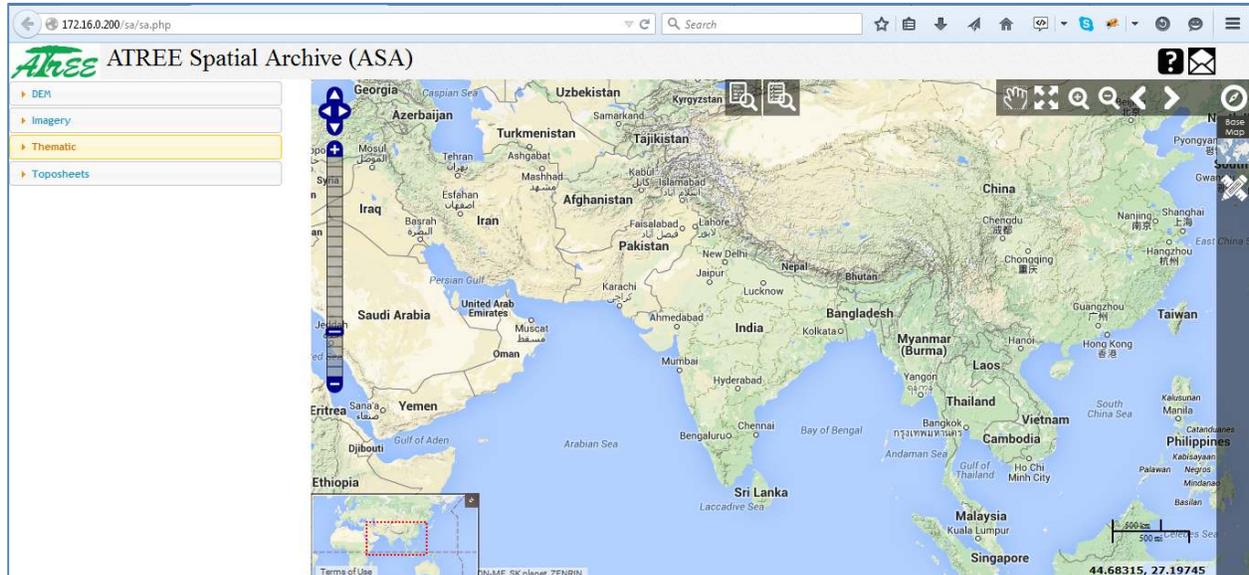


ATREE Spatial Archive

User Manual



About

ATREE has been using geospatial data sets from its inception. Extensive spatial data sets have been generated over last decade through various projects. ATREE spatial archive is an attempt to store and distribute all the spatial data available at Ecoinformatics Lab among the atree community. Large part of this archive is accessible for everyone at atree. Project outputs need permission from respective PIs.

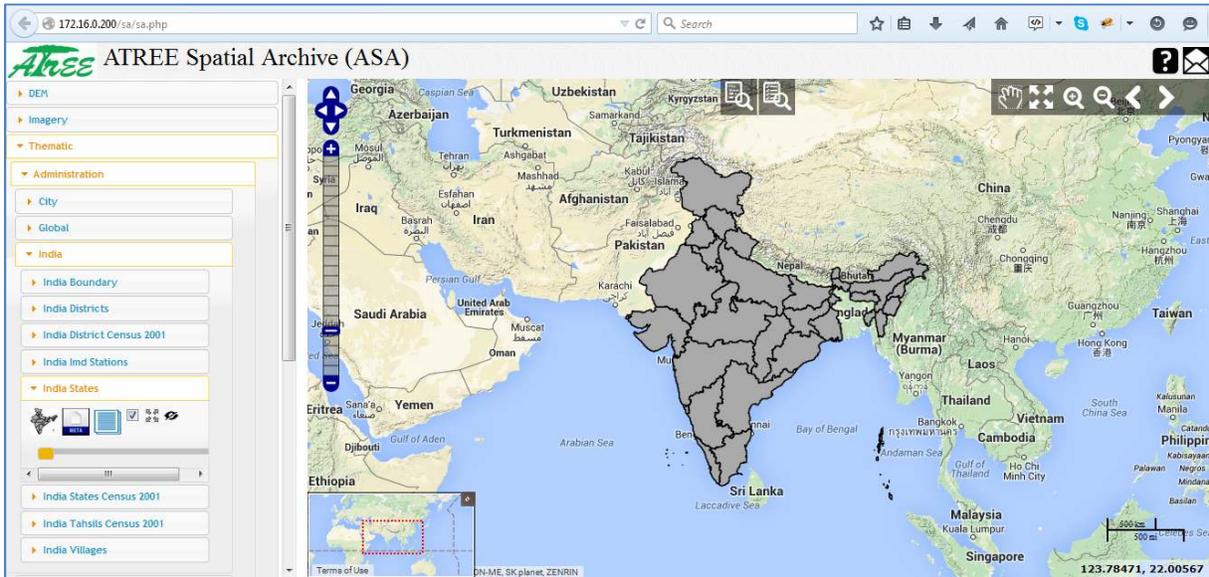
The Structure of the Portal

All the spatial data on the portal is categorized into various categories and sub-categories into which layers are organized. There are broadly 4 categories as listed below:

- DEM (digital elevation model)
- Imagery (Satellite Imagery / Raster layers)
- Thematic (Vector layers)
- Toposheets (Digitized Toposheets)

These categories are further divided into further nested sub-categories like Administration, Biodiversity, Roads, Water, Physical, Vegetation...etc in case of thematic layers and type and coverage of layers in case of layers other than thematic layers. These are further divided into scale of layers like Global, Indiawide, Statewide, Regionwide, Citywide and Others. A description of various features, functions and

navigation for the spatial archive portal has been given below. It is advised to read this first before using the spatial archive.



Map Tools	
	Layer Manager Provides listing of all the layers on the portal and the ability to directly filter down to the layer of interest.
	Manage Active Layers List/manage layers loaded onto the map
	Pan the Map Pan the map to the area of interest
	Zoom to Map Extent Zoom to the maximum extent of the entire map
	Zoom In Zoom into area of interest for more details of the area
	Zoom Out Zoom out for larger area coverage
	Previous View Go back to previous state of map display
	Next View Go to the next state of map display
	Toggle Navigation Tools Hide/show navigation tools on the application interface
	Base Map Menu Select from Physical/Street/Satellite mode of Google maps
	Measurement Tools Calculate distance/area measurements on the map

Layer Tools	
	Map Thumbnail Displays a thumbnail view of the listed layer
	Display Meta Data Displays the Layer details with attribution/source, license, accessibility and other relevant details. Also lets user download the layer if permitted.
	Display Attribute Data Displays the attribute data attached to the layer
	Enable/Disable Layer Enable/Disable the selected layer
	Zoom To Layer Extent Zooms the display to the maximum extent of the selected layer
	Hide/Show Layer Sets the visibility of the selected layer
	Transparency Sets the transparency of the selected layer to either

Other Links	
	Help (User Manual) Provides detailed description of tools and features on the portal.
	About ATREE Spatial Archive Provides a brief background about the ATREE Spatial Archive System.
	Contact ATREE EI Lab Enables portal users to send feedback or contact the ATREE Eco-informatics lab personnel for any help regarding the data on the portal.