

VISTA

Visualize at Full Resolution

Bhoonidhi Vista

Online Visualization and Exploration of
Multi-mission EO data

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Team Bhoonidhi

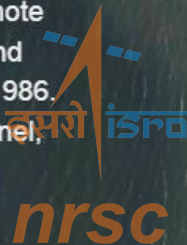
Preface

- 🌍 Satellite data has been employed for many societal applications, including change detection, feature monitoring, and disaster support.
- 🌍 The pre-requisite for some of these applications is to visualize the geo-referenced satellite data with overlays of administrative or feature layers to identify the regions.
- 🌍 Efficient visualization has been proven to provide solutions for diverse applications ranging from navigation to disease monitoring



BHOONIDHI

We enable access to our extensive archive of Remote Sensing data from 44 satellites, including Indian and Foreign Remote Sensing sensors acquired since 1986. We also facilitate the Regional distribution of Sentinel, LandSat (8 & 9) data in India.



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VISTA
Visualize at Full Resolution

Bhoonidhi

Browse & Order

UPAGRAH
Orbit Viewer

Bhoonidhi



Bhoonidhi Workshop#1

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

Introduction

Bhoonidhi VISTA - Visualization of Terrestrial Acquisitions is a visualization portal providing full resolution multi-mission data visualization capabilities

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With Vista, Users can visualize the latest view of India captured by Indian and other EO sensors in native resolution.

Salient Features



Multi Mission- Multi Sensor support



Visualization layers published incrementally upon each acquisition



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Multiple Visualization and analysis modes



