<http://bhuvan.nrsc.gov.in/governance/rkvy/register/>

All registered users id's will be saved and protected



User Type	DATA PROVIDER
User Role	DISTRICTSECTOR
Sector	<input checked="" type="checkbox"/> Agriculture Mechanization <input type="checkbox"/> Animal Husbandry <input type="checkbox"/> Bio Fertilizers or Organic <input type="checkbox"/> Cooperatives and Cooperations
State	ANDHRA PRADESH
District	ANANTAPUR
Request for Approval	

After login using above generated user name and password, the concerned officer need to select multiple sectors by Holding CTRL key and click on the sectors to be selected



User Type	DATA PROVIDER
User Role	STATESECTOR
Sector	<input checked="" type="checkbox"/> Agriculture Mechanization <input checked="" type="checkbox"/> Animal Husbandry <input checked="" type="checkbox"/> Bio Fertilizers or Organic <input checked="" type="checkbox"/> Cooperatives and Cooperations
State	TELANGANA
Request for Approval	

The selected sectors will be highlighted with blue colour. An Agril officer at State Sector and or at district sector office need to select the sectors of **Agril mechanization, Bio-fertilizers, Crop development, Extension, fertilizes and Integrated Pest Management**



RKVY User Authorization : Following are the details:
 Bhuvan username:ts_krish1
 Email id :tel.krish1@gmail.com
 User Type :DATA PROVIDER
 User Role :STATESECTOR
 Sector :AgricultureMechanization, BioFertilizersOrganic, CropDevelopment, Extension, Fertilizers, IntegratedPestManagement
 State :TELANGANA

Your request is Pending for Approval.

You can [Delete Your Request](#) if you have provided incorrect information, to raise new request.

After selection a request will be sent to SSO-Agril. for approval

The State sector officer has to login to <http://bhuvan.nrsc.gov.in/governance/rkvy/register> web portal

User Name	User Type	Role	Jurisdiction	Approve	Reject
ts_krish1	dataprowder	STATESECTOR	AgricultureMechanization	✓	✗
ts_krish1	dataprowder	STATESECTOR	BioFertilizersOrganic	✓	✗
ts_krish1	dataprowder	STATESECTOR	CropDevelopment	✓	✗
ts_krish1	dataprowder	STATESECTOR	Extension	✓	✗
ts_krish1	dataprowder	STATESECTOR	Fertilizers	✓	✗
ts_krish1	dataprowder	STATESECTOR	IntegratedPestManagement	✓	✗

Here state Nodal officer (or state sector officer) will approve each registered user name sector wise. Now SNO will approve all sectors. Afterwards District sector officer for Agril dept., has to follow the above steps and the usernames will be approved by State Sector officer (Agriculture dept).

State Nodal officer/State sector officer will approve all the registered sectors after due verification

2.2 RKVY user Privileges

2.2.1 Central level Users:

The central level users are Joint secretary RKVY, DAC&FW as Chief administrator and Director, RKVY, Under Secretary RKVY, Scientist NIC, RKVY, SO and SSO, RKVY are the central level users

2.2.2. State Level (SNO) users

SNO users can

01. Approve DNO / DSO / FO user belongs to their state
02. Reject DNO / FO user belongs to their state
03. District wise Statistics of their state

These processes are explained in section 2.1.4.

2.2.3. District Level (DSO) users

DSO users can

- View list of FO users belongs to their district
- View list of FO users belongs to their district
- Request for assigning to multiple districts as DNO & View status of requests.
- Block wise statistics of corresponding district
- View list of FO users belongs to their district
- Select List of FO users' option and financial year to see list of FO users belongs to that financial year.
- View list of FO users belongs to their district
- Select List of FO users' option and financial year to see list of FO users belongs to that financial year.
- Request for assigning to multiple sectors as single DSO & View status of requests- is given below

2.2.4 Block/Mandal/Sub Division Level (FO) Users

FO users can Select the assets uploaded in their district with options of sector/ financial year to see list of assets for that financial year. If at all accounts needs to be approved, it can be accomplished by clicking on right tick mark icon in green.

2.2.5 District Nodal officer (DNO)

To request for DNO please click on Register for district button in Admin module. Following pop up will appear to select district to which users are nominated as DNO. Select the details and click on Request for Approval and Download Registration form. If request submitted successfully, and all steps are in slide1 to slide-9.

DNO can monitor the performance of blocks/tehsils/Mandal using the statistics option. Block wise Geotagged Status, Total assets available for Geotagging can be visualized. **Currently DNO accounts are not generated.**

2.3 Problems while Creating Bhuvan User Account

A prerequisite for approval is 'Central, SSO, DSO, FO users should have BHUVAN user account'.

