

Land Degradation and Change Detection Studies in Sindiya Gad Micro-Watershed of Almora District, Uttaranchal using LANDSAT TM Data

Year of Starting: 1987.

Year of Completion: 1987

Funding Agency & Funds Received: In-house study.

Objectives: The main objective of the study was to find out changes in vegetal cover and general landuse between 1963 to 1986 (over 23 years) and resultant land degradation in Sindiya Gad micro-watershed of Panar sub-watershed in Almora district.

Study Area: Sindiya Gad Micro-watershed of Almora district.

Data Used: LANDSAT TM images of March, 1986 and Survey of India topographical maps of 1963.

Salient Results: Land degradation was observed in about 16% of the study area. Following changes were identified and mapped in the degraded land:-

- 11.38% of good forest converted into poor forest.
- 0.43% of good forest converted into forest blanks.
- 4.15% of scrub and grasses converted into agricultural land.

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