Bhoonidhi-VISTA Time Lapse animation

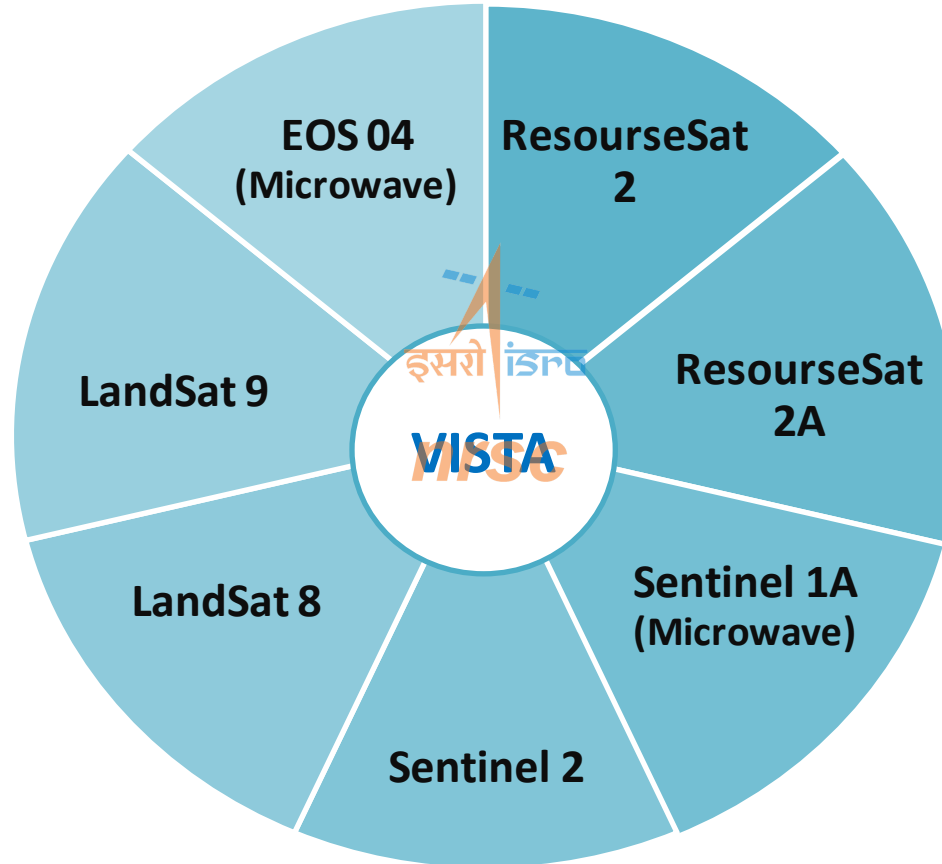


Visualization & Analysis Modes

- 🌍 Day-wise layer visualization
- 🌍 Date-range visualization
- 🌍 Latest cycle visualization
- 🌍 Change visualization through time-lapse animation over selected AOI
- 🌍 Change analysis using comparison slider
- 🌍 Elementary impact measurement using measurement tools



Missions Supported






Upcoming missions:

🌍 EOS – 06

🌍 CartoSat – 2S

Additional Capabilities

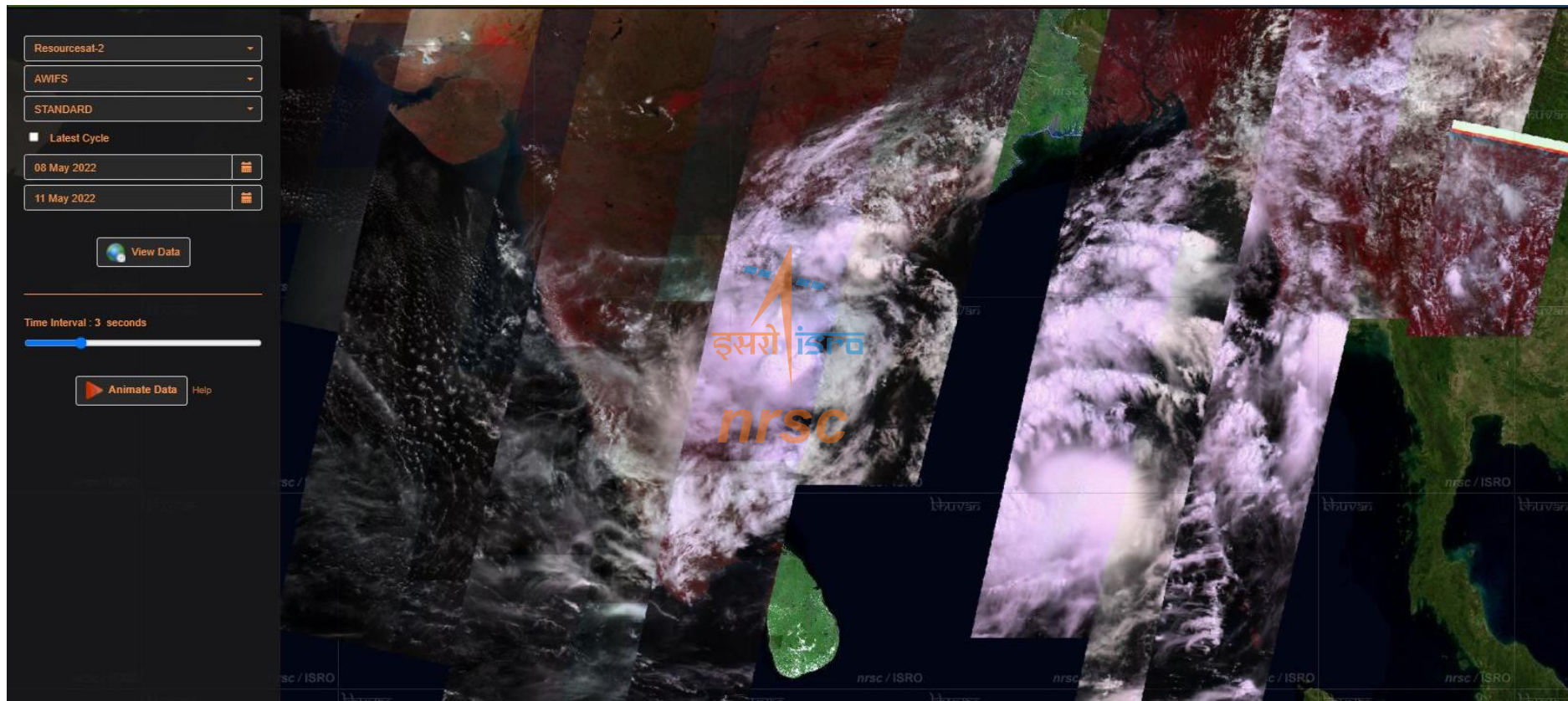
-  Provides essential insights for decision-making in diverse application domains.
-  Saves users the need to search, download/purchase satellite data and process it for visualization.
-  Administrative and infrastructure overlays are available for the users to overlay on visualization layers.

