Abstract Details

Title: Assessment and Classification of TOF (Tree outside Forest) using Space Technology in Morni Block, Haryana

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Abstract: The study of "Assessment and Classification of TOF (Tree Outside Forest) Using Space Technology in Morni Block, Haryana". IRS Cartosat-I panchromatic data was used and based upon the standard image characteristics, the visual interpretation of satellite data was carried out. The study area lies between latitudes 30 o21' to 30 o56' north and 76 o48' to 77 010' East longitudes. Total forest area of Morni block is 200.56 sq.km which covers 87.95% of total geographical area. The area under Tree outside Forest (TOF) is 10.75sq.km. In TOF three classes were identified viz. small trees, large trees and cluster of trees. TOF covers 4.71% of total geographical area of the districts. The district has a favorable climate for the growth of rich and abundant vegetation due to reasonably good rainfall and elevation. Shisham (Dalbergia Sissoo), Kikar (Acacia nilotica) Mango (Mangifera indica), and Safeda (Eucalyptus hybrid) are the important tree species grown in this region.

Keywords: Tree outside Forest (TOF), Panchromatic, Space Technology etc.