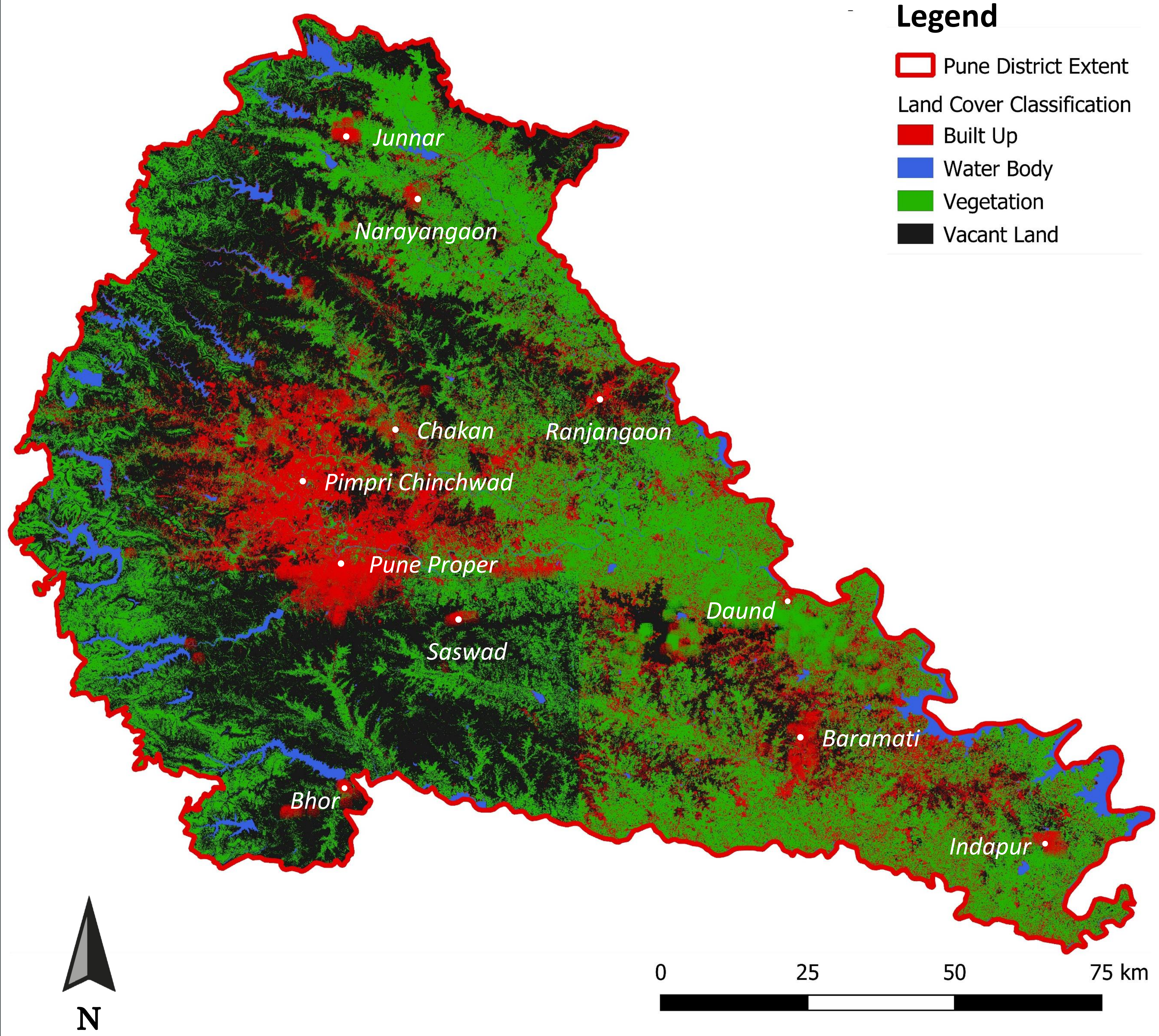


Pune District Land Cover Map (2018)



Legend

- Pune District Extent
- Land Cover Classification**
- Built Up
- Water Body
- Vegetation
- Vacant Land

Map description and analysis

Introduction:

Over the past few decades, Pune District has been witnessing a rural to urban migration pattern as more and more people are opting for a more urban lifestyle in the hopes to receive an overall better standard of living. This has led more and more urban hotspots emerging around the main Metropolitan area. The urban cover pattern must be studied and analysed in order to help town planners make future decisions. Landcover change studies have been an important component of urban planning to manage natural resources and monitor environmental and man-made changes.

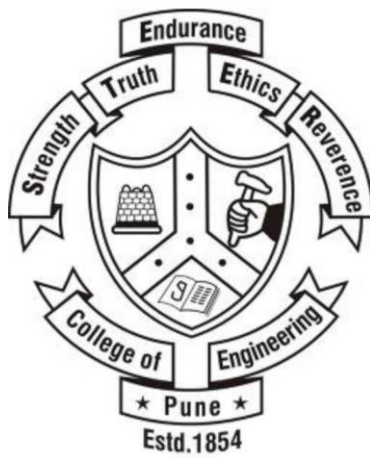
Relevance:

Landcover Maps enable Planners in identifying:

- Available water sources
- Growing hotspots and their typology
- Direction of growth
- Current state of green cover (agriculture & forest)
- Available barren land for further development
- Spatial positions of hotspots with respect to main Metropolis.

Observation:

- Pimpri-Chinchwad and Chakan are emerging Industrial Satellite Towns to Pune City and are major economic contributors to the district.
- Towns like Baramati, Junnar, Indapur, etc are growing towns that are increasingly contributing to the district.
- Pune District is blessed with water in the form of lakes and rivers that supply water to even settlements in other districts.
- The main city is growing towards the North-west direction i.e towards Mumbai City



Team Name: COEP Urban Planners

Topic: LULC and hotspots of Pune District

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Data courtesy: BHUVAN