2.3.1 Account Reactivation

01. In case you do not receive activation link- it is likely that you have entered wrong/different email id during registration. Please verify the same clicking on - 'Didn't receive the account activation link?' of the login screen.
02. On clicking of the link mentioned in step 7 . Following screen appears, enter your email id and submit. It will give the status of your registered email id. In case account not - activated, it will re-send the activation link.

Bhuvan Beta
Gateway to Indian Earth Observation

Central Authentication Service

Bhuvan-Single Sign On

Username:

Password:

Login

Change Password?
Forgot Password?
New User?
Didn't receive the account activation link?

Note:
Bhuvan is now using "Central Authentication Service(CAS)" to enable Single Sign-On(SSO), you can use the same log-in credential if you are already registered with Bhuvan.
Registration is optional in Bhuvan. However, some features require registration. Registered users are having privilege to share the data, collaborate with other bhuvanites, Forum etc. If not registered, it only takes a few moments to register so it is recommended you do so.

2.3.2 Forgot Password

In case you forgot your password click on the "[Forgot Password](#)" link to get a new password.

By clicking the above link, a screen appears where users can give user name or email id for placing the password reset request. On entering valid username/email-id, an email will be sent to registered mail id. It may take few minutes to receive the mail. So need not submit the request multiple times.

Bhuvan Beta
Gateway to Indian Earth Observation

Password Request

Enter your email or Login name and click "send mail button" to recover your password

Email/User Name

Enter the code (characters are case-sensitive)

9LiiOL Refresh

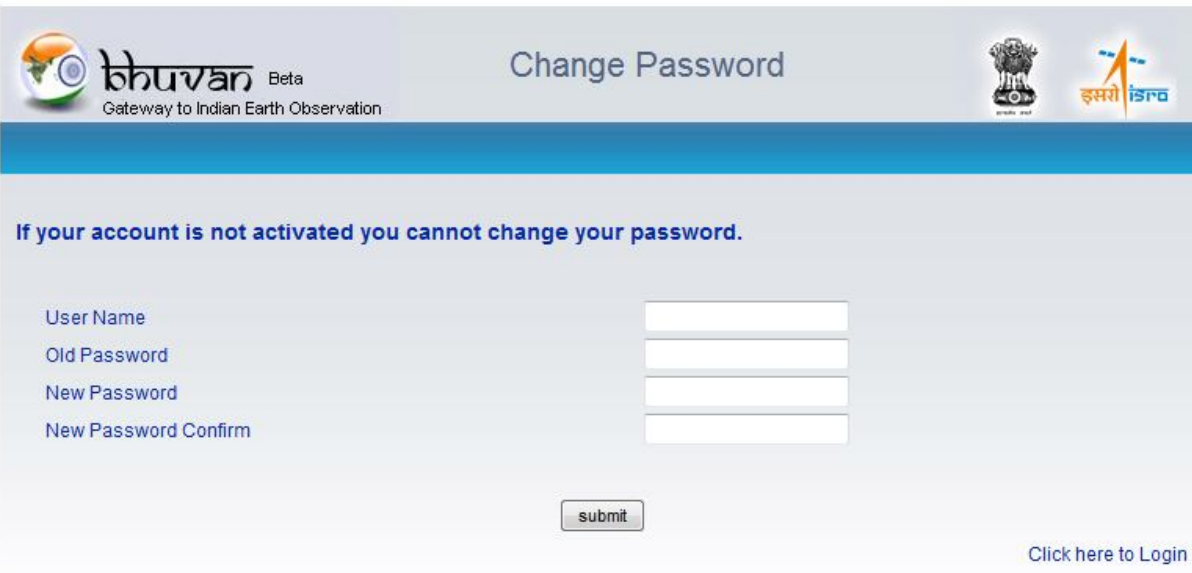
send mail

An email received for "forgot password" request in your registered mail id. The same can be used for sign-in to Bhuvan. It is recommended that the user changes password from the default system-generated one.

Note : Do not add extra space while entering the passwords in log-in form. It is suggested to explicitly type the password in the form provided (login screen) instead of using copy - paste of the password from mail.

2.3.3 Change Password

In order to change password, click on "change password" link of the login screen as below and by entering the existing username and password , the password can be changed successfully.



The screenshot shows the 'Change Password' page of the Bhuvan portal. The header includes the Bhuvan logo (Gateway to Indian Earth Observation) on the left, the title 'Change Password' in the center, and the logos of the Government of India and ISRO on the right. A blue banner below the header contains the text: 'If your account is not activated you cannot change your password.' The main form area contains four input fields: 'User Name', 'Old Password', 'New Password', and 'New Password Confirm'. A 'submit' button is located below the input fields. In the bottom right corner, there is a link that says 'Click here to Login'.

