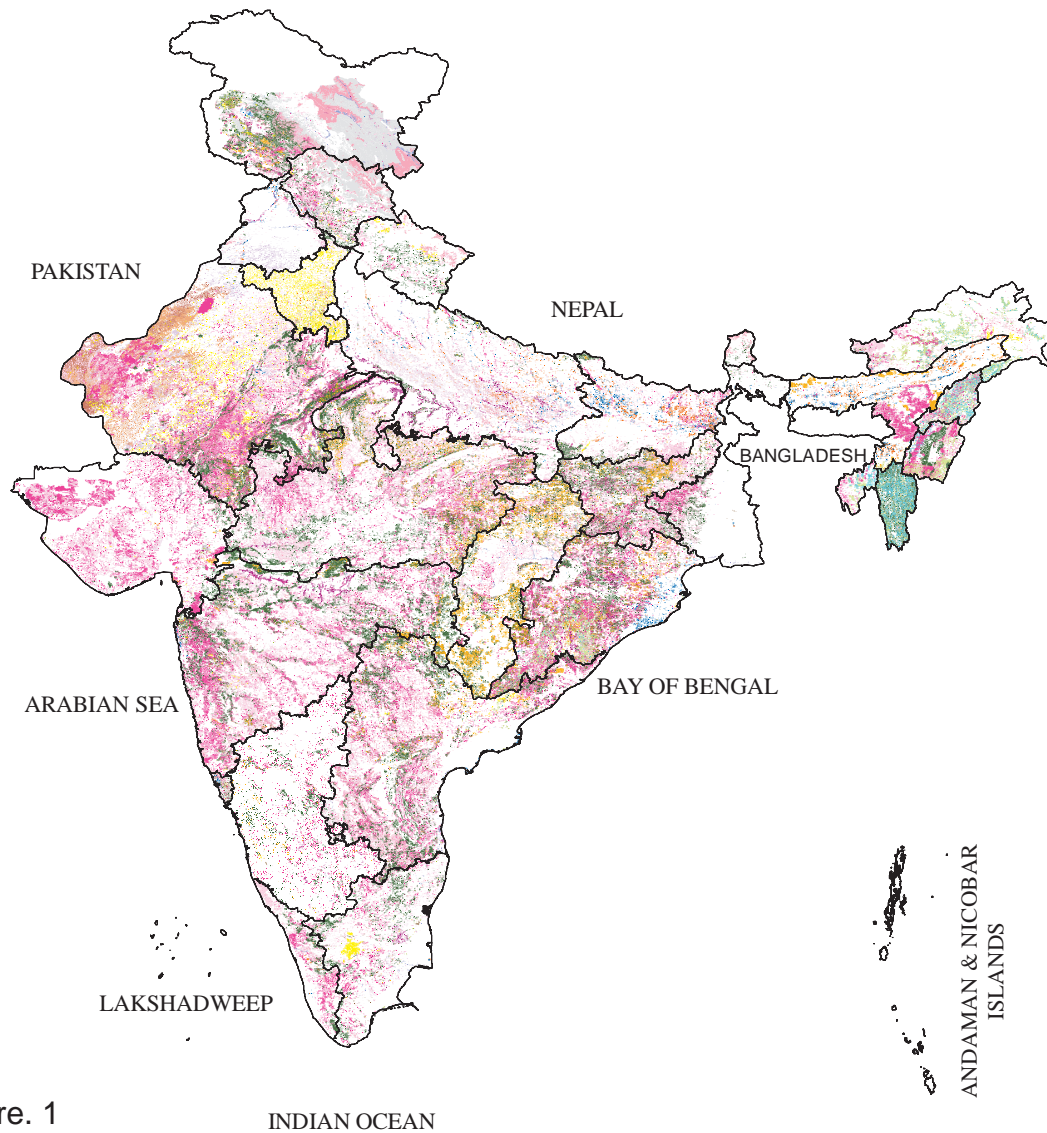


# WASTELAND MAP

2005-06

INDIA



## LEGEND

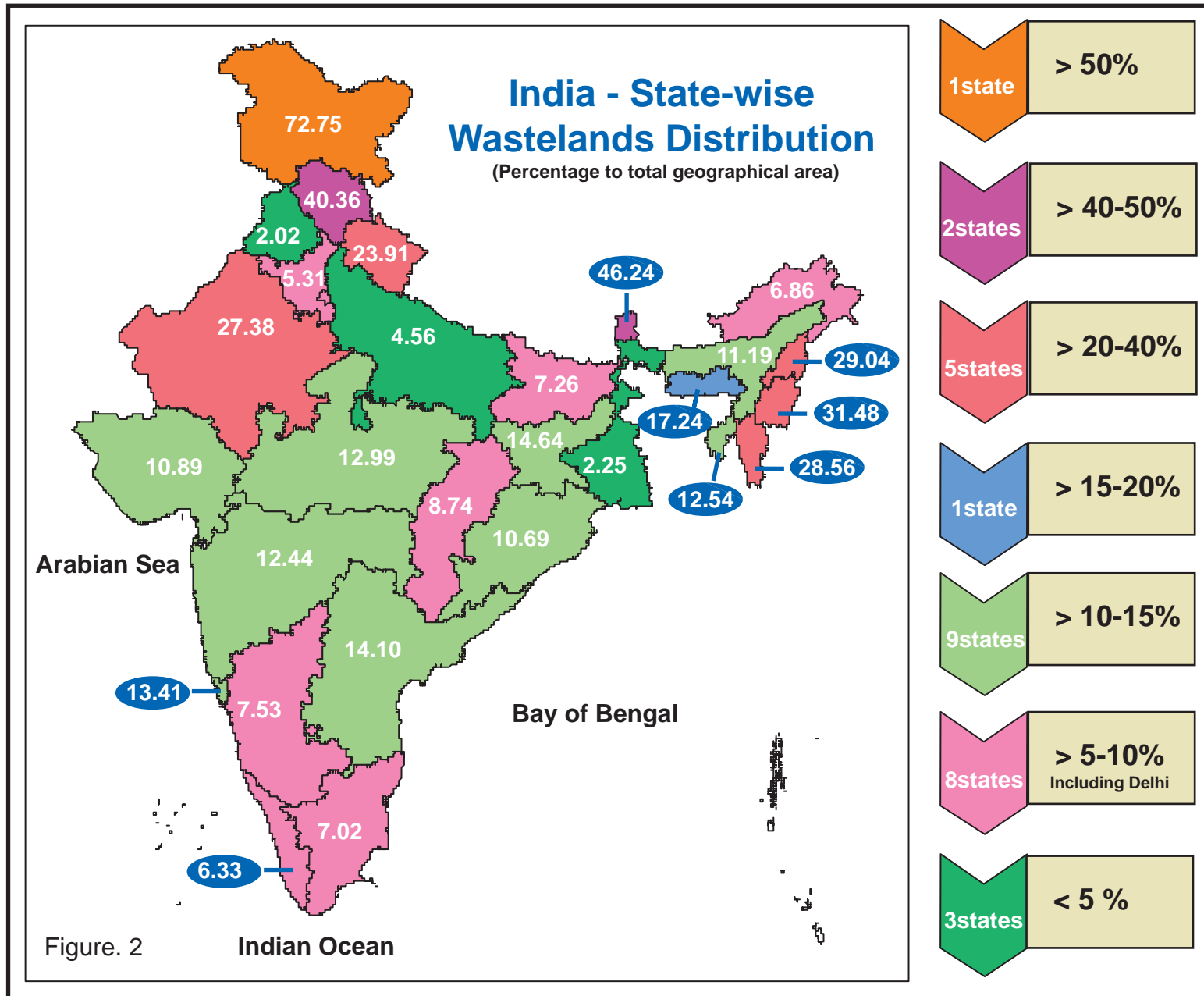
- Gullied/ Ravine land-Medium ravine
- Gullied/Ravine land-Deep/ very deep ravine
- Scrubland - Land with dense scrub
- Scrubland - Land with open scrub
- Waterlogged and marshy land - Permanent
- Waterlogged and marshy land - Seasonal
- Land Affected by Salinity/ Alkalinity - Moderate
- Land Affected by Salinity/ Alkalinity - Strong
- Shifting cultivation - Current jhum
- Shifting cultivation - Abandoned jhum
- Under-utilised Deg Notif Forest - Scrub Dom
- Under- utilised Deg Notif Forest - Agriculture
- Degraded Pastures/ grazing land
- Degraded Land under Plantation Crop
- Sands - Desert sand
- Sands - Coastal sand
- Sands - Riverine
- Sands - Semi-stab to stab (>40m) dune
- Sands-Semi-stab to stab mod high(15-40m) dune
- Mining Wastelands
- Industrial Wastelands
- Barren rocky area
- Snow cover and/ or glacial area
- Non Wasteland Area

