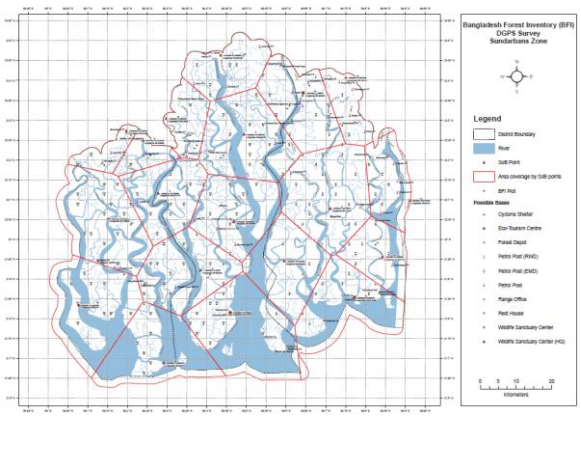|	
Title	Base Map for Bangladesh Forest Inventory (BFI) DGPS Survey (Sundarbans Zone)
Year	2018
Author	Shrabanti Hira, Rajib Mahamud
Reference	Hira, S. and Mahamud, R. (2018). Base map for Bangladesh Forest Inventory (BFI) DGPS Survey (Sundarbans Zone), Food and Agriculture Organization of the United 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

GCS_WGS_1984
WKID: 4326 Authority: EPSG
 	
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	

Data directory   362

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