

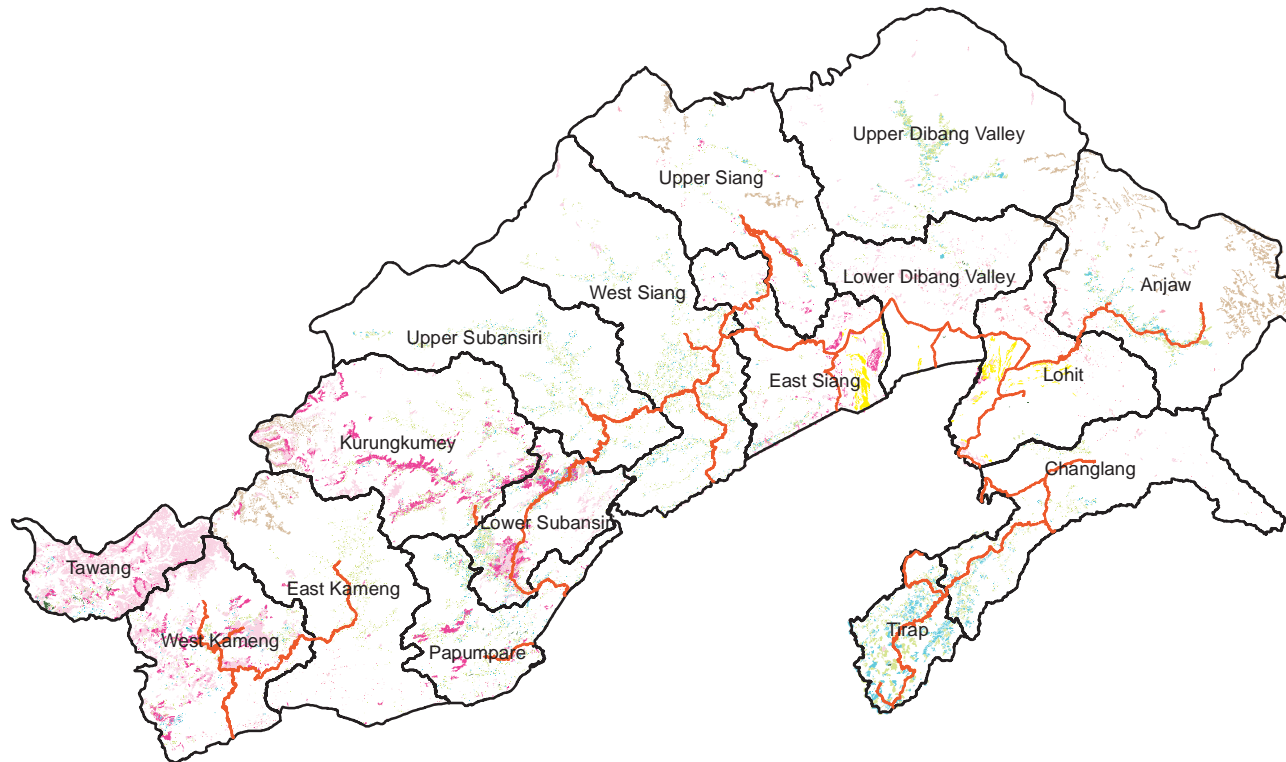
Table 10: District - wise distribution of Wastelands

ARUNACHAL PRADESH

Category	Anjaw	Changlang	East Kameng	East Siang	Kurung-kumey	Lohit	Lower Dibang	Lower Subansiri	Papum-pare	Tawang	Tirap	Upper Dibang	Upper Siang	Upper Subansiri	West Kameng	West Siang	Total
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	20.49	72.41	335.69	5.10	0.14	163.73	68.26	101.85	0.00	0.00	21.72	0.00	162.97	5.33	957.70
4	2.16	7.13	22.19	57.36	199.48	28.72	70.14	214.01	2.29	903.29	2.79	41.48	15.43	0.78	568.36	26.45	2162.04
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	72.63	65.34	52.14	12.33	65.50	4.02	11.02	108.79	45.26	17.71	187.79	125.46	11.91	59.96	58.41	126.79	1025.07
10	43.70	39.85	0.22	9.53	11.01	0.50	5.07	46.14	22.57	8.58	186.62	44.86	9.70	18.68	22.40	36.95	506.39
11	0.00	0.00	0.25	0.16	0.23	1.01	1.21	0.00	3.67	12.27	1.10	0.55	0.00	0.00	0.00	0.00	20.46
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	86.22	0.00	92.93	6.94	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	186.11
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	21.65	5.39	6.01	7.70	8.18	38.70	26.70	3.38	2.39	6.84	0.07	1.78	6.12	1.13	8.01	6.04	150.09
23	374.46	0.00	108.01	0.00	77.35	10.11	6.60	0.00	0.00	1.65	0.00	30.15	76.02	0.00	3.69	47.94	735.98
Total	514.59	117.71	209.31	245.71	697.44	181.09	127.83	536.05	144.43	1052.19	378.38	244.28	140.91	80.55	823.84	249.52	5743.83
TGA	6982.00	5069.00	4134.00	4687.00	7141.00	4420.00	4070.00	2994.00	2875.00	2172.00	1955.00	8959.00	6188.00	7032.00	7422.00	7643.00	83743.00
% to TGA	7.37	2.32	5.06	5.24	9.77	4.10	3.14	17.90	5.02	48.44	19.35	2.73	2.28	1.15	11.10	3.26	6.86

