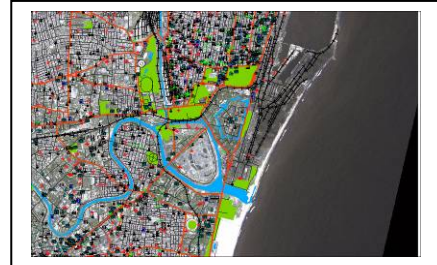


## Case Study: DTM Data Services, Chennai City, India

### Project Overview

Chennai is a metro city on the east coast of southern part of India. Annova has developed DTM data set containing several data packets with Clutter (Land use and Land cover), Heights, Linear Vectors, Point features of special interest for entire India at 15m raster resolution and more than 100 cities with less than 6m resolution.














### Process Flow

The raster based land use and land cover output for Chennai is being prepared after orthorectification and pan sharpening between IRS LISS-IV multispectral images and Cartosat-I PAN satellite images of 2.5 meter resolution.

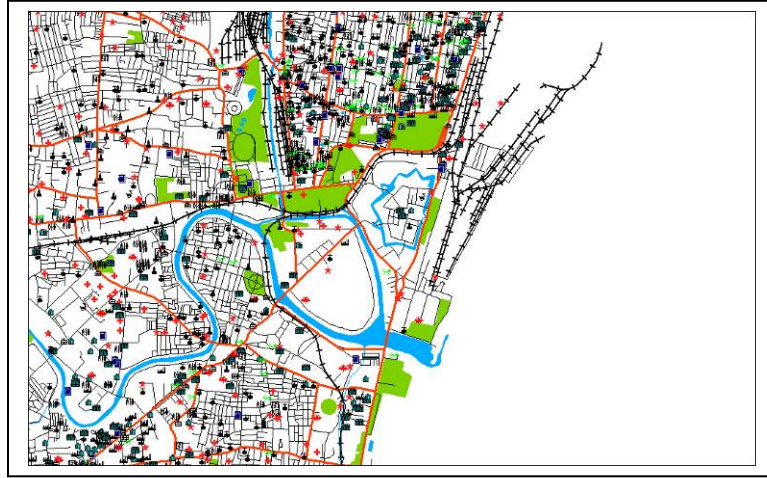


Chennai Clutter at 2.5m resolution

The classes of the clutter are as below-

	Open land		Waterbody
	Agriculture		river
	Fallow land		Beach
	Low density vegetation		Sea
	High density vegetation		Sub urban
	Urban low density		Port
	Urban medium density		Dump
	Urban high density		Mine_Explor_Construct_site
	Village		Sport
	Industry		Orchard
	Airport		

Linear Vectors of Road and Rail network and natural features are being prepared at 1:4000 scales with detailed navigable concept applied. Points of interest and special features are also being captured with high level of locational accuracy with different kind of GPS survey and with detailed classification.



Chennai Road & Rail Network Linear and POI

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