

Habitat Suitability Analysis of Bijaya Sal

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1 Load Packages

```
library(sf) # Load raster and Vector data
library(mapview) # Visualization of Vector Data
library(raster) # Load raster and Vector data
library(spThin) #To thin the spatial data
```

2 Load Presence data of Bijaya Sal (*Pterocarpus marsupium*)

The coordinate of present data is in WGS 84 UTM 44 system.

```
## [1] "id"          "easting"     "northing"    "district"
```

3 Split of Data into Training and Test Set

The data is splited into Training and Test set. The 80% of the total data is used for training the model and rest data set is used for evaluate the model.