3. RKVY Assets Visualization, Moderation and Statistical Tables

This web-based application allows users to visualize the geo-tagged locations. And it also allows authorized users to moderate (Map and Tabular view) the collected geo-tagged points/assets before it is made visible to the public and get the summary and detailed of the points geo-tagged for the respective jurisdiction may be sector-wise/ state/district etc.,

3.1 Asset Visualization

Following are the steps to access Bhuvan RKVY web application

STEP : 1 Login using the following URL for Bhuvan - RKVY

<http://bhuvan.nrsc.gov.in/governance/rkvy/>

The following screen will appear

Visualization on Bhuvan Geo-portal

Geo-tagging of Rashtriya Krishi Vikas Yojana (RKVY)
Assets using Geoportel Technologies

Department of Agriculture, Cooperation and Farmers Welfare
Ministry of Agriculture and Farmers Welfare

nrsc

Bhuvan

NRSC

RKVY has been the flagship scheme of DAC&FW for achieving and sustaining the desired growth rate of agriculture and allied sectors in the country during 11th and 12th Five Year plan periods.

Till date over 12000 projects have been sanctioned by the states under RKVY of which large number pertain to creation of infrastructure and assets.

Geotagging initiative is taken up using an android app to precisely locate RKVY assets through Bhuvan Geoportel.

Portal provides facility to visualise asset spread in the context of high resolution image backdrop with GIS analytical capabilities.

Login As:

Administrator	Data Provider
RKVY DAC&FW	State Sector Office
State Nodal Office	District
District Nodal Office	Field Office
Citizen	

