

Bhoonidhi New Releases - January 2022

<https://bhoonidhi.nrsc.gov.in/>

Many products, applications and features were release at Bhoonidhi in January 2022. This note provides a gist of major releases for the users

APPLICATIONS



Bhoonidhi Browse & Order
Search, View and Download/Order open/priced data of various IRS missions, Landsat-8, Sentinel 1&2 and NovaSAR

VISIT →



Bhoonidhi Vista
Visualize the daily acquired data and temporal cycle based mosaic

VISIT →



Upagrah
Orbit Viewer - Live satellite/orbit tracking and View of all satellites at given UTC time.

VISIT →

New Products @Bhoonidhi

- Surface reflectance product
- Cartosat-1 Stereo products
- Cartosat-1 CartoDEM products
- ScatSAT-1, NPP-Soumi, JPSS1 – Open data products

New Features @Bhoonidhi

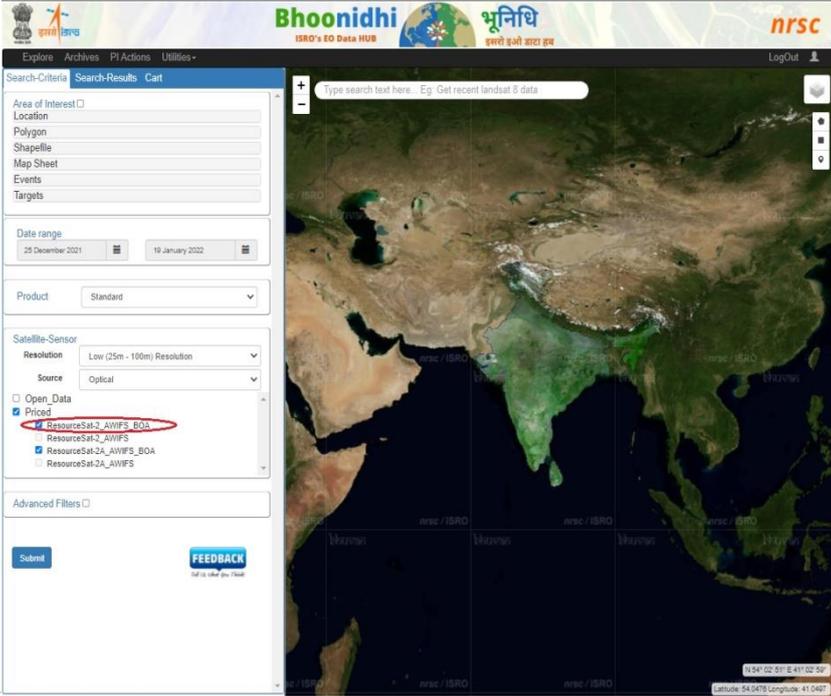
- Image un-publish
- GST details integration
- Order Cancellation
- Upgraded location database

NEW RELEASE!

New Applications & Features added @Bhoonidhi

NEW PRODUCTS FOR USERS

- Bottom of Atmosphere (BOA) Products - Resourcesat-2A for LISS3 and AWiFS sensors - Priced
- Scatsat-1, Suomi-NPP, JPSS-1 Open data products for free download

