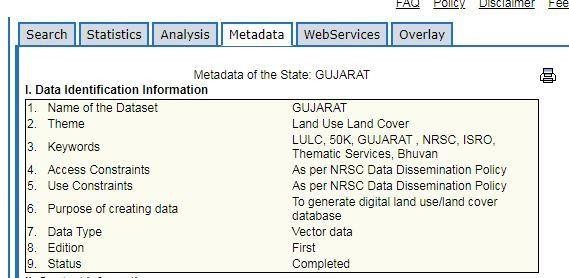
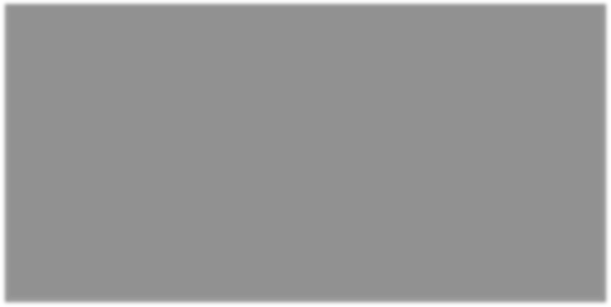
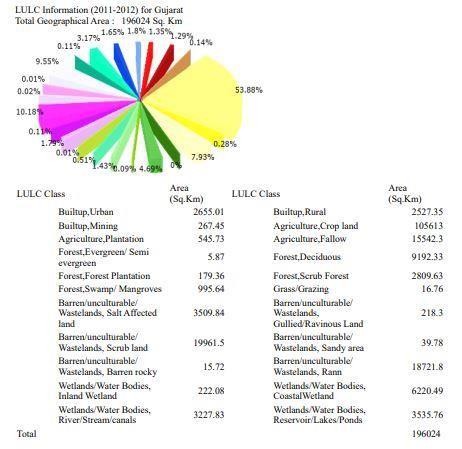
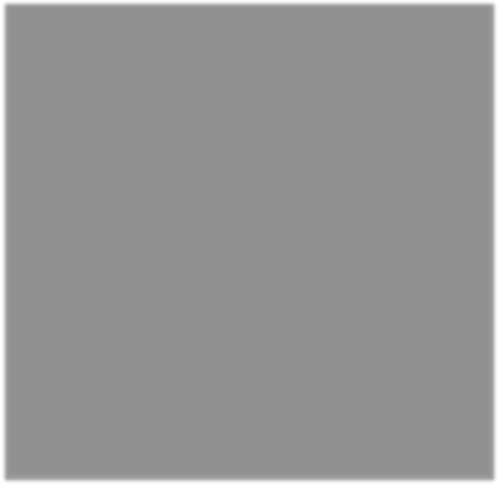
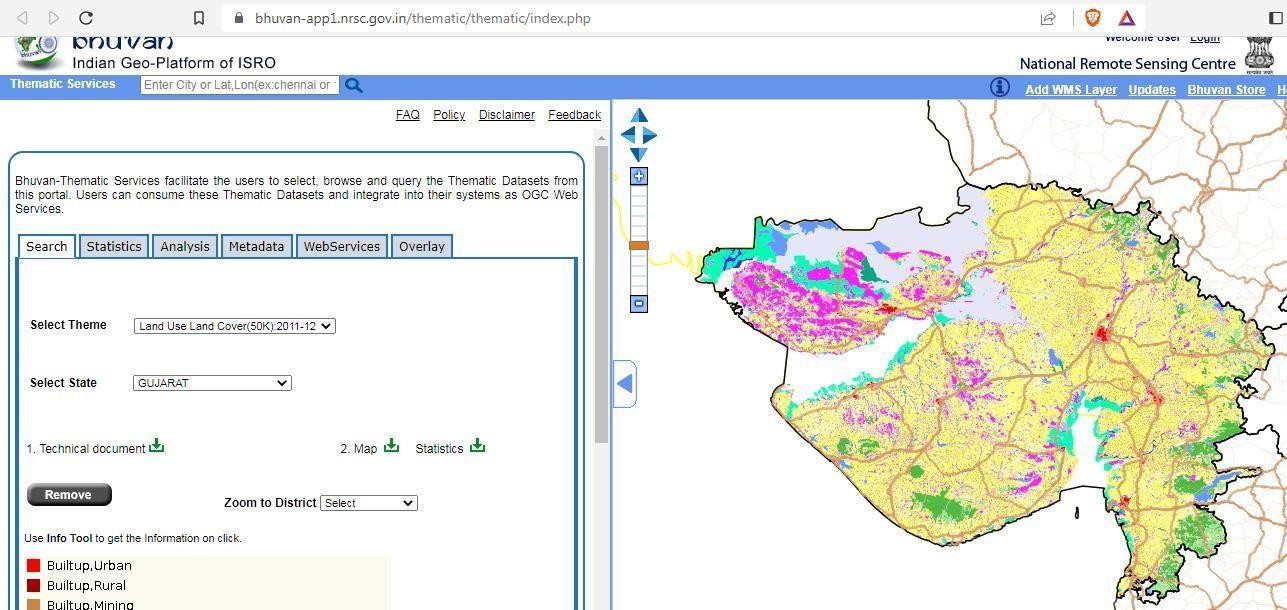
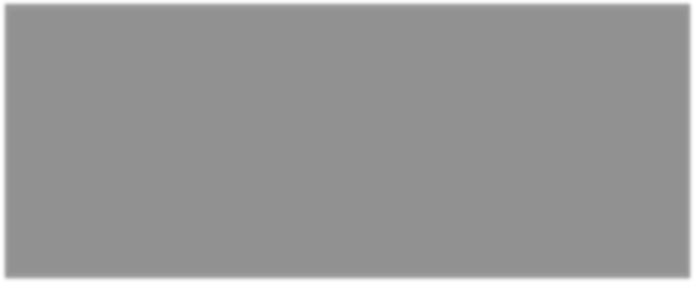
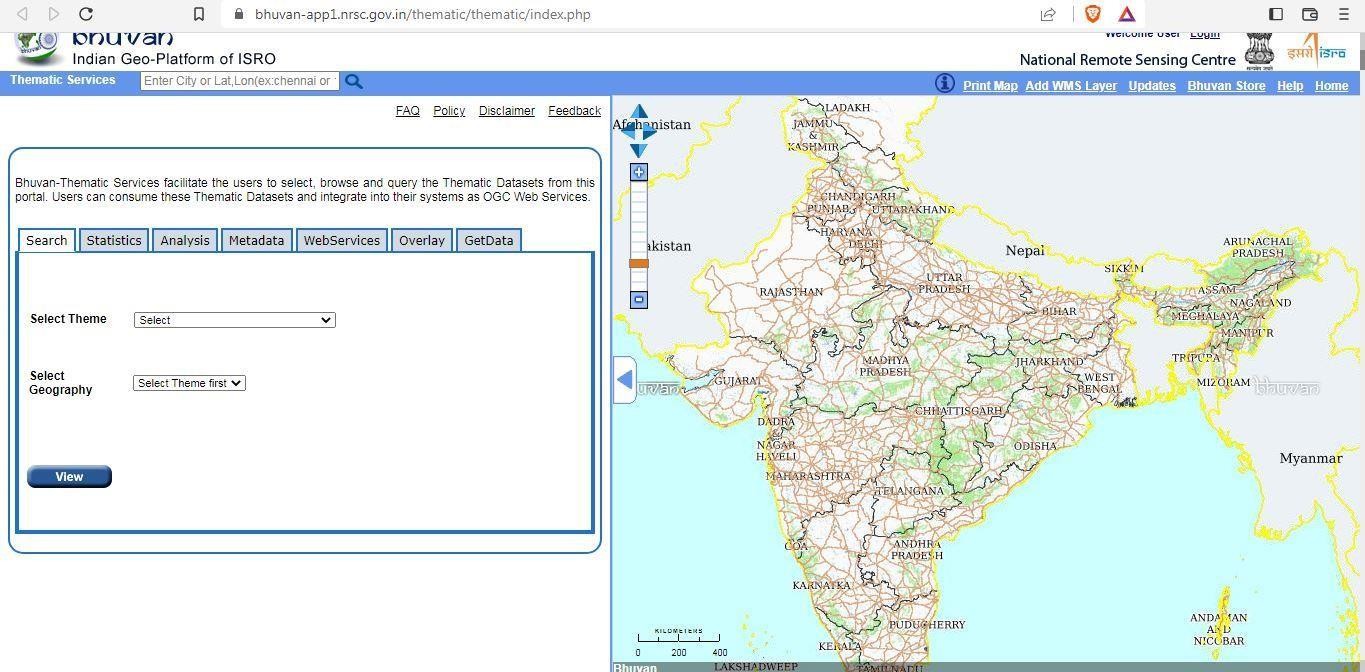
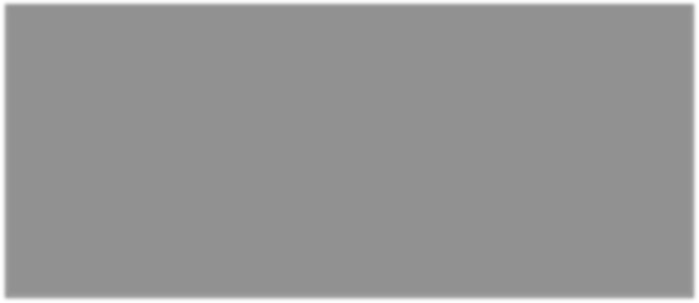
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| --- | --- | --- |
|  | **SARVAJANIK COLLEGE OF**  **ENGINEERING AND TECHNOLOGY .** |  |