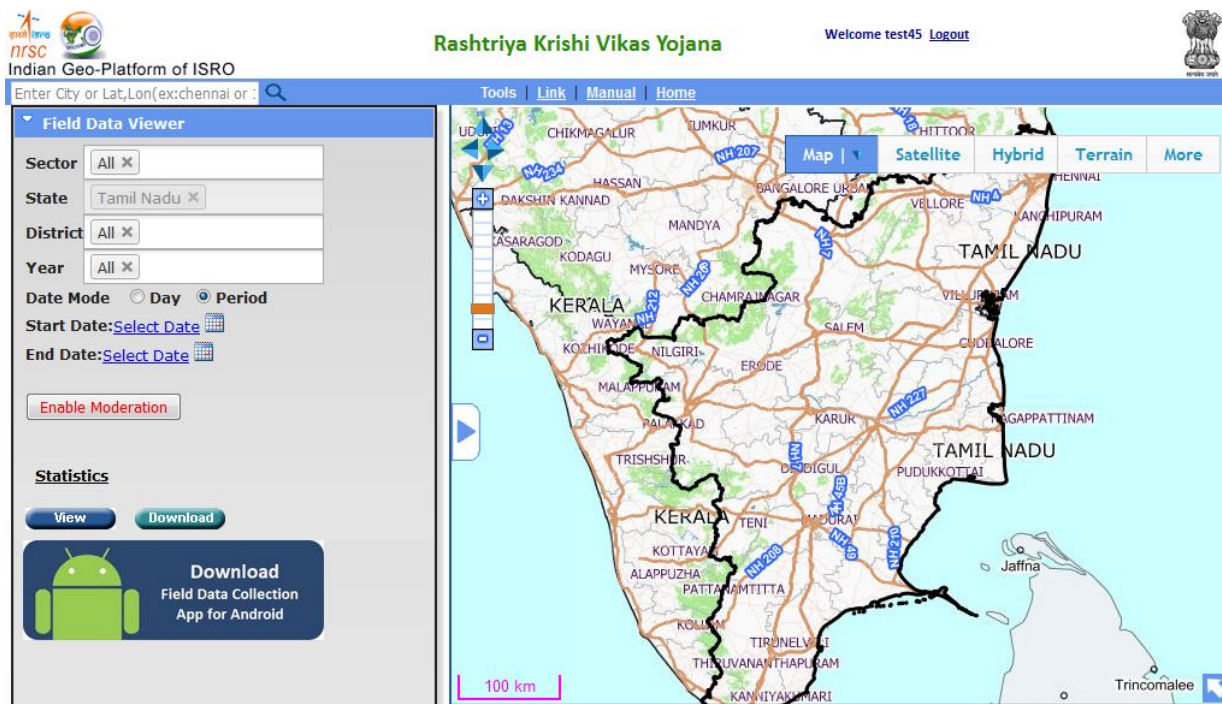
Discussion-Forum

Contact us | Terms

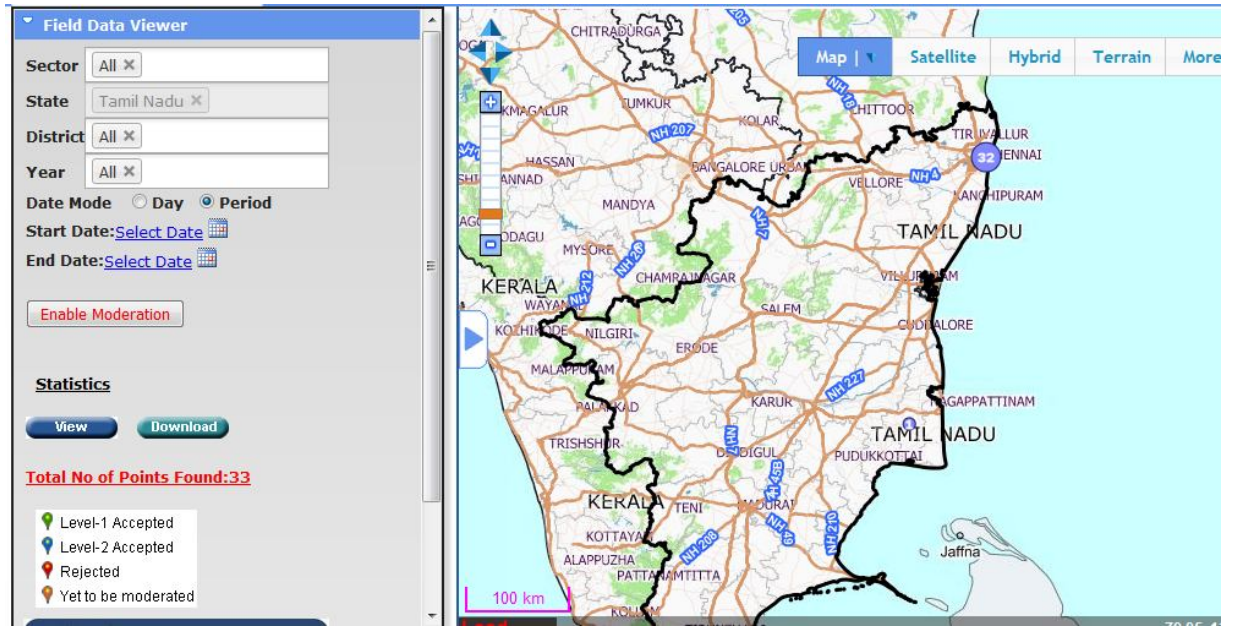
1. Use respective approved UN and PWD

2. Here using the state sector UN and PWD of Animal husbandry
Tamilnadu state

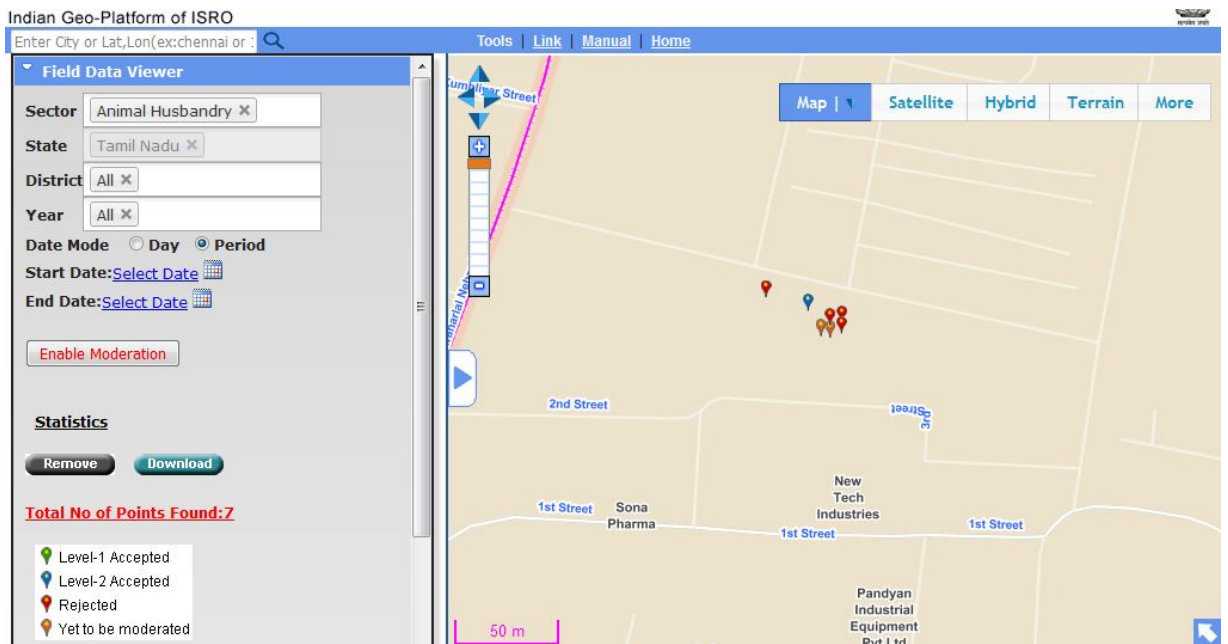
The following screen will appear



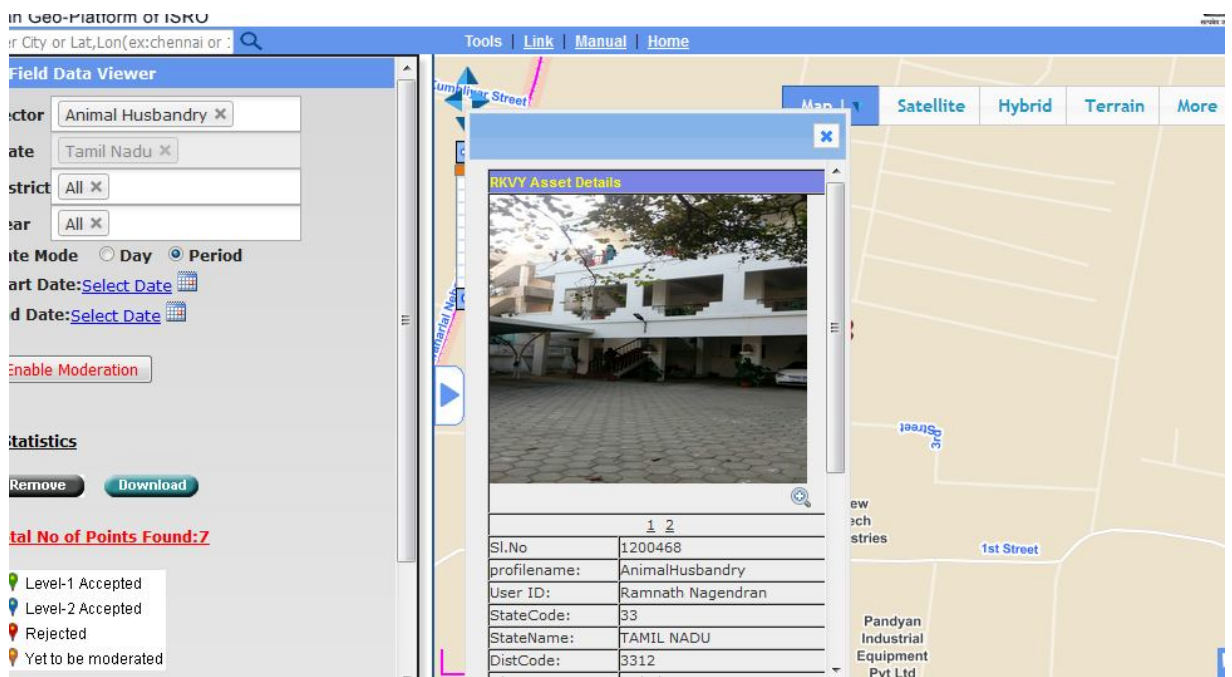
Then click on **View** – for visualization of assets under sector
Animal Husbandry



Afterwards zoom on the map where RKVY assets are numbered



Afterwards click on uploaded POI as shown above



STEP : 2

To see all the data, authorized user should login. There are different types of logins – Central, State, District and Block/Tehsil/Mandal.

Moderation privileges are given only to the Block level.

Below procedure is explained for user with central login id.

STEP : 3 (Central RKVY User)

The central user will be able to see the state-wise statistics alone or in combinations.

STEP : 4 (State Sector User)