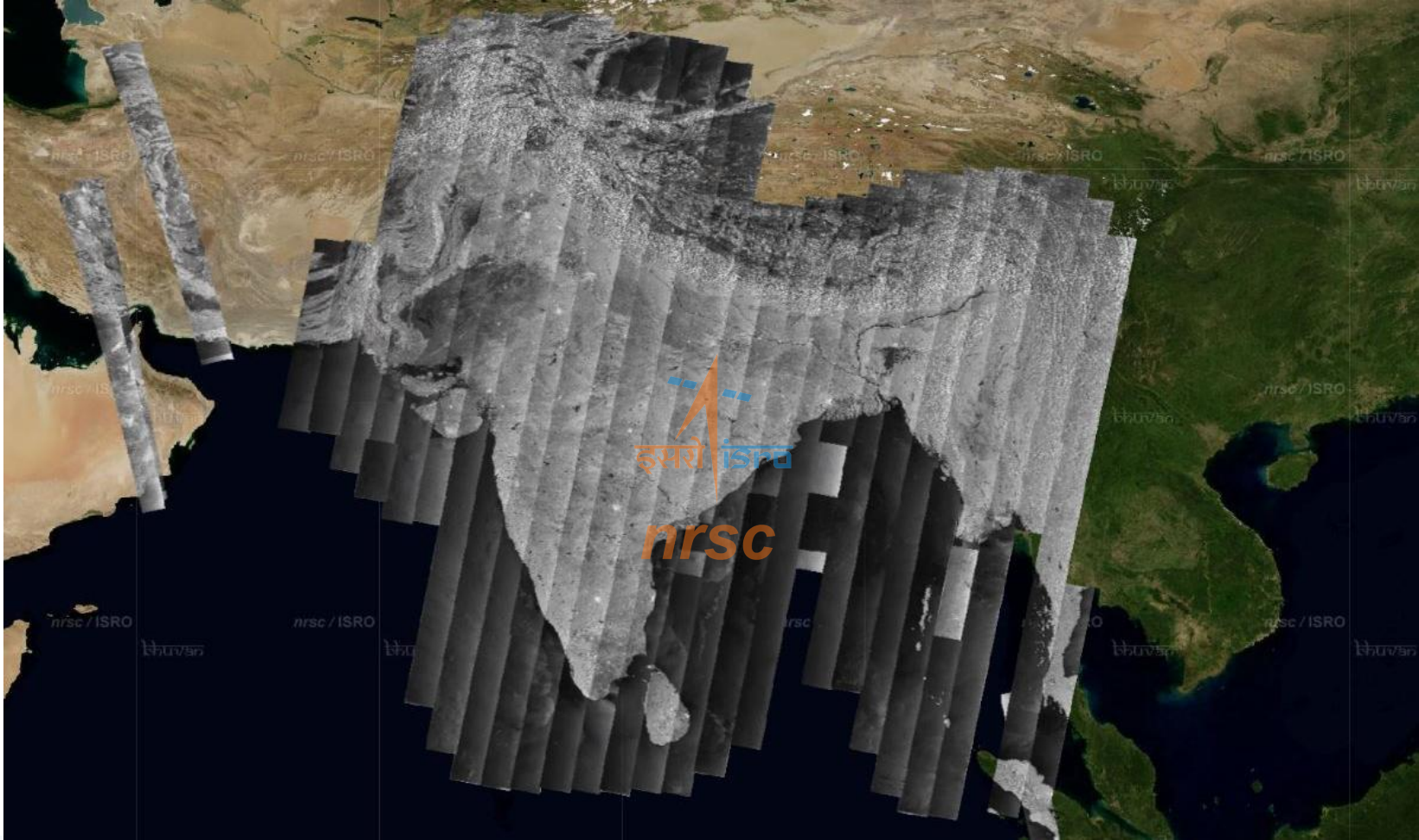


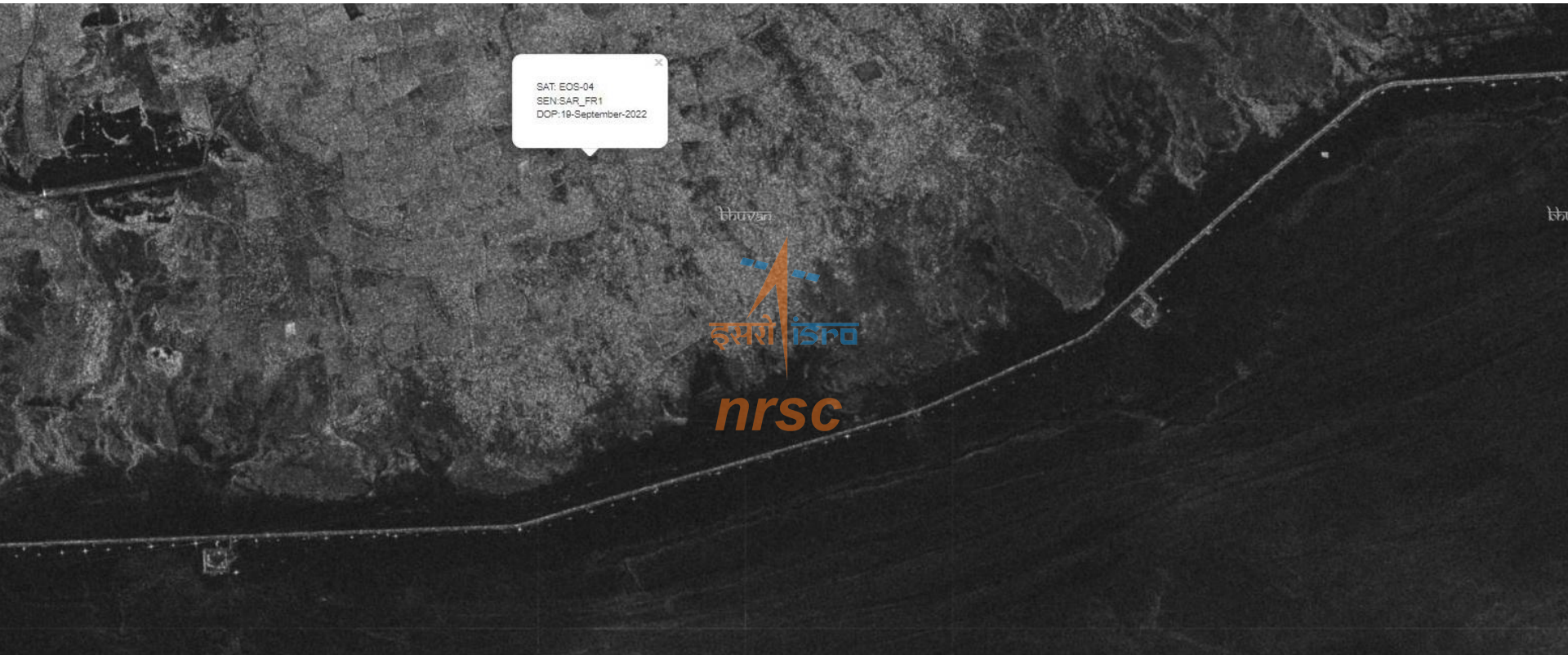
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View Data









