

Title Base Map for Bangladesh Forest Inventory (BFI) DGPS Survey (Sundarbans Zone)

Year 2018

Author Shrabanti Hira, Rajib Mahamud

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

Methodology

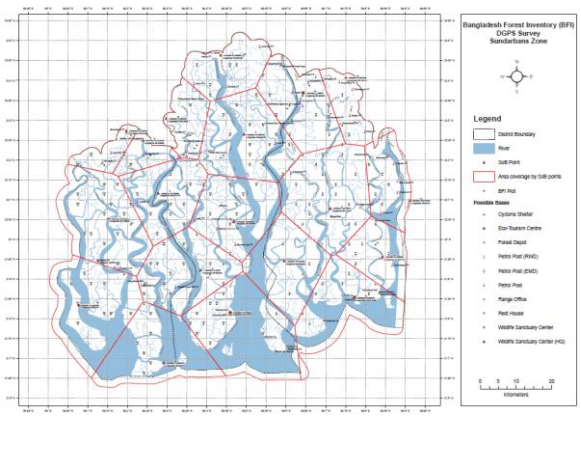
Data

Data	Data Directory
District Boundary	258
Zone	327
SoB points	325
BFI Plot	276
Forest Office	156
Land cover (river)	

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. Land cover data has been used and from there only 'rivers and khals' class has been made visible using definition query.
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>The image is a map titled 'Bangladesh Forest Inventory (BFI) - GCS_WGS_1984 Sanjibkhan ZONE'. It displays a geographical area with a grid overlay. The map features several key elements: <ul style="list-style-type: none"> District Boundary: A thick black line outlining the region. River: Blue lines representing water bodies. GPS Point: Small black dots scattered across the map. Area coverage by GPS points: A red shaded area indicating the extent of the data collection. Settled Area: A red outline representing populated regions. Pointwise Data: Various symbols representing different types of locations: <ul style="list-style-type: none"> Circle with a dot: Cyclone Shelter Star: Eco-Tourism Centre Triangle: Forest Dept Square: Home Plot (HHC) Circle with a cross: Home Plot (SHC) Circle with a dot: Home Plot Circle with a cross: Range Office Circle with a dot: Red House Circle with a cross: Wildlife Sanctuary Center Circle with a dot: Wildlife Sanctuary Center (HHC) A legend on the right side of the map provides a key for these symbols. Below the legend is a scale bar showing 0, 5, 10, and 20 kilometers, and a north arrow.</p>

Data directory 362

Contact FAO: rashed.jalal@fao.org