MAPATHON3371: Natural and Man-Made Features Map

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1. ISRO DATA USED

* India\_Boundary.shp
* India\_State\_Boundary.shp
* India\_District\_Boundary.shp
* <https://bhuvan-app1.nrsc.gov.in/state/JH>
* <https://bhuvan-app1.nrsc.gov.in/gisviewer/>

1. SPECIFIC STEPS IN GIS

* Used QGIS version 3.10
* Extracted Jharkhand map from PC with extension .shp
* Blended the layer with water bodies layer
* Created another shapefile layer and drew state boundary
* Contoured forest region in the map by using polygon and shapefile layer
* Added in different points for different layers representing minerals, mines and dams
* Created new print layout and added map to it
* Defined in it scales, coordinates, grid and frame (Zebra)
* Added base scale and northern arrow
* Created and embedded Legend details
* Added labels to dams and sanctuaries
* Exported as jpeg fil

1. Application of the Map

The map can be used to locate major dams in the state which can be used to redistribute water in regions of deficit by finding their pathways. Additionally, looking onto the mines and minerals aspect, specialists can determine the mineral proficiency of the region and can thus extract or invigorate them. For determining the amount of wildlife protected in the state, the map provides details for major existing sanctuaries in the state. Altogether, the above features will determine the self-sufficiency of the state in ecological terms which can benefit the corporations, small-scale businesses or alike sectors existing in the state-run.

Thank You. : )