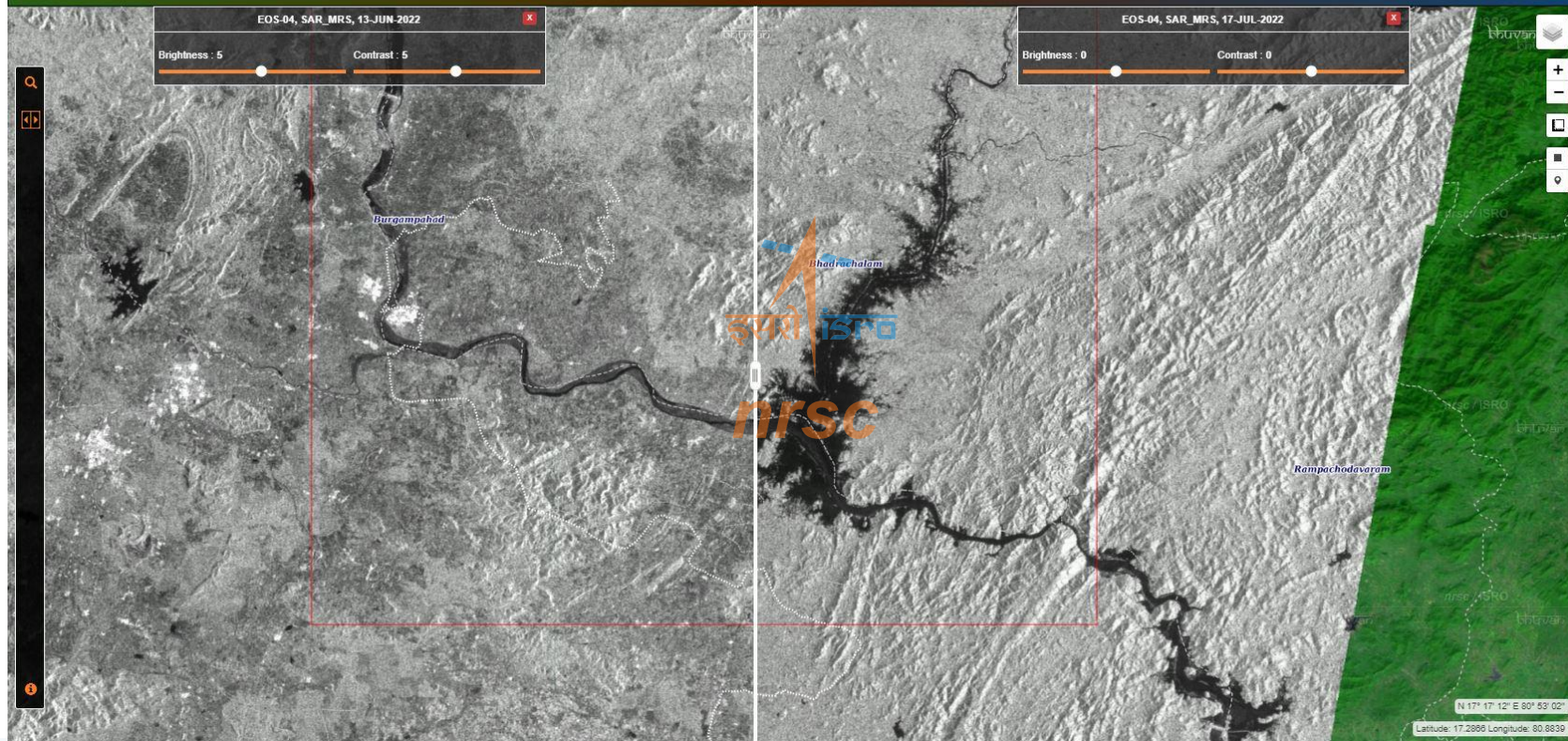
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