Forest type mapping using Landsat-TM Image using Modern Geomatic Techniques

**Agarwal Khushbu(M.Tech) *Kumar Jitendar
** Banasthali University, Rajasthan

Abstract

During the last few decades, Modern Geomatic Technologies have become increasingly important tools for forest type mapping. Using remotely sensed aerial images and GIS techniques to analyze significant amount of spatial data, it is now becoming possible to analyze the number of variables (tree species, size and density, volume and height) for ecological and economic management of forests. Satellite images are widely used in digital image processing and classification. The main purpose of this paper was using image processing and classification methods based on a satellite imagery to identify vegetation types in study area. The False Colour Combination(FCC) has been visually interpreted for forest cover type identified on the basis of tone, texture and pattern.

Key words: Land cover, NDVI, GIS, Remote Sensing

**E-mail: akhushbu23@gmail.com   *E-mail: jitendar@hotmail.com