The state user will be able to see the district-wise statistics for the state. Also user will be able to have option for authorizing District and Block level users for the concerned state.

STEP : 5 (District sector User)

The district users will be able to see the district-wise statistics for their district.

STEP : 6 (Field office User)

The block users will be able to see the statistics of their block/s. Also will be able to have option for authorizing Panchayat level users for the concerned block. Moderation privileges are also given to this user.

3.2 Asset Moderation

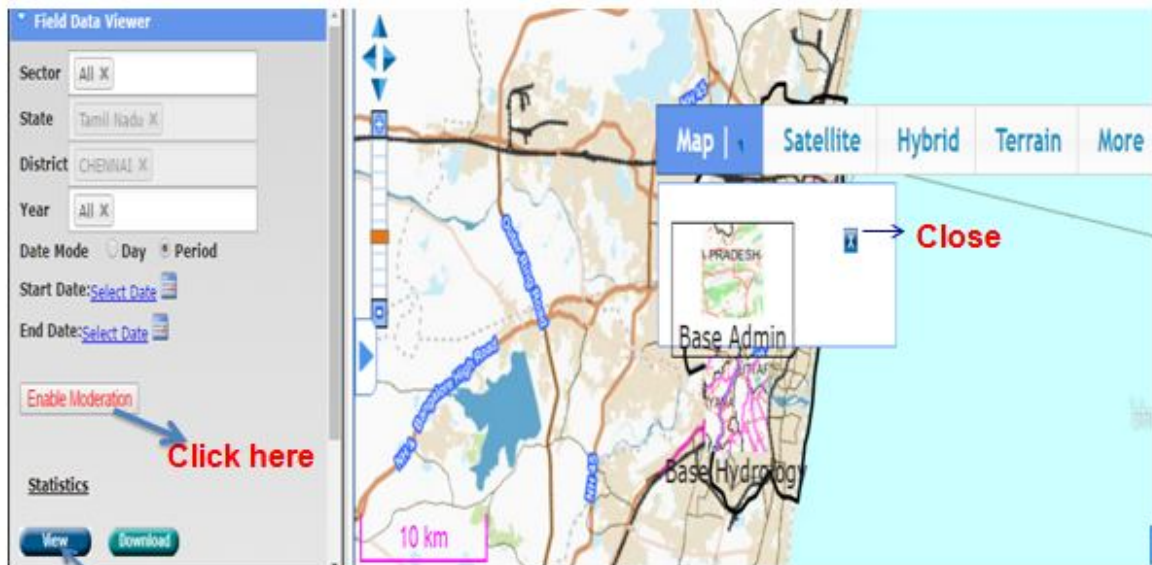
Moderation is the process for getting good quality data uploaded to Bhuvan portal for agriculture and allied sectors in RKVY project. Moderation needs to be done rigorously so that contents placed by local project implementation (FO) officials are approved properly by the district sector officer. The protocols have formulated in consultation with RKVY officials.