**Data collection from Bhuvan**



## Thematic Services:

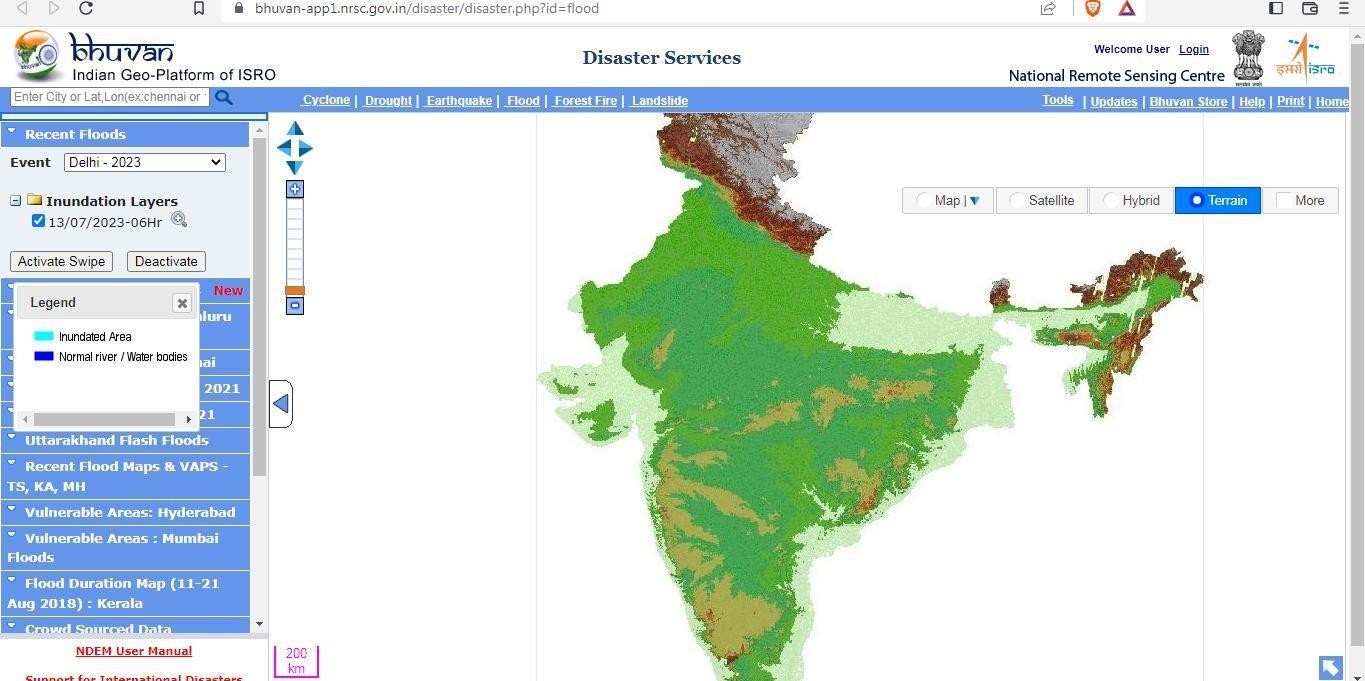
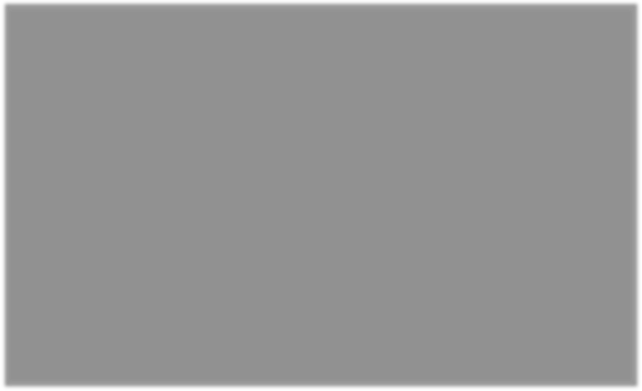
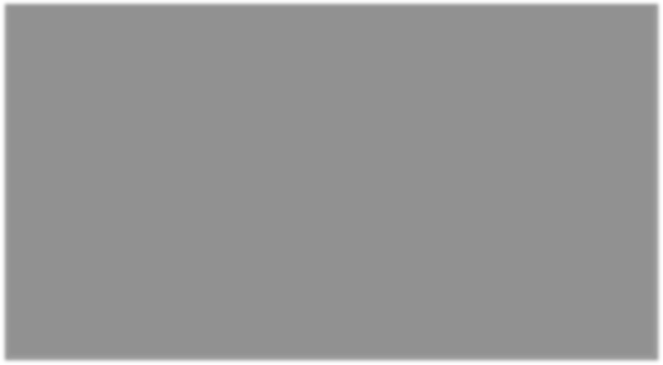
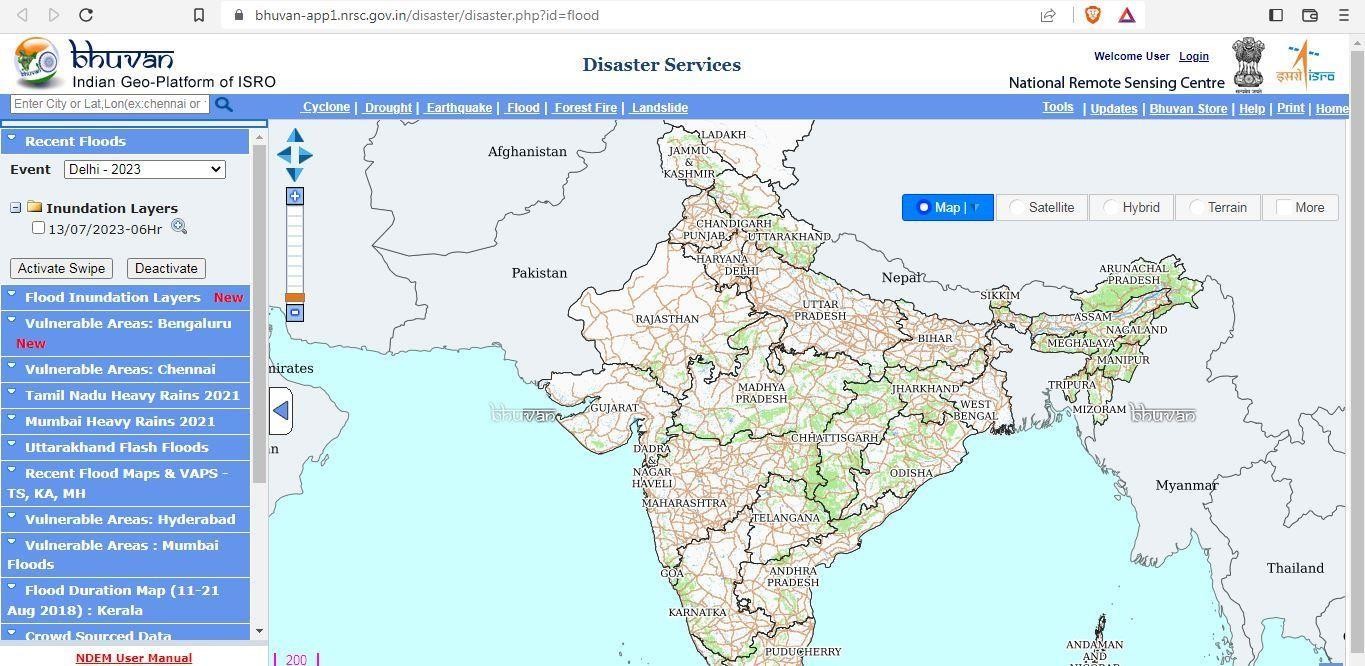
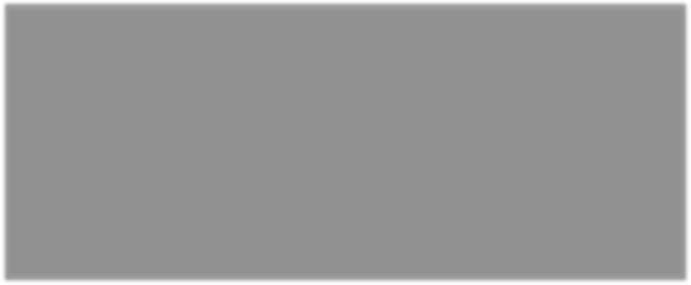
* + Thematic Layers For Land Use Land Cover Data, Urban Land Use, Waste Land, Glacial Lake Water Bodies, Geomorphology, Lineament, Flood Hazard, Flood