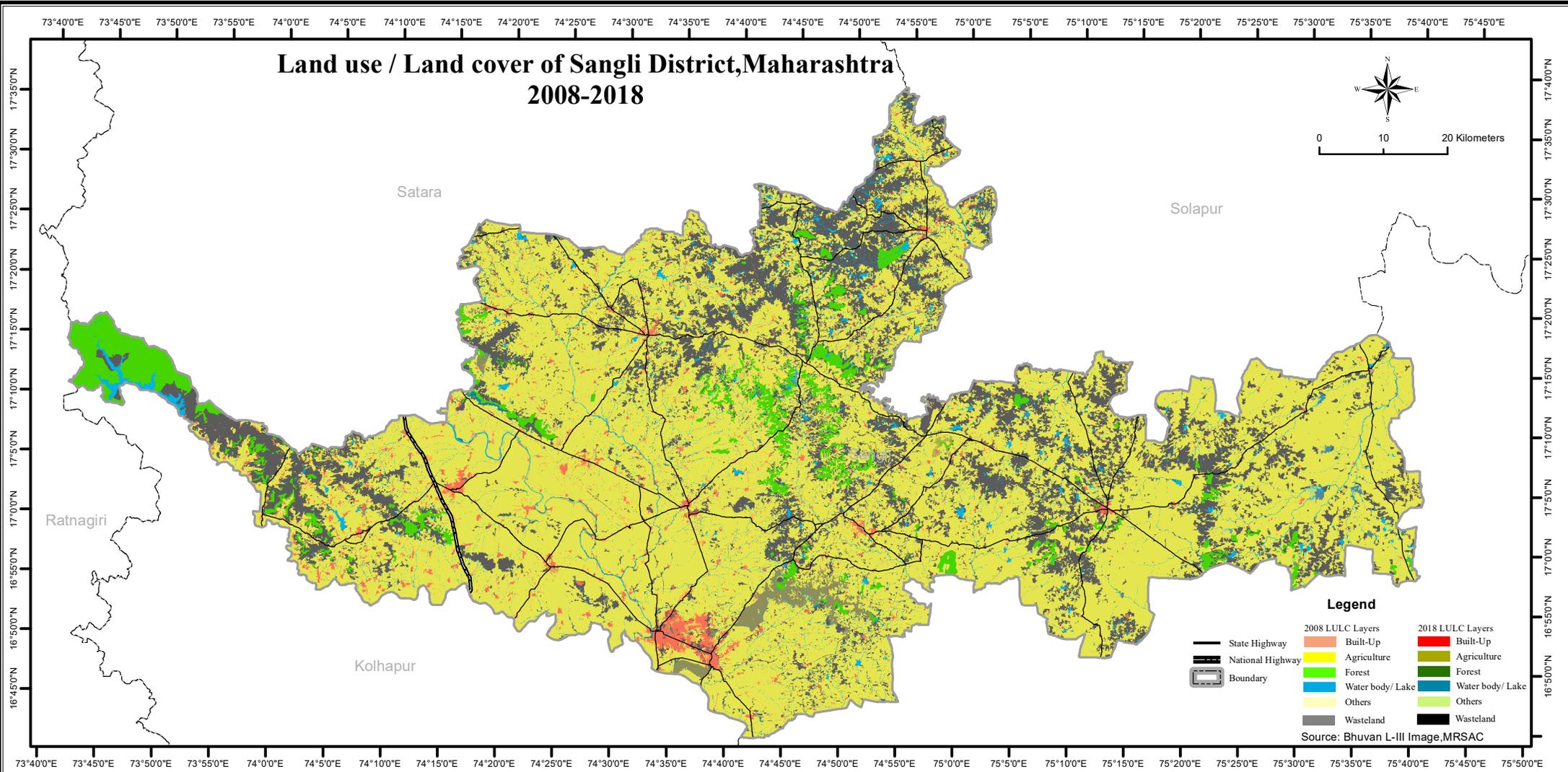


# Land use / Land cover of Sangli District, Maharashtra 2008-2018



**Legend**

State Highway	2008 LULC Layers Built-Up	2018 LULC Layers Built-Up
National Highway	2008 LULC Layers Agriculture	2018 LULC Layers Agriculture
Boundary	2008 LULC Layers Forest	2018 LULC Layers Forest
	2008 LULC Layers Water body/ Lake	2018 LULC Layers Water body/ Lake
	2008 LULC Layers Others	2018 LULC Layers Others
	2008 LULC Layers Wasteland	2018 LULC Layers Wasteland

Source: Bhuvan L-III Image, MRSAC

## Map description and analysis

### Introduction:

The objective of this study forms the basis of all the analysis carried out in this map. The results are presented in the form of maps, charts and statistical tables. They include the static, change and projected land use land cover of each class.

### Land Use Land Cover Distribution :

The static land use land cover distribution for each study year as derived from the maps are presented in the table below, Area in Square kilometre.

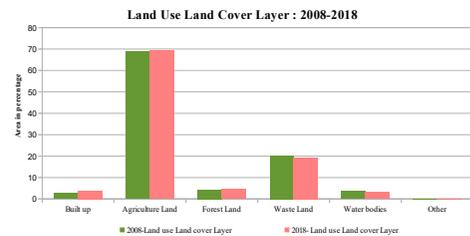
Layers	Built-up	Agriculture Land	Forest Land	Wastelands	Water Bodies	Others	Total
2008	239.34	5923.11	378.45	1736.96	314.81	4.00	8596.70
2018	335.82	5954.80	380.00	1658.24	263.79	4.02	8596.70

### Analysis:

We can observe that built up increased from 2.78 to 3.90, similarly agricultural area increased from 68.89 to 69.26, and forest area changed to 4.42% from 4.40%. Decrease in the area of wasteland and waterbody can be observed i.e. 19.28 from 20.20% and 3.04% from 3.66%.

### Conclusion:

Change is not observed in other categories i.e. mining etc. It can be concluded that wasteland and waterbodies in 2008 are decreased due to an increase in 2018 built up and agriculture. This map can be used for Natural resource management, Wildlife habitat protection, Urban expansion/ encroachment, Routing and logistics planning for seismic /exploration/resource extraction activities, Damage delineation.



	<b>Team Name:</b> Vision with us
	<b>Topic:</b> Land use and Land cover change detection using geospatial techniques in Sangli District, Maharashtra
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