Two levels of Moderation privilege is given to District Sector Officer (DSO) as Level-1 and State Sector Officer (SSO) level (level-2) only. After both level of moderation the assets will be visible to central RKVY, SNO and public. This is proposed in only in map view as detailed below:

3.2.1 Map view

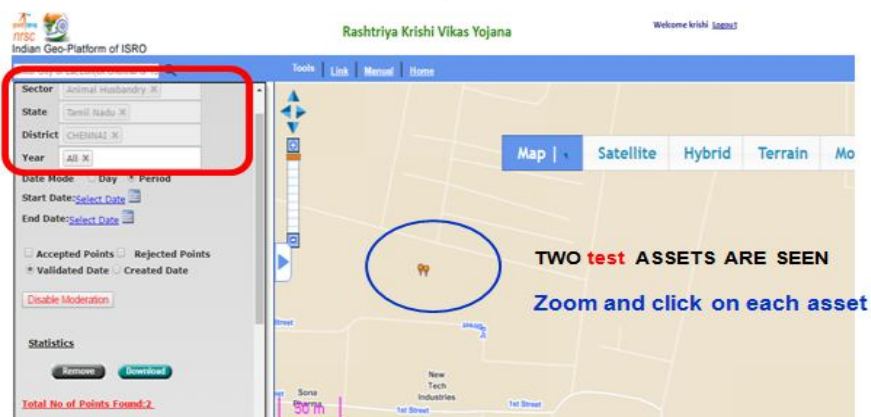
After login, user will get a new button named 'Enable Moderation'.

To perform moderation operation click on 'Enable Moderation' icon to moderate the points.



After clicking on **ENABLE MODERATION** ,
click on **VIEW**

The screen will appear as given below:



Moderation of Animal Husbandry assets in Chennai

Select any point by clicking on it . After selecting the points a pop up will display the information of geo-tagged points along with the photos.

User has an option to accept, edit or reject any point.

Provision to visualize RKVY Assets with Moderation enabled

Test Photo

Anyother:	Lab
projectyear:	2016
projectstartingyear:	2016
projectstatus:	Completed
yearcompletion:	2017
ProjectCostSLSC:	20
expenditure:	15
BeneficiaryName:	Animal Husbandry
Accept Reject Edit	

At the Bottom of asset will appear Approve/Reject/Edit

01. To reject the geo-tagged Assets on reject button on bottom of pop up. After clicking on reject button a new box will open i.e. ' Reason for Project'. Enter the reason for rejection and select the reject button. Point will be rejected successfully.
02. To accept the geo-tagged point, click on accept button on bottom of pop up. Another pop up will open. Click ok button to accept the point. Click cancel button if not. If user clicks on ok button, the point is accepted. Another pop up will open and gives the message like accepted successfully. And the point will disappear from the map for further moderation.
03. To flag a work code for anomalies, user can select "Flag work" option and then give reason for flagging.

Accept the geo-tagged photos

To accept geo-tagged photos click on accept icon .If the action is successful, list will be refreshed with list of assets pending for moderation.

Reject the geo-tagged photos

To reject geo-tagged photos click on reject icon. Pop up will open to enter reason for rejection.

