

Table 54: District - wise distribution of Wastelands

SIKKIM

Category	East Sikkim	North Sikkim	South Sikkim	West Sikkim	Total
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00
4	1.03	2.54	2.26	0.53	6.37
5	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00
11	4.51	24.45	15.05	16.94	60.96
12	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00
22	111.67	351.15	5.09	111.99	579.90
23	5.12	2474.07	29.19	125.28	2633.66
Total	122.34	2852.21	51.58	254.75	3280.88
TGA	954.00	4226.00	750.00	1166.00	7096.00
% to TGA	12.82	67.49	6.88	21.85	46.24

Table 56: District - wise distribution of Wastelands

TRIPURA

Category	North Tripura	South Tripura	West Tripura	Dhalai	Total
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00
3	26.77	44.56	122.59	35.52	229.44
4	40.77	59.51	178.56	19.57	298.41
5	0.12	0.00	0.56	0.00	0.68
6	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00
9	4.13	23.13	12.64	49.38	89.28
10	99.13	7.86	19.81	38.03	164.83
11	120.26	127.14	138.65	136.47	522.52
12	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00
15	3.98	0.66	1.89	3.48	10.01
16	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00
Total	295.16	262.86	474.70	282.45	1315.17
TGA	2113	3013	3050	2310	10486
% to TGA	13.97	8.72	15.56	12.23	12.54

- | | | | | |
|--|--|--|----------------------------------|--------------------------------|
| 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 |

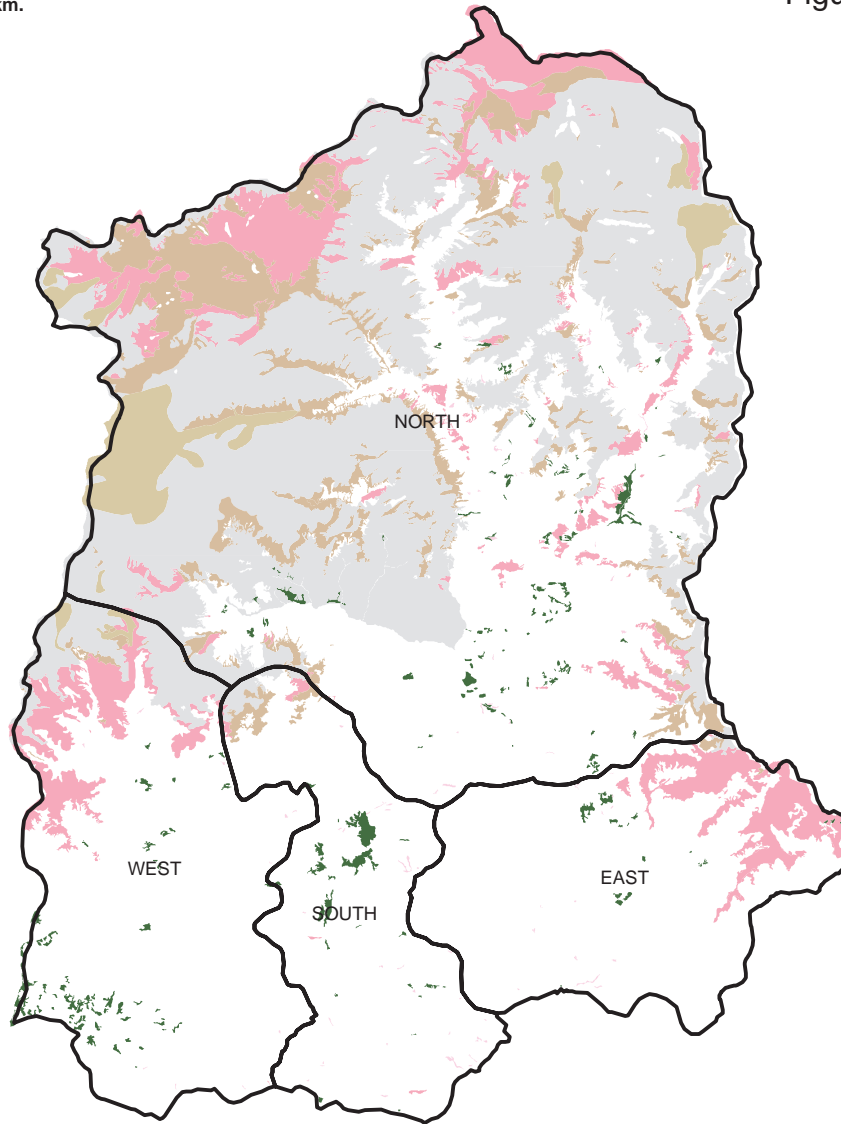
Total Geog. Area (TGA) :7096.00 sq.km.
 Total Wasteland Area : 3280.88 sq. km.
 Wasteland Area : 46.24%

