

Temporal Monitoring of Forests in Gorakhpur District for Change Detection Between 1975 to 1983

Year of Starting: 1985

Year of Completion: 1985

Funding Agency & Funds Received: In-house study.

Objectives: To demonstrate the potential of remote sensing techniques in monitoring changes in forests vegetation for following aspects-

- To find out changes in area under wooded land.
- To find out changes in quality of forest.

Study Area: Gorkhpur district

Data Used: LANDSAT MSS images acquired on 02 Feb. 1975 & 30 Oct. 1983

Salient Results: Results of the study indicate that -

- Only 0.24% depletion in area under forest during a period of 8 years from 1975 to 1983.
- Thining of forest has taken place resulting in 7% of high density forest changed to medium to low density forest - quality degradation by 7%.
- It was also possible to monitor growth of new plantations and changes in other classes of forest.

Project Personnel: Dr. T.S.Kachhwaha, Head-FRED & Project Manager