Approve _click on the asset is approved

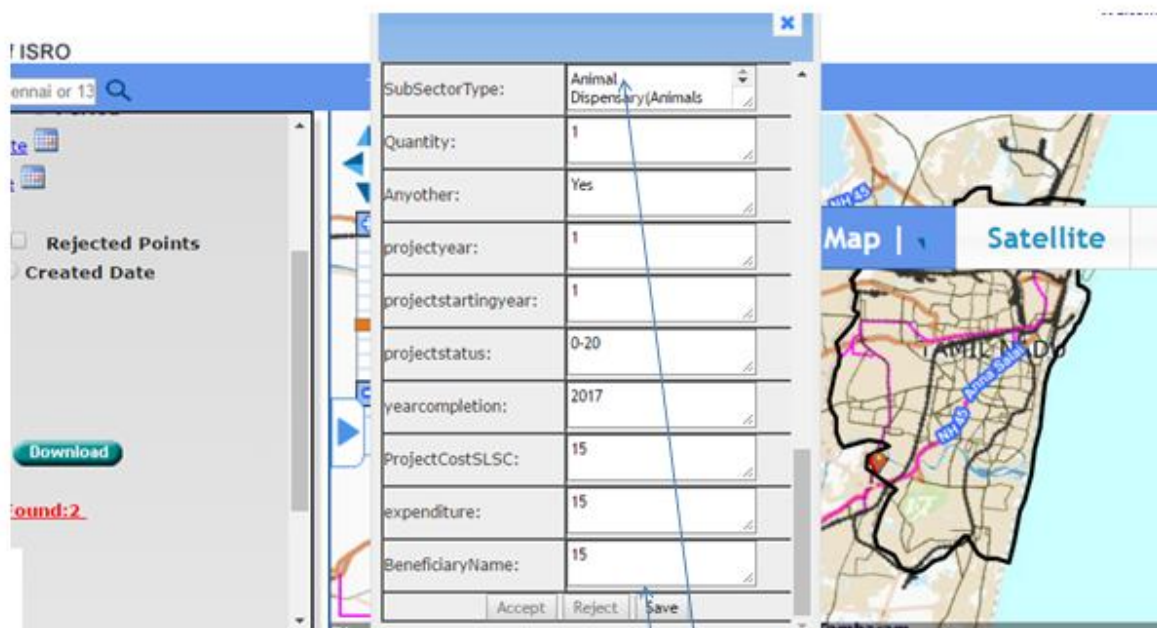
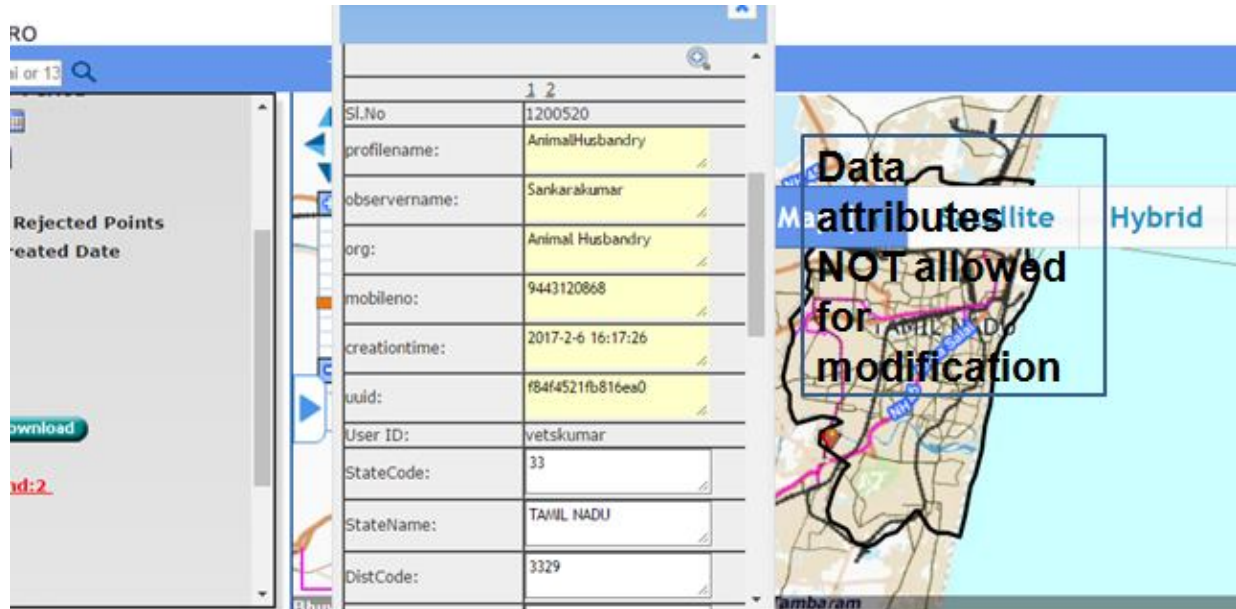
Reject_ Then a pop up will appear and write the Reason for Rejection

Edit_ for editing attribute information entered by asset enumerator
Check the correct/accurate information and say OK

Then save link will appear for saving the changed information

The asset photos, observer name, sector – not allowed for change/modification

If action is successfully list is refreshed with list of assets pending for moderation.



Attribute data fields allowed for Modification

Finally after modification **SAVE** the same

Please enter the reason and click Flag.

