

# Forest places in Kolhapur district

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## Methodology

- The map required the geographical boundaries data as well as satellite images of forest and greenery location. In this case, following data from BHUVAN maps, Gazetteers department of Kolhapur district was used:
  - Bhuvan 2D map: <https://bhuvan-app1.nrsc.gov.in/bhuvan2d/bhuvan/bhuvan2d.php>
  - The Gazetteers Department of Kolhapur : [The Gazetteers Department - KOLHAPUR \(maharashtra.gov.in\)](http://TheGazetteersDepartment-KOLHAPUR(maharashtra.gov.in))
- Following steps were conducted during preparing a GIS map. Please note that, these are general steps followed during creating every map submitted:
  - Step 1: The data is essential part of map. During the first step, data was collected from proposed online resources in form of co-ordinates and textual data.
  - Step 2: QuickMapService is a service available in QGIS open-source software. These standard maps of earth were used as a support for properly mapping the content. Special care was taken during mapping each item on list.
  - Step 3: The map was exported as a JPG image from software for selected layers on map.
  - Step 4: The map was later converted as a submission using PowerPoint 2016 office software for better understanding.
- Complexities were involved and are as follow
  - There were no specific boundaries for a forest place so it would find that a single large forest is divided in different forest locations by considering the distance between them.

## Applications of map

- The forest map of Kolhapur district can be used to distinguish between urban areas and forest areas. This map can be used to infer the impact of natural resources on specified district. The map provides an information on usage of forests by public which in turns itself an application of this map.