Annual Layers, Erosion, Salt Effected And Water Logging, Water Bodies And Urban Sprawl Are Available For Visualization On This Link. All These Layers Have The Provision To Be Accessed As Wms Service Through Various Clients Like Openlayers, Qgis, Arcgis Etc. These Services Can Also Be Linked To Website In Internet Or Local Area Network. These Thematic Layers Are Available Only On Bhuvan For India And This Makes Bhuvan Unique.



# Disaster Management Support Services :

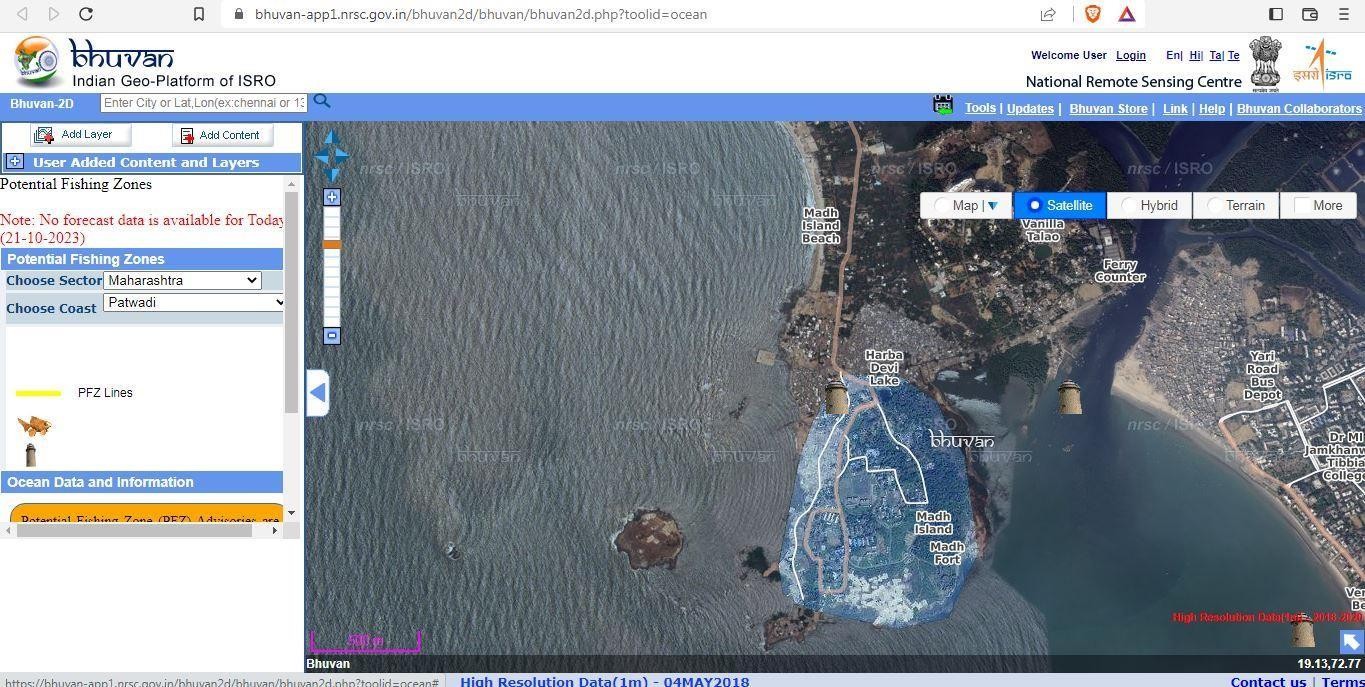
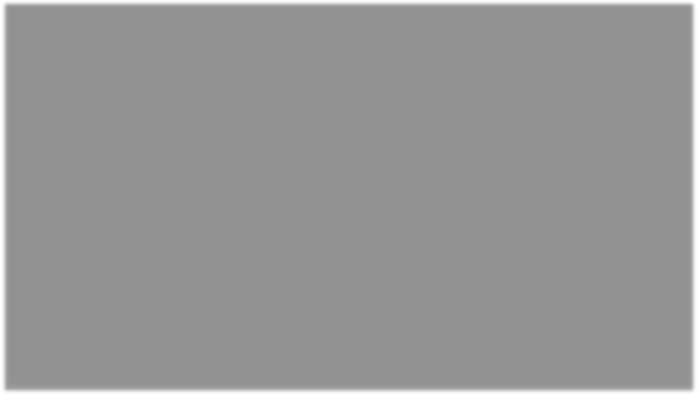
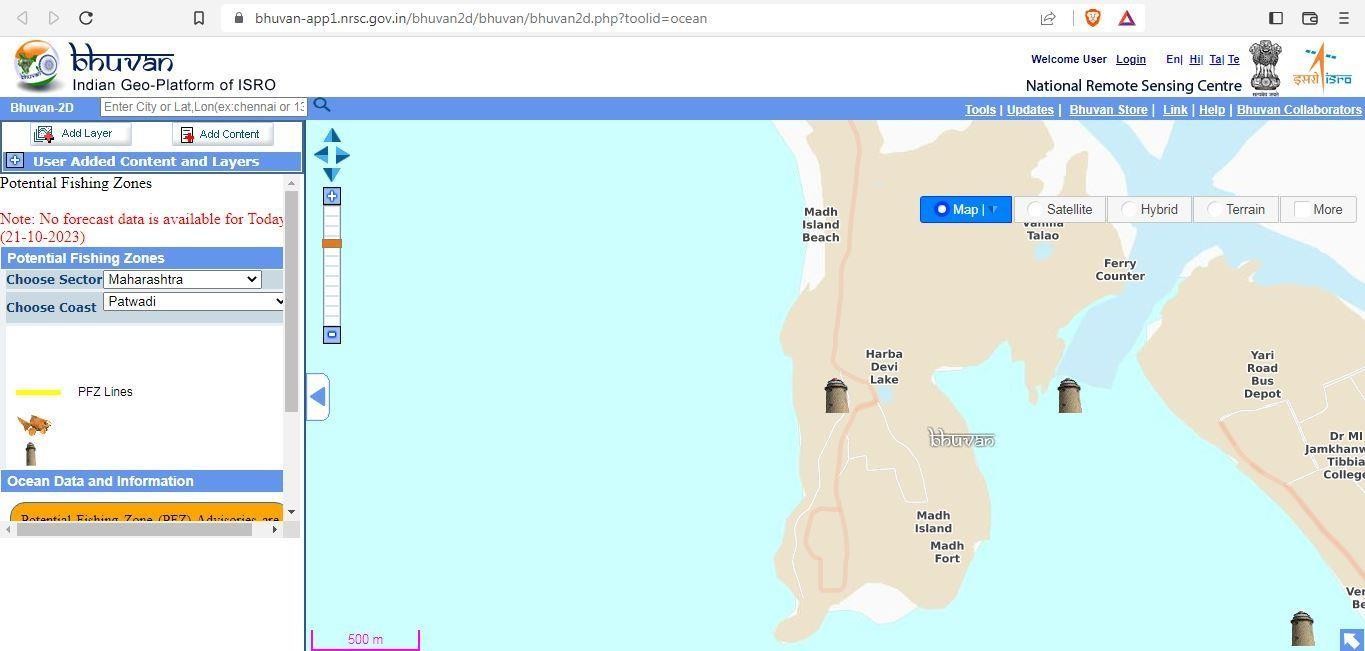
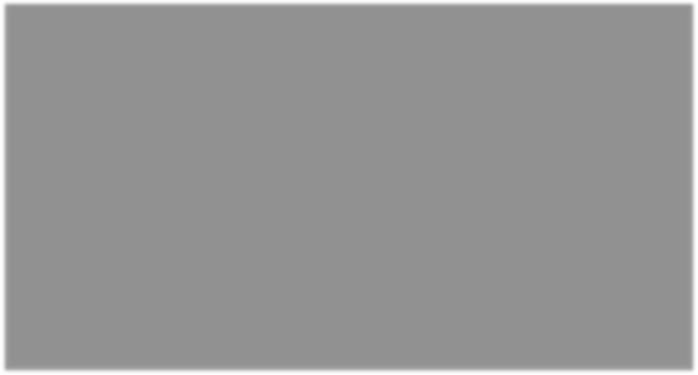
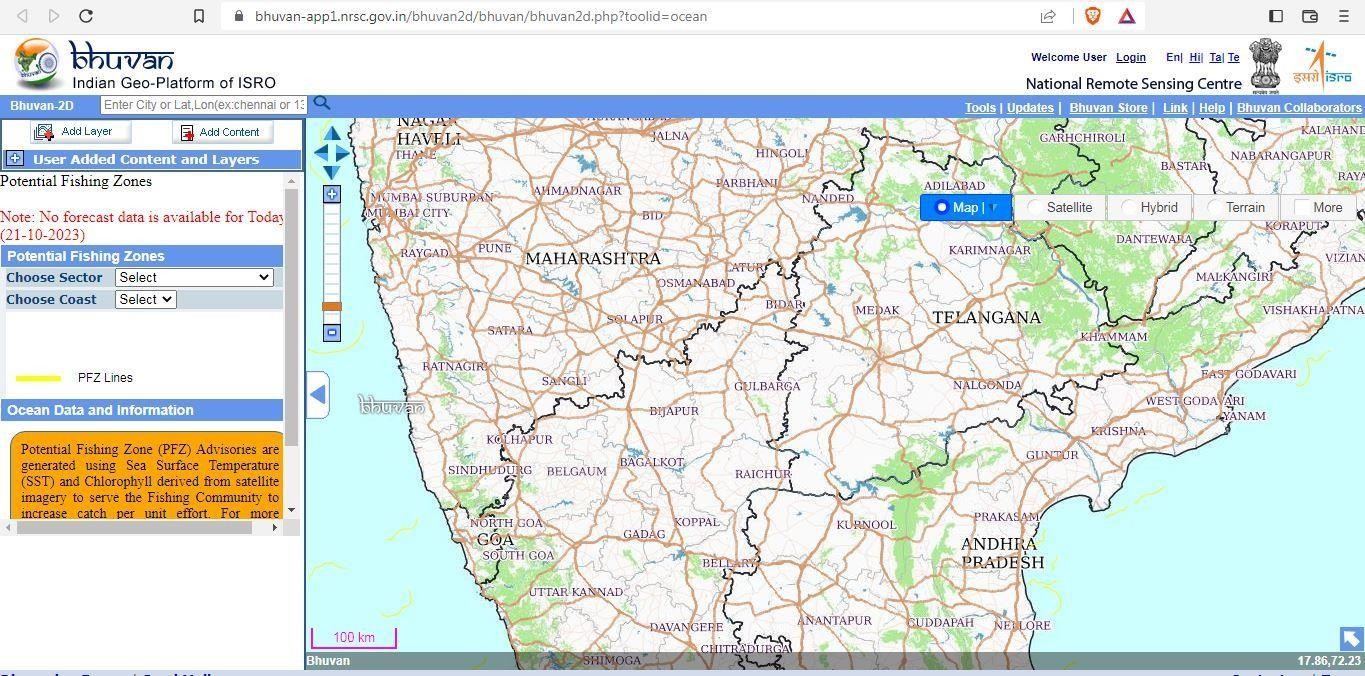
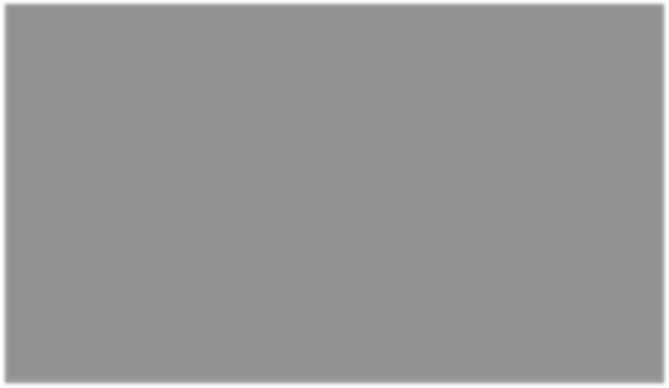
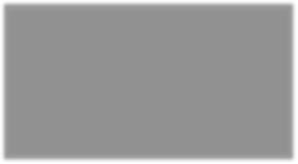
* + Disaster Management Support Programmed , Decision Support Centre is established at NRSC for monitoring natural