

Habitat Assessment for Wildlife Management in Corbett National Park

Year of Starting: 1986

Year of Completion: 1988

Funding Agency & Funds Received: In-house plan project on the request of Forest Dept.

Objectives: Detailed forest and landuse mapping for better wildlife habitat and forest management.

Study Area: Corbett National Park, Uttaranchal.

Data Used: LANDSAT TM images of April 7 & December 3, 1985.

Salient Results:

- Following classes of forests and other land cover could be identified and mapped using LANDSAT data
 - * High Density Sal Forest
 - * Medium Density Sal Forest
 - * Miscellaneous Forest
 - * *Anogeissus* dominated Forest (Bakali)
 - * *Dalbergia sissoo* (Shisham)
 - * *Syzygium cumini* (Jamun)
 - * Grasses
 - * Plantations
 - * Agricultural land
 - * Waterbodies/ River

- Field verification in collaboration with forest department has indicated high accuracy of classification.

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Recommendation/Special Achievement: It was recommended that for optimal use of satellite remote sensing technique, multirate data of appropriate season should be used.

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