Figure. 41

WASTELAND MAP

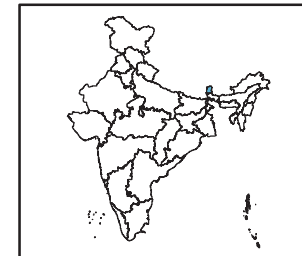
2005-06

SIKKIM

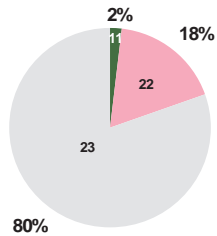


LEGEND

- 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



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



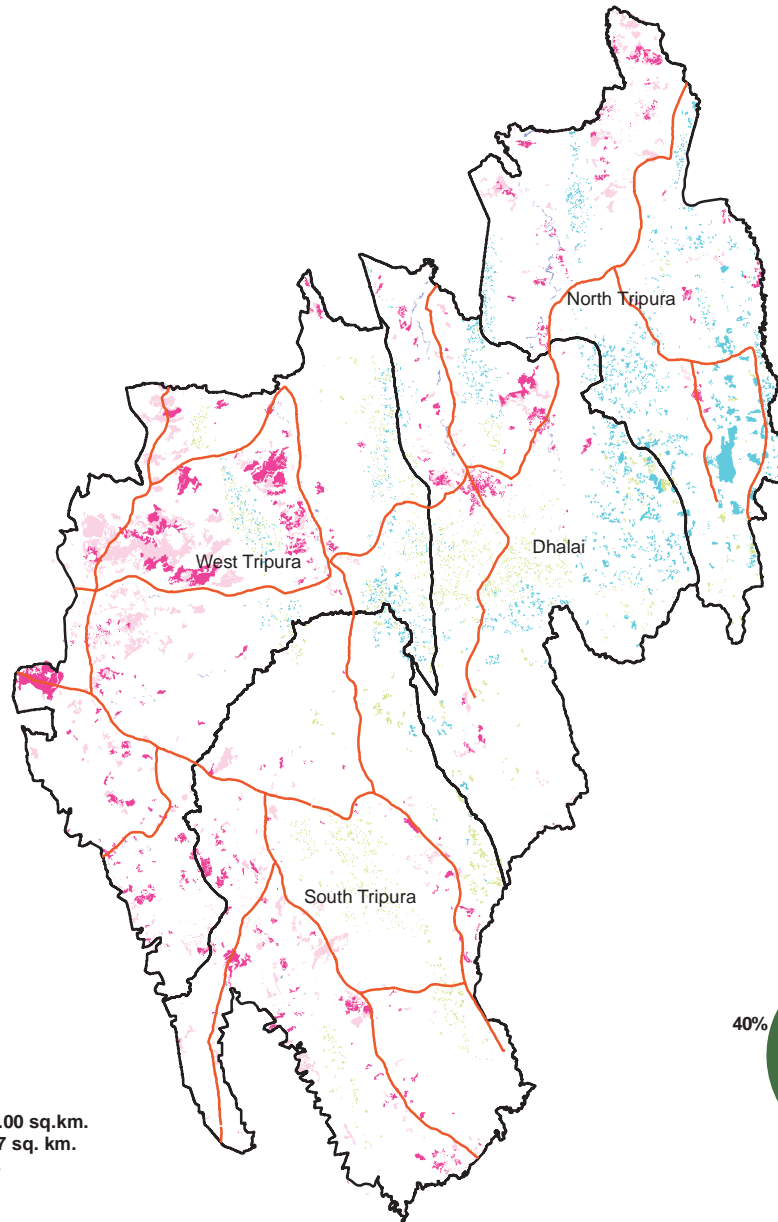
Partner Institution:

Regional Remote Sensing Service Centre
 Dept of Space
 IIT Campus
 Kharagpur-721302
 West Bengal

Coordinated by:

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

Figure. 42



Total Geog. Area (TGA) :10486.00 sq.km.
 Total Wasteland Area : 1315.17 sq. km.
 Wasteland Area : 12.54 %

WASTELAND MAP

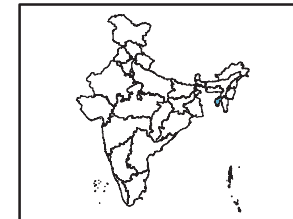
2005-06

TRIPURA



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)
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- Land Affected by Salinity/ Alkalinity - Moderate (7)
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- Shifting cultivation - Current jhum (9)
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- 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

Partner Institution:

Tripura State Council for Science & Tech
 Vigyan Bhawan
 Gurkha Basti
 Agartala - 799006
 Tripura

Coordinated by:

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

Table 55: Sikkim - Category-wise distribution and changes in wastelands

Area in sq.km.

SI	Wasteland Categories	2005-06	%	2003	%	Change	% diff
1	Land with Open Scrub	6.37	0.09	0.00	0.00	6.37	0.09
2	Under utilised/degraded notified forest land-Scrub dominated	60.96	0.86	746.14	10.51	-685.18	-9.66
3	Sands-Riverine	0.00	0.00	5.73	0.08	-5.73	-0.08
4	Barren rocky area	579.90	8.17	1244.18	17.53	-664.28	-9.36
5	Snow covered and glacial area	2633.66	37.11	1812.16	25.54	821.50	11.58
	Total	3280.88	46.24	3808.21	53.67	-527.33	-7.43
	TGA	7096.00					

Table 57: Tripura - Category-wise distribution and changes in wastelands

Area in sq.km.

SI	Wasteland Categories	2005-06	%	2003	%	Change	% diff
1	Land with Dense Scrub	229.44	2.19	275.22	2.62	-45.78	-0.44
2	Land with Open Scrub	298.41	2.85	0.00	0.00	298.41	2.85
3	Waterlogged and Marshy land-Permanent	0.68	0.01	0.00	0.00	0.68	0.01
4	Waterlogged and Marshy land-Seasonal	0.00	0.00	12.44	0.12	-12.44	-0.12
5	Shifting cultivation area-Current Jhum	89.28	0.85	284.89	2.72	-195.61	-1.87
6	Shifting cultivation area-Abandoned Jhum	164.83	1.57	110.37	1.05	54.46	0.52
7	Under utilised/degraded notified forest land-Scrub dominated	522.52	4.98	640.05	6.10	-117.53	-1.12
8	Under utilised/degraded notified forest land-Agriculture	0.00	0.00	0.00	0.00	0.00	0.00
9	Sands-Riverine	10.01	0.10	0.00	0.00	10.01	0.10
	Total	1315.17	12.54	1322.97	12.62	-7.80	-0.07
	TGA	10486.00					