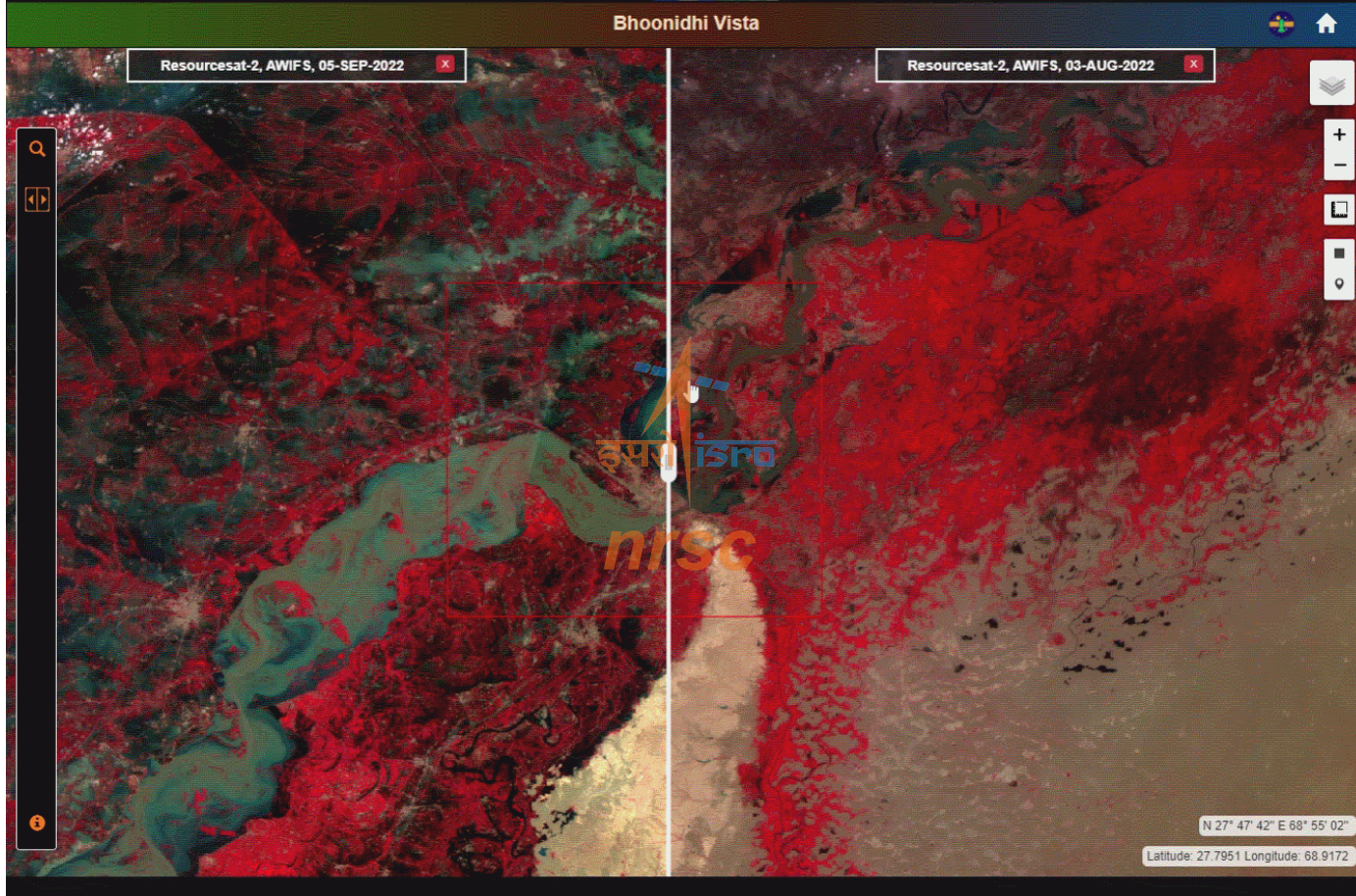