If action is successfully performed, list will be refreshed with list of assets pending for moderation.

3.3 Statistical data Tables:

3.3.1 State wise Statistics

Select the “ Statistics “ option from the dropdown and state wise statistics will be displayed as shown below :

GeoTagging Status of Bhuvan-RKVY
 Level-2 Accepted :14
 Level-1 Accepted :29
 Rejected :57
 Moderated :100
 Total RKVY Assets Geotagged:2068

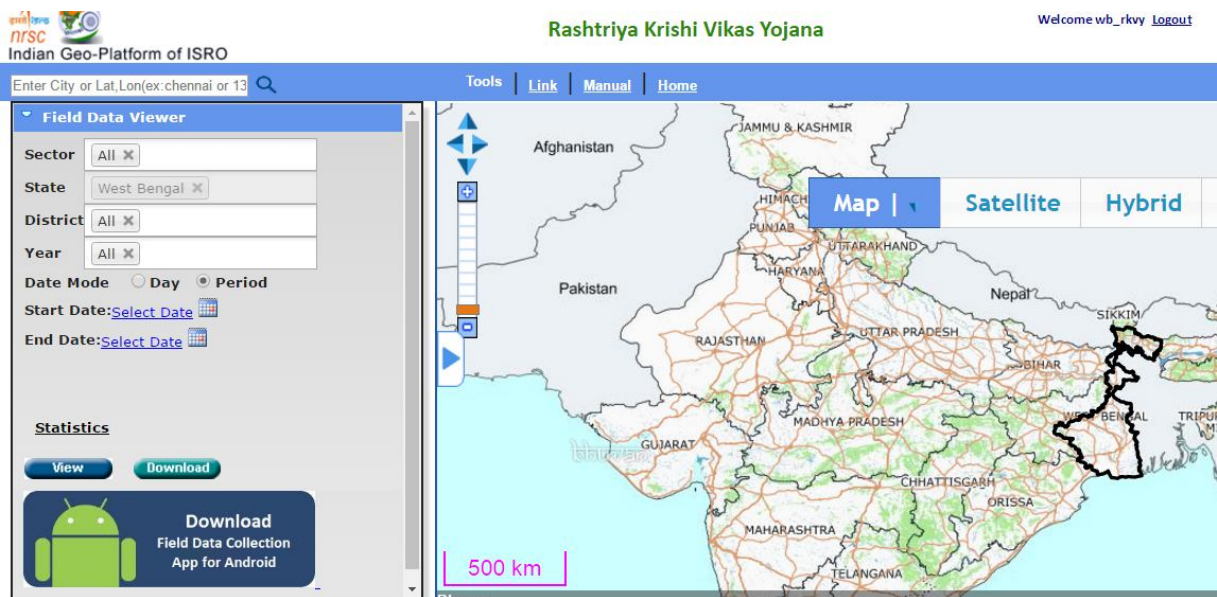
Performance Sector wise as per the Selection Criteria:

Name	Yet to Moderate	Level-1 Accepted	Level-2 Accepted	Rejected	Total Moderated	Total
Agricultural extension	49	0	3	0	3	52
Agriculture mechanization	175	1	1	8	10	185
Agriculture research	41	0	0	1	1	42
Animal husbandry	237	12	5	8	25	262
Biofertilizers organic	20	1	0	0	1	21
Cooperatives cooperations	15	0	0	0	0	15
Crop development	15	0	0	1	1	16
Dairy	19	0	0	0	0	19
Dairy development	68	3	0	3	5	74
Extension	28	1	0	4	5	33
Fertilizers	16	0	0	0	0	16
Fisheries	44	1	0	1	2	46
Horticulture	814	8	3	30	41	855
Integrated pest management	3	0	0	0	0	3
Marketing postharvest	49	0	0	0	0	49
Minor crop production	144	7	1	1	5	147

3.3.2 Statistics of Asset Flow

Select the “ Statistics of Asset Flow “ option from the dropdown. It will show the state wise assets received by the NRSC. User can filter using the start date and end date.

All the above tabular views can be exported as CSV using “ Export ” option available in bottom of the page. This is available only in central level log in.



The following Excel sheet showing details of RKVY report at Central RKVY, state/district/field office will be saved to the system and useful for further analytics.

The screenshot shows an Excel spreadsheet titled 'RKVY_Report [Compatibility Mode] - Microsoft Excel'. The spreadsheet has 13 columns (A-M) and 6 rows. The data is as follows:

1	A	B	C	D	E	F	G	H	I	J	K	L	M
2	S.No	State	District	Profile	Observname	Org	Mobileno	Creationtime	Validatedtime	Uuid	ProjectYear	Status	
3	No Records Found												
4													
5													
6													



Bio-Control Agents



Poly House



Rice planter



Storage Infrastructure



Power Tiller



Micro irrigation

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