

SPRAWL SETTLEMENT CHANGE DETECTION IN 2008 TO 2018 YEAR OF SANGLI DISTRICT MAHARASHTRA

Map description and analysis

Introduction:

Sangli District is a district of Maharashtra State in west-central India. Sangli District is lying between 16°43' to 17°38' north latitude and 73°41' to 75°41' east longitude. Sangli City is the district headquarters. The district is 25.11% urban.Sangli District is composed of 11 talukas

Walwa,Palus,Kadegaon,Khanapur,Kadegaon,Khanapu,rAtpadi,Shirala,Tasgaon,Miraj Kavathemahankal.

The Objectives of Study :

- examining the present nature and pattern of rural settlements, their location, size and shape;
- examining the spacing of settlements and services in the study area.
- studying settlement, growth and movements between the settlements.

Statistic:

Sprawl Setteltment Changes from 2008 to 2018					
Class	2008	2018	Changes in Area (Sq.km.)	Changes in %	Conclusion
Rural Settlement	84.004	106.42	22.417	26	Area increases
Urban Settlement	112.721	136.77	24.05	21.47	Area increases

Rural Settlement and urban Settlement cover categories in 2008 and 2018: The spatial cover of 2008 and 2018 is vividly shown in table

Conclusion:

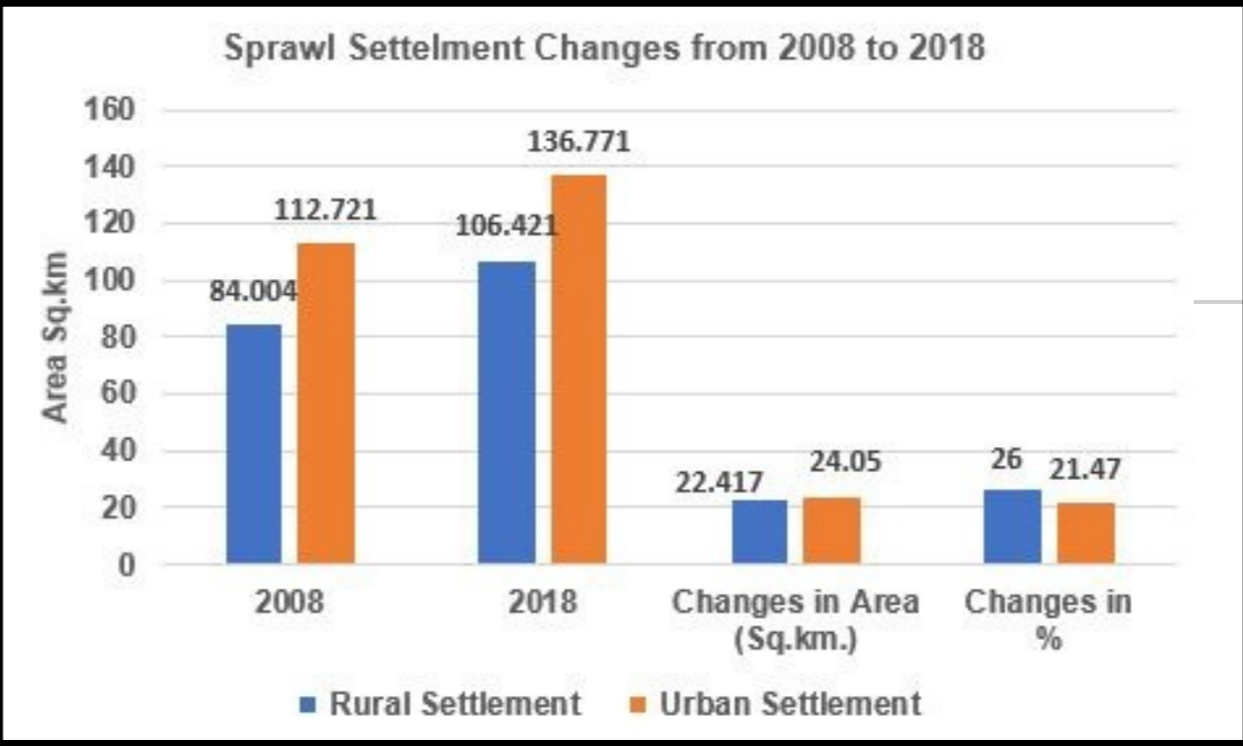
