6.0 Methodology :

The methodology to create the State level atlas of inventory of wetlands within Reserved Forest is adhered to National wetland inventory and Assessment (NWIA) technical guidelines and procedure manual developed by space Application Centre (SAC) Ahmedabad, ISRO, Govt. of India.

> Generation of spatial Framework (1:50,000 grid) in GIS environment for database creation and organisation.
> Geo referencing of satellite data.
> Generation of base layers (State-district boundary reserved forest boundary)
> Identification of Wetlands (two classes using one season satellite data) and mapping the same, base on onscreen interpretation.
> Mosaicing / edge matching to create district and state level database.
> Preparation of map composition and generation of statistics.
> Output on A$ and A) size prints.

Work was carried out using ERDAS Imagine image processing software and ARC/INFO, ARCASS software.