disasters viz. flood, cyclone, agricultural drought, landslides, earthquakes and forest fires in near real-time using space and aerial remote sensing based inputs.
  + National Database for Emergency Management (NDEM) serves as national repository of GIS based database for entire country coupled with set of Decision Support System tools to assist the State / Central Disaster Management Authorities in decision making during emergency situations.





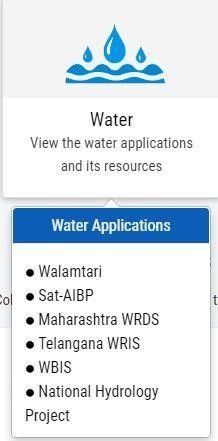
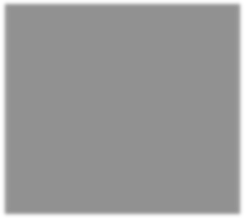
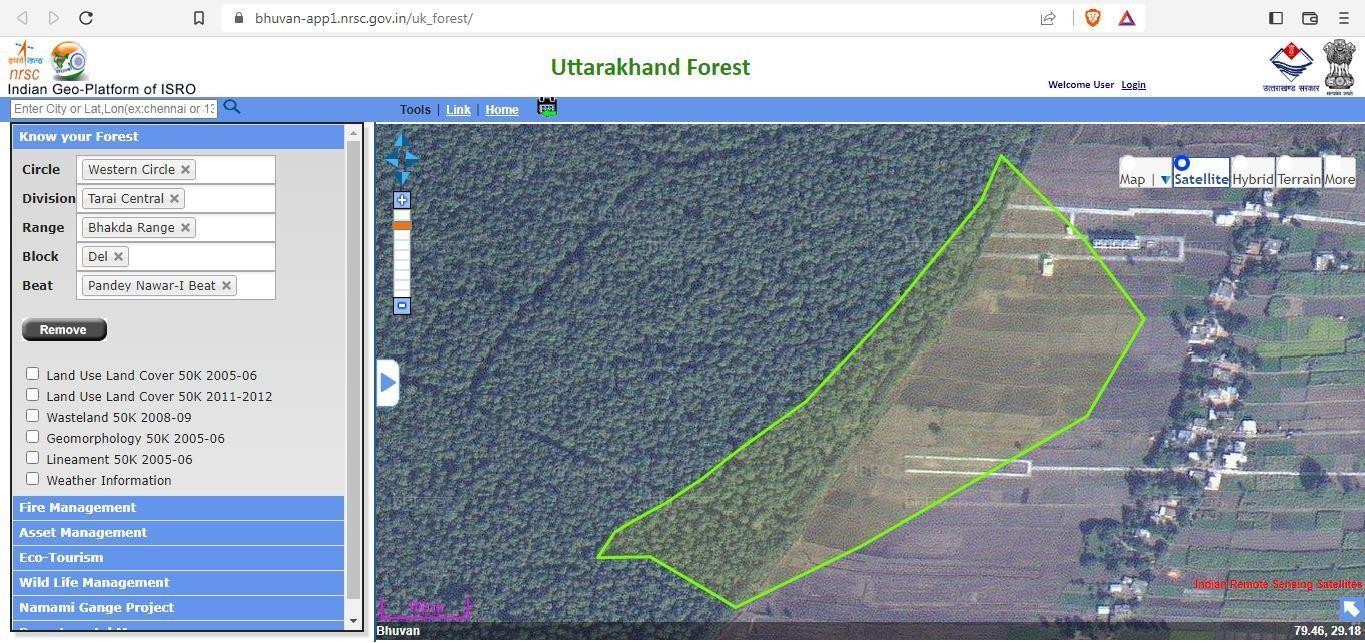
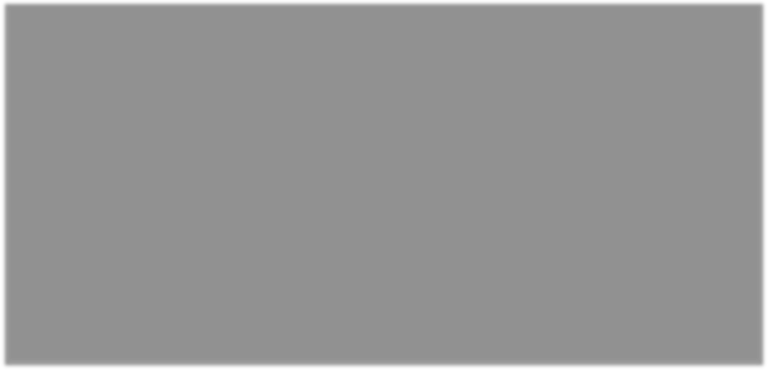
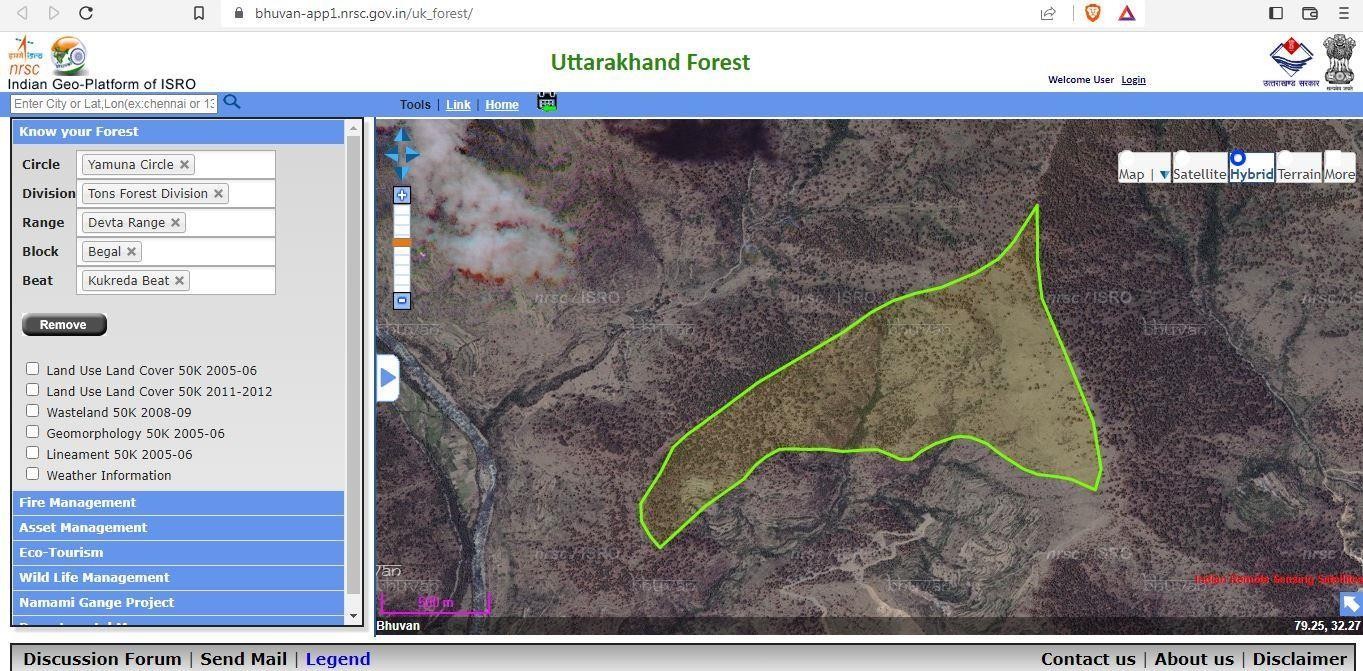
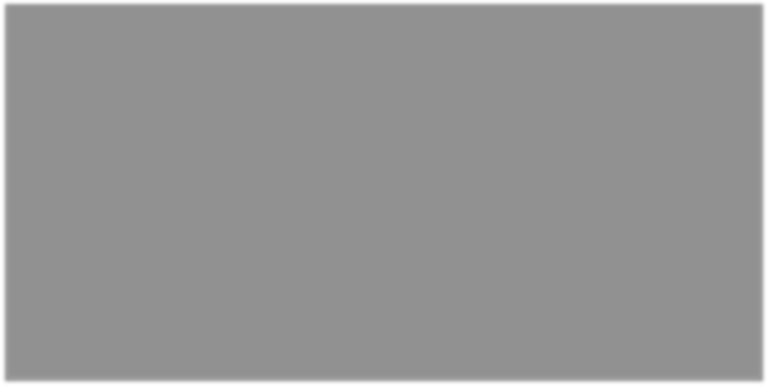
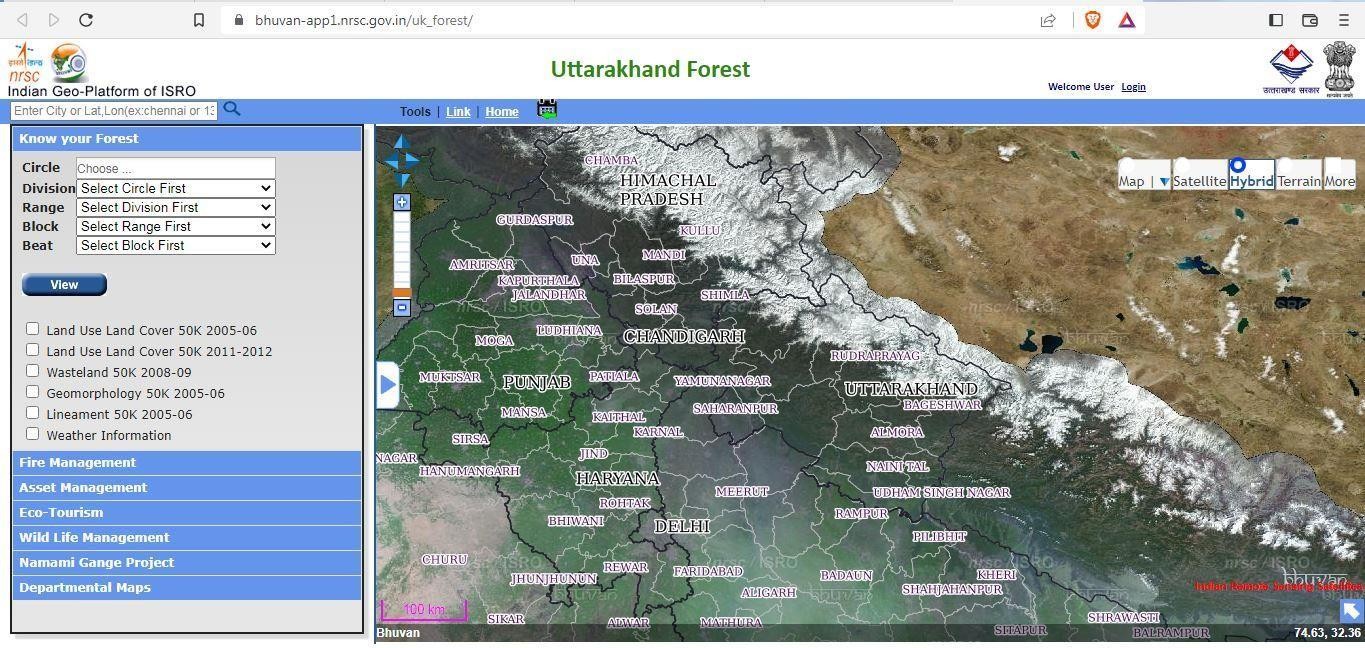
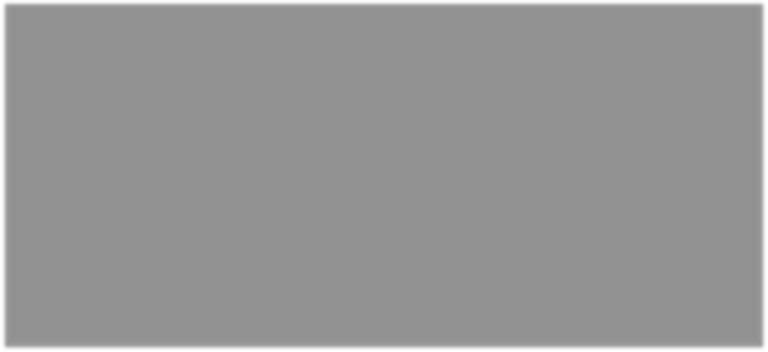
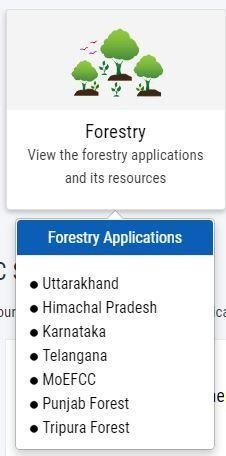
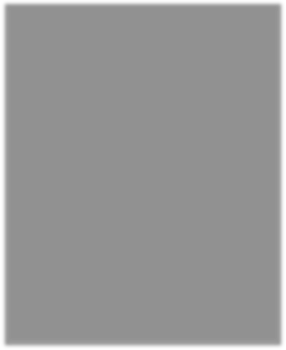
# Ocean Services:

* + This functionality provides Potential Fishing Zone (PFZ) advisories and information on sea, derived from the satellite imagery. It gives you two drop down boxes for the selection of coastal states and the corresponding fishing zones.



# Uttarakhand Forest:

* + Salient Features
  + Collaborator-Department of Forest, Uttarakhand
  + Portal provides forest fire alerts, administrative forest boundaries, climate vulnerability, wildlife related data for visualization
  + Application URL: <https://bhuvan-app1.nrsc.gov.in/uk_forest/>



# Water Resources Management:

* + Bhuvan acts as a platform for management of water resources nationwide by providing more than 20 ministry portals and 30 state portals; besides active support for flagship programmes of the government such as Integrated Watershed Development Program (Srishti-Drishti) and National Mission for Clean Ganga.