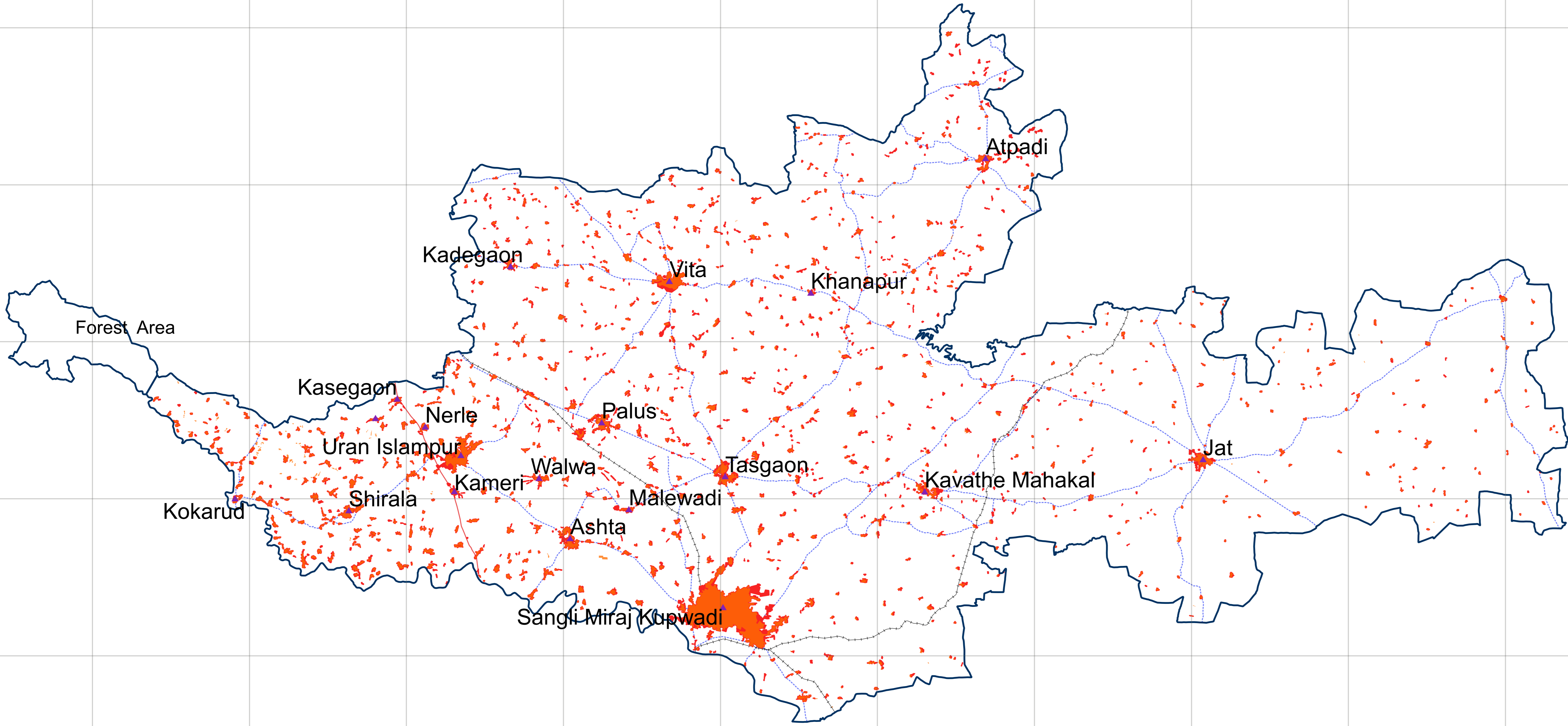
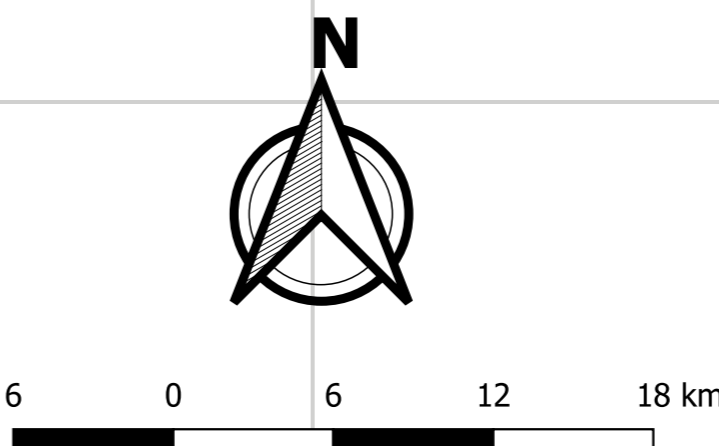
- In the year 2008, urban Settlement occupied by 112.721 km2 and Rural Settlement occupied by 84.004 km2 .
- In the year 2018, urban Settlement occupied by 136.77 km2 and Rural Settlement occupied by 106.42 km2
- The extent of urban areas 24.05sq.km which is about 21.47 % and Rural area 22.417sq.km which is about 26 % from the years 2008 to 2018 Respectively.



Team Name : Nagpur Trackers
Topic: Change Detection in settlement of Sangli District Maharashtra.
Team Lead : Chakor K. Ganvir

Team Member : Akash Tantrapale
Nikhilesh Tiripude
Affiliated Organisation :Maharashtra Remote Sensing Application center Nagpur
Contact /email : 9595802782
chakorworld@gmail.com

17°48'0.000"
17°36'0.000"
17°24'0.000"
17°12'0.000"
17°0'0.000"
16°48'0.000"
16°36'0.000"
16°24'0.000"
16°12'0.000"



Map Legend

- ▲ Taluka village
- Sangli District Boundary
- Settlement in year 2008
- Settlement in year 2018
- Transport Layer Category
 - National Highway
 - Railway
 - State Highway

Data courtesy: BHUVAN, MRSAC Nagpur.

73°48'0.000" 74°0'0.000" 74°12'0.000" 74°24'0.000" 74°36'0.000" 74°48'0.000" 75°0'0.000" 75°12'0.000" 75°24'0.000" 75°36'0.000" 75°48'0.000"