

District-wise Mapping of Wastelands in Uttar Pradesh Under the National Wasteland Development Programme of National Wasteland Development Board

Year of Starting:1987

Year of Completion: 1988

Funding Agency & Fund Received: National wasteland development Board/ National Remote Sensing Agency, Hyderabad.

Objectives: To provide village - level information on different types of wastelands and map them on 1:50,000 scale by visual interpretation techniques.

Study Area: Part of Lucknow, Allahabad, Raebarely, Fatehpur, Unnao Sonbhadra and Pratapgarh Districts taken up by FRED.

Data Used: LANDSAT TM data of January to March, 1986.

Salient Results: An attempt was made to classify and elaborate the description of different types of wastelands in correlation to the associated physical factors. Out of the total 13 categories of wasteland identified throughout the country, following 10 categories of wastelands were classified in Uttar Pradesh.

- * Gullied and / or ravinous land
- * Land affected by salinity / alkalinity
- * Upland with or without scrub
- * Waterlogged and marshy lands
- * Underutilized degraded notified forest land
- * Degraded pasture / grazing land
- * Sands
- * Barren rocky / stony waste / sheet rock area
- * Wastelands arising out of mining and industrial activity.
- * Steep sloping area.

Report No. :July, 1988 (07 district wise reports)

Recommendation/Special Achievement: Nation-wide uniform definition and classification of wastelands could be made and SOI sheet-wise maps on 1:50,000 scale were made available for wastelands development.

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