

# Abstract

Our Project entitled **“Web based Geo-spatial data management on natural resource information of NESDI”** is a regional facility for the North Eastern States for sharing data, reports on different development projects, natural resource management, district level planning. This has a Geo-portal where users can view maps and search Meta data and can view their project details. In our project, we tried to bring the concept of GEO-Spatial data management particularly in planning and monitoring of developmental projects for North-east India.

The project is a basically Geographical Information System (GIS) which allows users' viz. employees can view maps of some completed projects and ongoing projects. In our project, along with spatial data we are handling general data too. Our portal also provides a user friendly system which provides different types of applications to the employees' viz. Watershed, Water resources etc. where employees can upload and view different project related data. Our main objective is to develop a Geo-portal which can provides map viewing and different types of accessing facilities for the convenience of the users of the portal.