- | | | | | |
|--|--|--|----------------------------------|--------------------------------|
| 1. Gullied and/ or ravinous land (Medium) | 6. Waterlogged and Marshy land (Seasonal) | 11. Under-utilised/degraded forest (Scrub domin) | 16. Sands-Coastal | 21. Industrial wastelands |
| 2. Gullied and/ or ravinous land (Deep) | 7. Land affected by salinity/alkalinity (Medium) | 12. Under-utilised/degraded forest (Agriculture) | 17. Sands-Desertic | 22. Barren Rocky/Stony waste |
| 3. Land with Dense Scrub | 8. Land affected by salinity/alkalinity (Strong) | 13. Degraded pastures/ grazing land | 18. Sands-Semi Stab.-Stab>40m | 23. Snow covered /Glacial area |
| 4. Land with Open Scrub | 9. Shifting Cultivation - Current Jhum | 14. Degraded land under plantation crop | 19. Sands-Semi Stab.-Stab 15-40m | Total - Total Wasteland Area |
| 5. Waterlogged and Marshy land (Permanent) | 10. Shifting Cultivation - Abandoned Jhum | 15. Sands-Riverine | 20. Mining Wastelands | TGA - Total Geographical Area |

WASTELAND MAP 2005-06 ARUNACHAL PRADESH



LEGEND

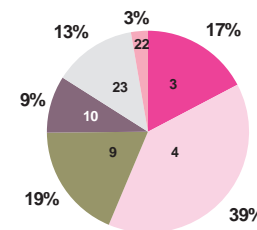
- Gullied/ Ravine land-Medium ravine (1)
- Gullied/Ravine land-Deep/ very deep ravine (2)
- Scrubland - Land with dense scrub (3)
- Scrubland - Land with open scrub (4)
- Waterlogged and marshy land - Permanent (5)
- Waterlogged and marshy land - Seasonal (6)
- Land Affected by Salinity/ Alkalinity - Moderate (7)
- Land Affected by Salinity/ Alkalinity - Strong (8)
- Shifting cultivation - Current jhum (9)
- Shifting cultivation - Abandoned jhum (10)
- Under-utilised Deg Notif Forest - Scrub Dom (11)
- Under- utilised Deg Notif Forest - Agriculture (12)
- Degraded Pastures/ grazing land (13)
- Degraded Land under Plantation Crop (14)
- Sands - Desert sand (15)
- Sands - Coastal sand (16)
- Sands - Riverine (17)
- Sands - Semi-stab to stab (>40m) dune (18)
- Sands-Semi-stab to stab mod high(15-40m) dune (19)
- Mining Wastelands (20)
- Industrial Wastelands (21)
- Barren rocky area (22)
- Snow cover and/ or glacial area (23)
- Non Wasteland Area
- Major Road
- Railway Line



Based on 3 season data of IRS P6
LISS III (2005-06) & Limited ground checks

Figure. 19

Total Geog. Area (TGA) :83743.00 sq.km.
Total Wasteland Area : 5743.84 sq. km.
Wasteland Area : 6.86 %



Partner Institution:

Arunachal Pradesh State R S Applicatn Centre
Arunachal Pradesh Council for Science & Tech
Vivek Nagar
Itanagar- 791113
Arunachal Pradesh

Coordinated by:

Land Use Division, LRG, RS & GIS - AA
National Remote Sensing Centre
ISRO, Dept. of Space, Govt of India,
Balanagar,
Hyderabad - 500625

Table 11: Arunachal Pradesh - Category-wise distribution and changes in wastelands

Area in sq.km.

SI	Wasteland Categories	2005-06	%	2003	%	Change	% diff
1	Land with Dense Scrub	957.70	1.14	2606.04	3.11	-1648.34	-1.97
2	Land with Open Scrub	2162.04	2.58	2608.91	3.12	-446.87	-0.53
3	Waterlogged and Marshy land-Permanent	0.00	0.00	26.81	0.03	-26.81	-0.03
4	Waterlogged and Marshy land-Seasonal	0.00	0.00	18.00	0.02	-18.00	-0.02
5	Shifting cultivation area-Current Jhum	1025.07	1.22	1116.91	1.33	-91.84	-0.11
6	Shifting cultivation area-Abandoned Jhum	506.39	0.60	496.22	0.59	10.17	0.01
7	Under utilised/degraded notified forest land-Scrub dominated	20.46	0.02	0.18	0.00	20.28	0.02
8	Under utilised/degraded notified forest land-Agriculture	0.00	0.00	11.58	0.01	-11.58	-0.01
9	Degraded pastures/grazing land	186.11	0.22	302.09	0.36	-115.98	-0.14
10	Barren rocky area	150.09	0.18	810.51	0.97	-660.42	-0.79
11	Snow covered and glacial area	735.98	0.88	10178.70	12.15	-9442.72	-11.28
	Total	5743.84	6.86	18175.95	21.70	-12432.11	-14.85
	TGA	83743.00					