

District-wise Forest Mapping in Allahabad District

Year of Starting: 1992

Year of Completion: 1993

Funding Agency & Funds Received: In-house plan project.

Objectives: Forest mapping in Allahabad district on 1:50,000 scale using satellite images.

Study Area: Allahabad district

Data Used: Landsat TM data acquired on 23.02.1986 on 1:50,000 scale.

Salient Results: Different forest classes which have been identified and mapped in the present study and area (in ha) under each class are given below:-

* High density miscellaneous tropical dry deciduous forest	1813.39
* Medium density miscellaneous forest mainly Dhak (<i>Butea monosperma</i>)	992.29
* Low density miscellaneous forest	4310.98
* Degraded forest	8346.92
* Dense scrub	396.18
* Open Scrub	131.22
* Forest blanks	2349.43
* Encroachment on forest land	418.48

The results indicate that an area of 18813.53 ha. (2.59% of the geographical area) was under forest land. Out of the total forested area, 32.73% was under dense forest, 22.91% under low density forest and 44.36% under degraded forest.

Project Personnel: Dr. T.S.Kachhwaha, Head-FRED & Project Manager and Sri D.V.V.Prasad