

Inventory of Degraded Lands of Kullu District, Himachal Pradesh, Using Remote Sensing Techniques

ABSTRACT

- **Kind of Survey** : **Land Degradation Mapping**
- **Level of Mapping** : **Reconnaissance**
- **Scale** : **1:50,000**
- **Period of Survey** : **30th October, 2000 to 10th November, 2000
26th March, 2001 to 11th April, 2001**
- **Base Materials** : **IRS-1C, LISS-III False Colour Composite, Land Sat Data and Survey of India Topographical map on 1:50,000 scale (Period – December, 1999).**
- **Total Area of District** : **5,66,604 ha**
- **Agro-climatic Zone of Himachal Pradesh** : **High Hills and Temperature Zone**
- **Geographical Extent** : **31^o 20' 25' to
32^o 25' 0^o North Latitude
76^o 56' 30' to
77^o 52' 20 East Longitude**

Salient Findings

- ⇒ The entire district area is mountainous falling in the middle Himalayas.
- ⇒ Except water erosion, there is no other type of degradation in the District
- ⇒ 45.73% ha of the district area is degraded.
- ⇒ 28.36% area is subjected to glacier movement and snow bound areas.
- ⇒ Land slide though perceived in the district, however, it is not mappable
- ⇒ 38.34% of the district area is degradation free.
- ⇒ River system covers 0.30% of the district area.
- ⇒ 0.061% area is put under miscellaneous (habitation, etc.).