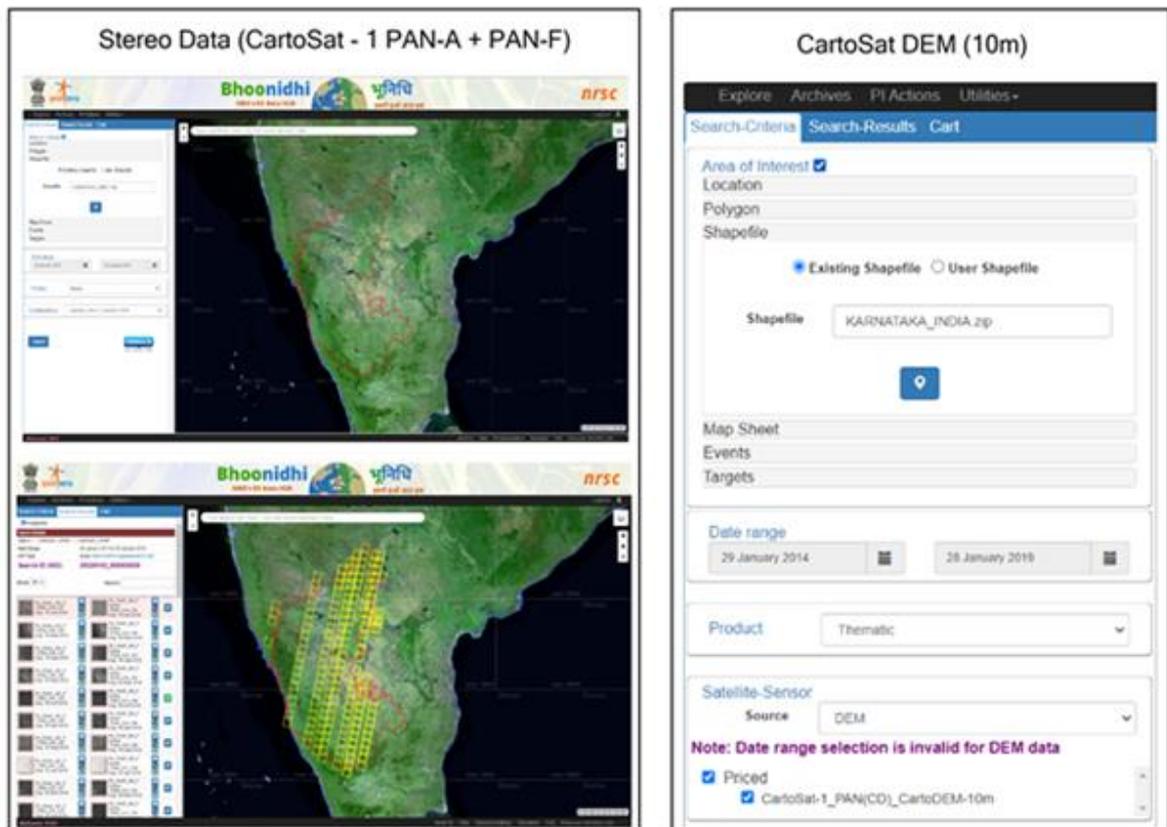


The screenshot shows the Bhoonidhi search interface. The search criteria are set to 'Priced' and 'ResourceSat-2A_AWiFS_BOA' is selected in the Satellite-Sensor list. The search results show a satellite image of India. The interface includes a search bar, search criteria, search results, and a feedback button.

MULTI SENSOR ORDERING

Enabled with elegant GUI and simple and minimalistic navigation for selection of multiple sensors, catalogue fetch and product definition specification for ordering the following products

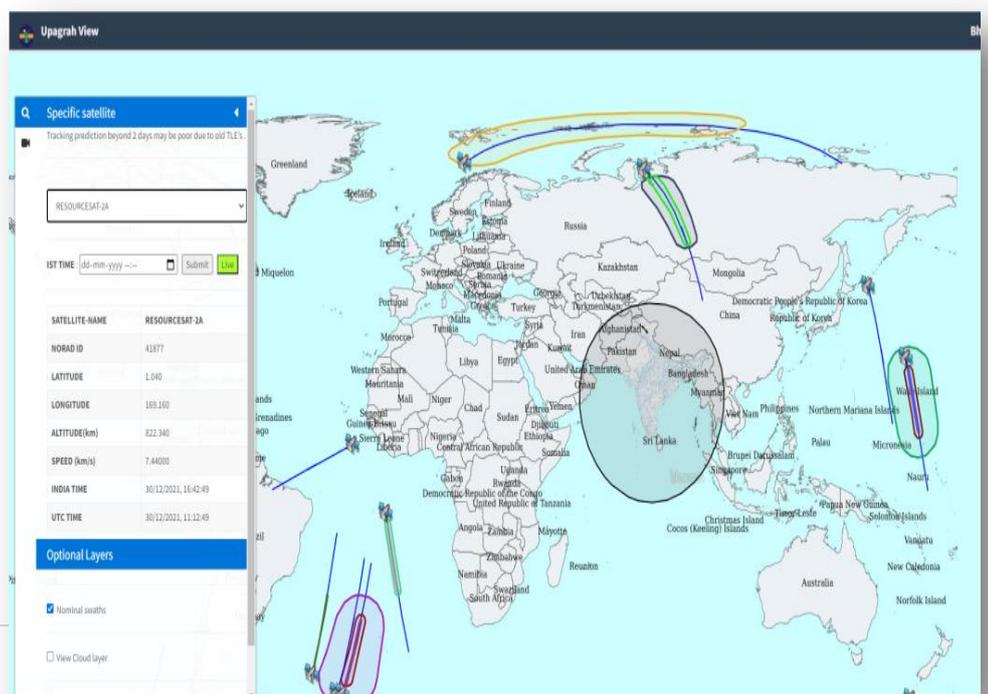
- Cartosat-1 Stereo Products
- Cartosat-1 CartoDEM Products



UPAGRAH ORBIT VIEWER

Provides Real time Satellite Tracker for EO Missions

- Helps to assess the feasibility of acquisition of Data for Disasters and other applications.
- Displays nominal swaths of satellites along with the latest cloud layer



BHOONIDHI VISTA

Data Visualization service at Bhoonidhi providing full resolution data visualization capability through WMS (Web Map Service) enabled RS2, RS2A, Sentinel1 and Sentinel2.

- Multi Mission- Multi Sensor support with Visualize as and when availability
- Multiple Visualization Options (Day-wise and between dates)
- Time Lapse animation feature - allows users to view Time Lapse animation over the Area of interest within a date range which demonstrates changes in the area of interest as was acquired by the satellites in the past few cycles.



Fig 2: Upagrah Orbit Viewer @Bhoonidhi

Data Visualization @Bhoonidhi Vista

- New Bhoonidhi Home page with Bhoonidhi Image & Video Gallery
- Order Cancellation for individual products in POSTED state
- Image Un-publish feature at all the services