

**Title** Base map for Bangladesh Forest Inventory (BFI) DGPS Survey (Sundarbans Zone) [Satellite Image]

**Year** 2018

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**Reference** Hira, S. and Mahamud, R. (2018). Base map for Bangladesh Forest Inventory (BFI) DGPS Survey (Sundarbans Zone) [Satellite Image], Food and Agriculture Organization of the United Nations, Dhaka, Bangladesh.

### Methodology

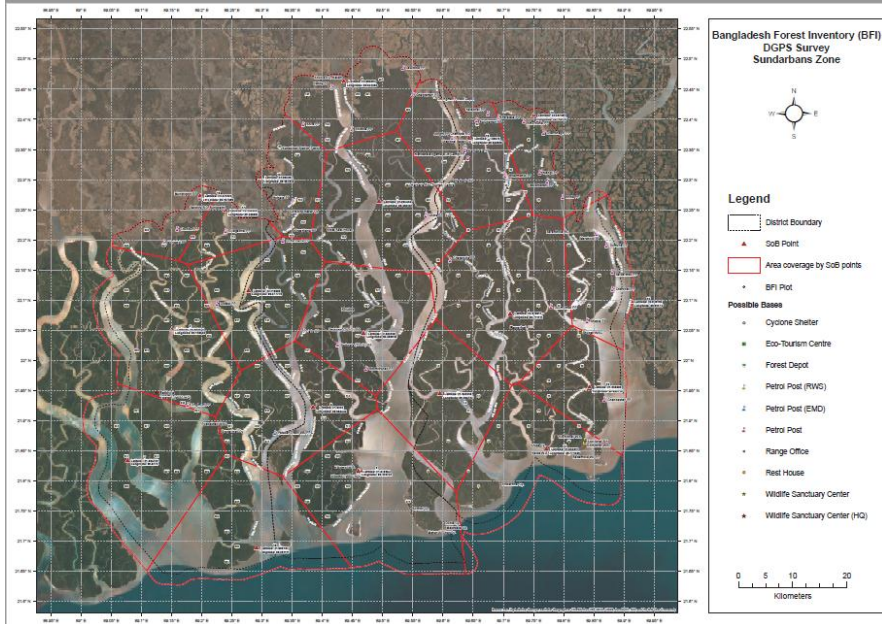
#### Data

Data	Data Directory
District Boundary	258
Zone	327
SoB points	325
BFI Plot	276
Forest Office	156

#### Workflow:

1. A buffer of 2 km has been created to incorporate potential forest offices which can be used as base.
2. All SoB points for sundarban zone have been taken into account and thiessen polygon has been created around them. These thiessen polygons are considered as the survey areas. SoB points are labeled by their coordinates and SoB point number.
3. BFI plots are used and labeled by their number.
4. Only a particular type of forest offices have been taken into account (Cyclone center, Eco-tourism center, forest depot, petrol post (RWS), petrol post (EMD), petrol post, range office, rest house, wildlife sanctuary center, wildlife sanctuary center (HQ))
5. Satellite 'Imagery' has been used as base map from ArcGIS add data option.
6. Graticule grid has been used to refer map grid.

## Results

Description	Image
<p>GCS_WGS_1984            WKID: 4326 Authority:            EPSG</p> <p>Angular Unit: Degree            (0.0174532925199433)            Prime Meridian:            Greenwich (0.0)            Datum: D_WGS_1984            Spheroid: WGS_1984            Semimajor Axis:            6378137.0            Semiminor Axis:            6356752.314245179            Inverse Flattening:            298.257223563</p>	 <p><b>Bangladesh Forest Inventory (BFI)            DGPS Survey            Sundarbans Zone</b></p> <p><b>Legend</b></p> <ul style="list-style-type: none"> <li>□ District Boundary</li> <li>▲ Sub Point</li> <li>□ Area coverage by Sub points</li> <li>• BFI Plot</li> </ul> <p><b>Possible Bases</b></p> <ul style="list-style-type: none"> <li>• Cyclone Shelter</li> <li>• Eco-Tourism Centre</li> <li>• Forest Depot</li> <li>• Petrol Post (RWS)</li> <li>• Petrol Post (EMD)</li> <li>• Petrol Post</li> <li>• Range Office</li> <li>• Rest House</li> <li>• Wildlife Sanctuary Center</li> <li>• Wildlife Sanctuary Center (HQ)</li> </ul> <p>0 5 10 20            kilometers</p>

**Data directory**

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