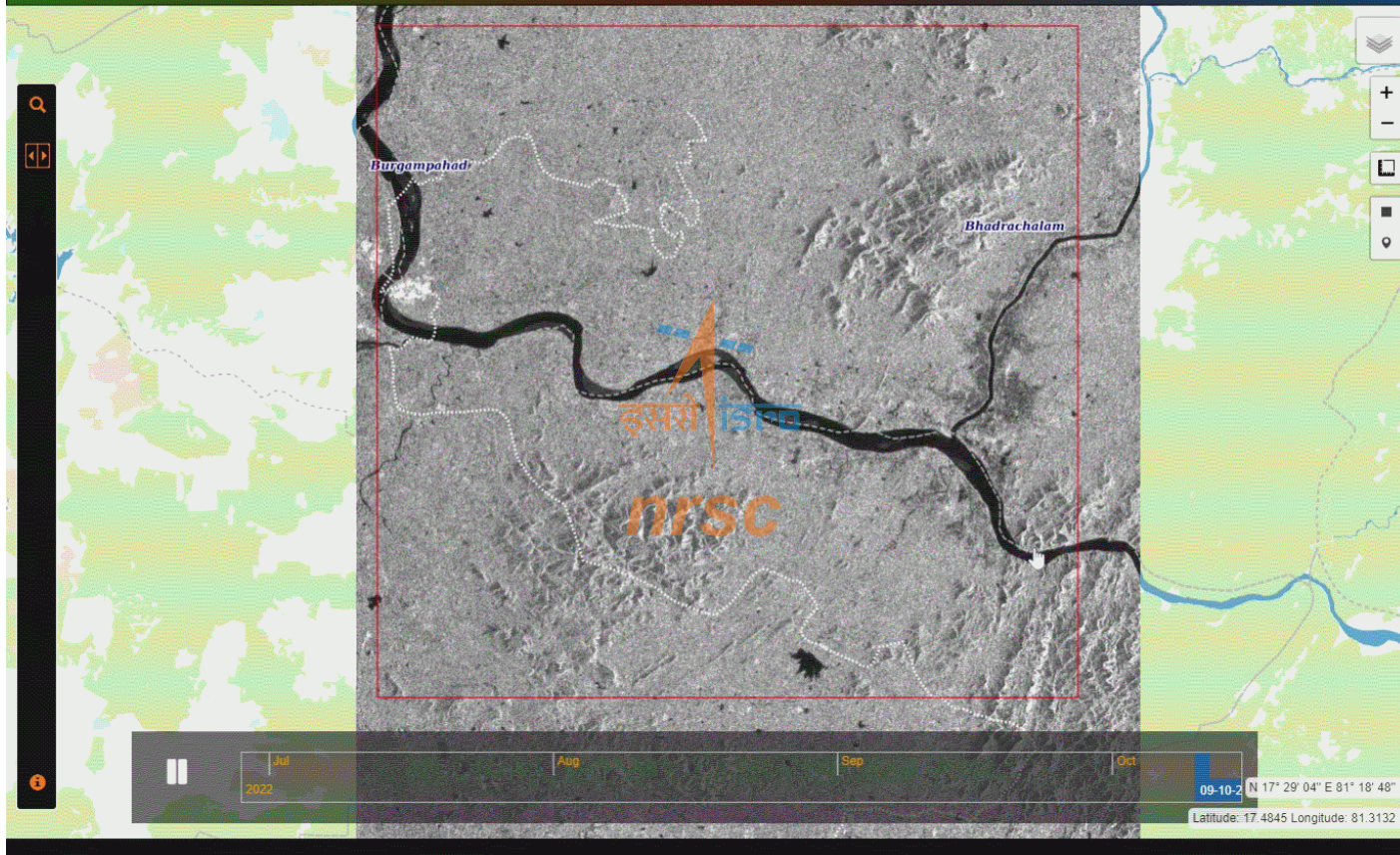


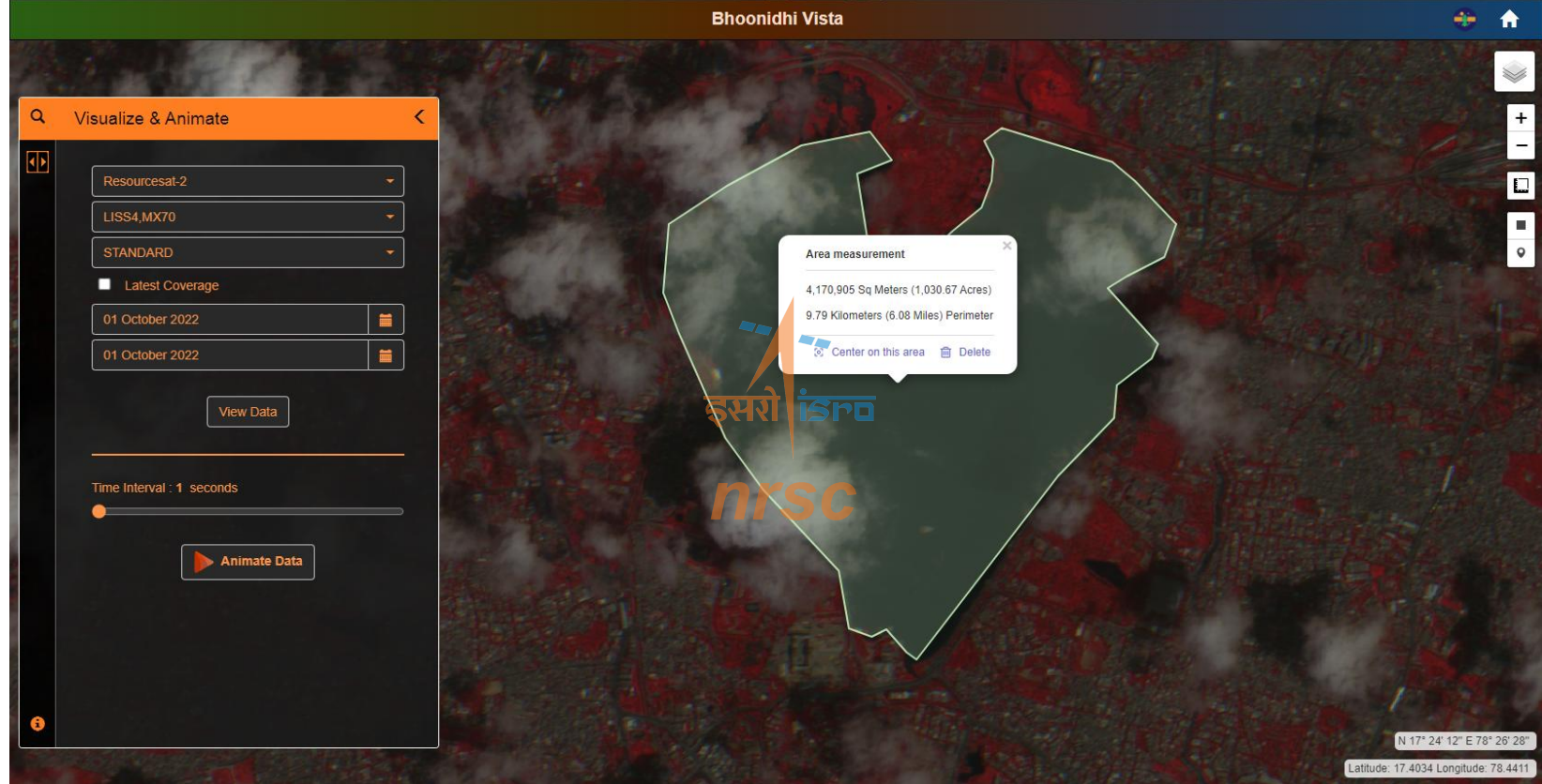
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Vista Demo

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