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

Coordinated by:

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

Figure. 1



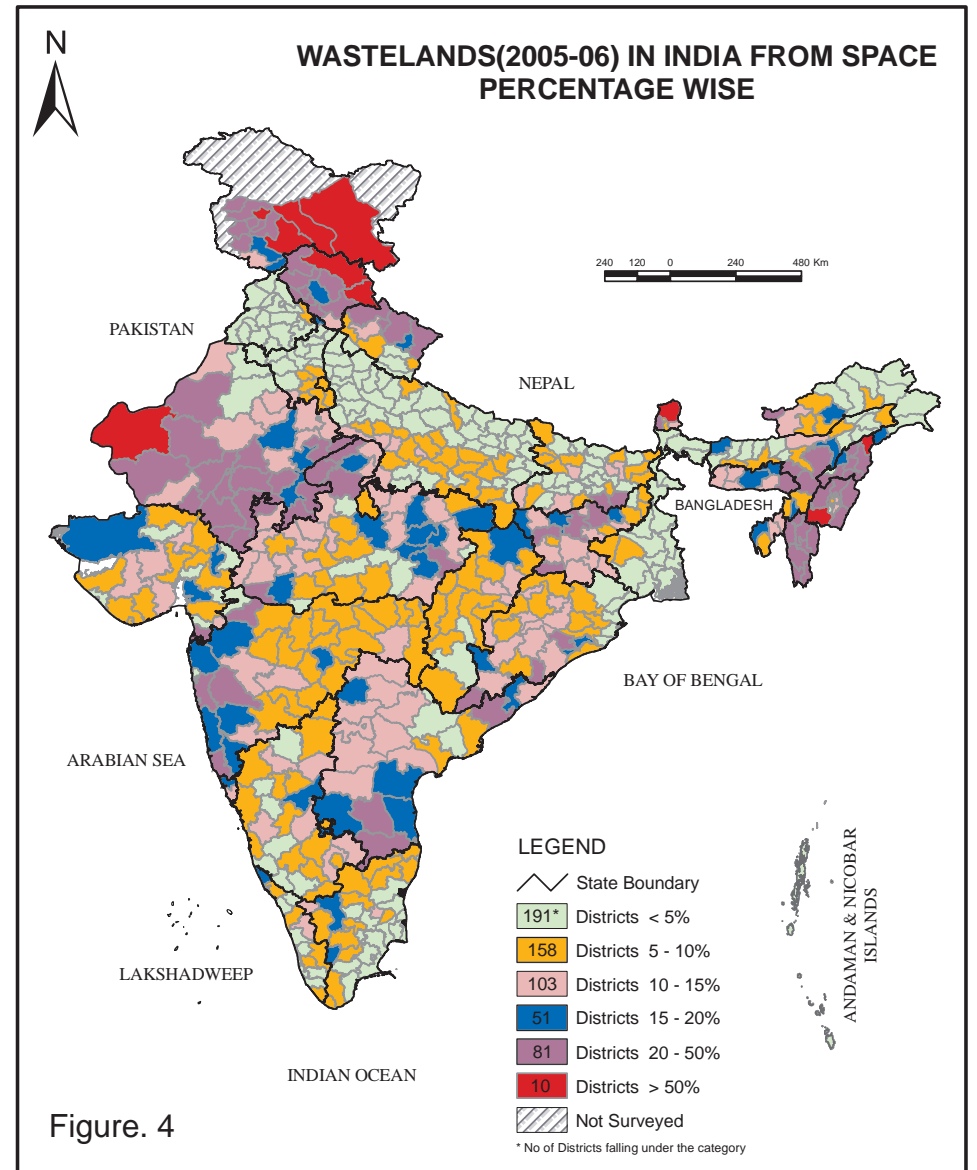
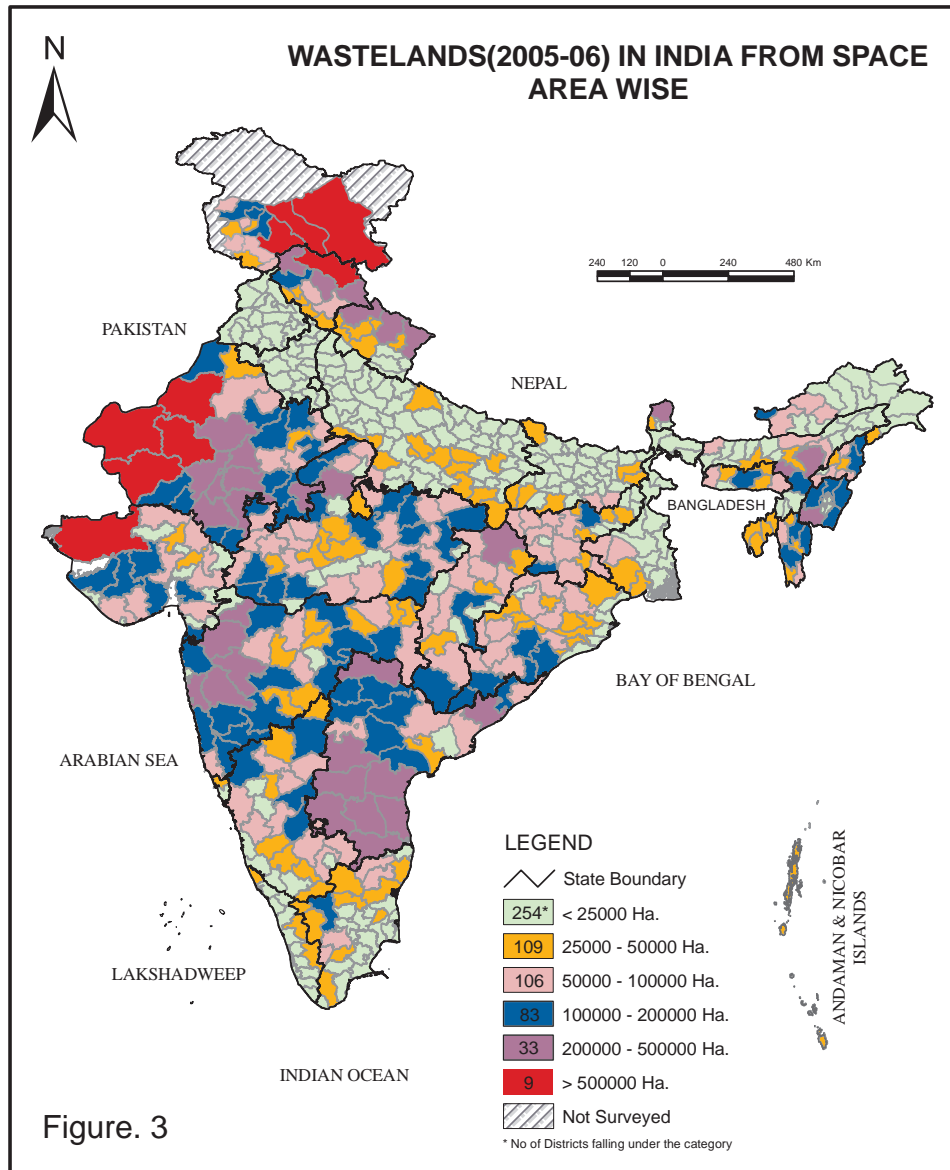
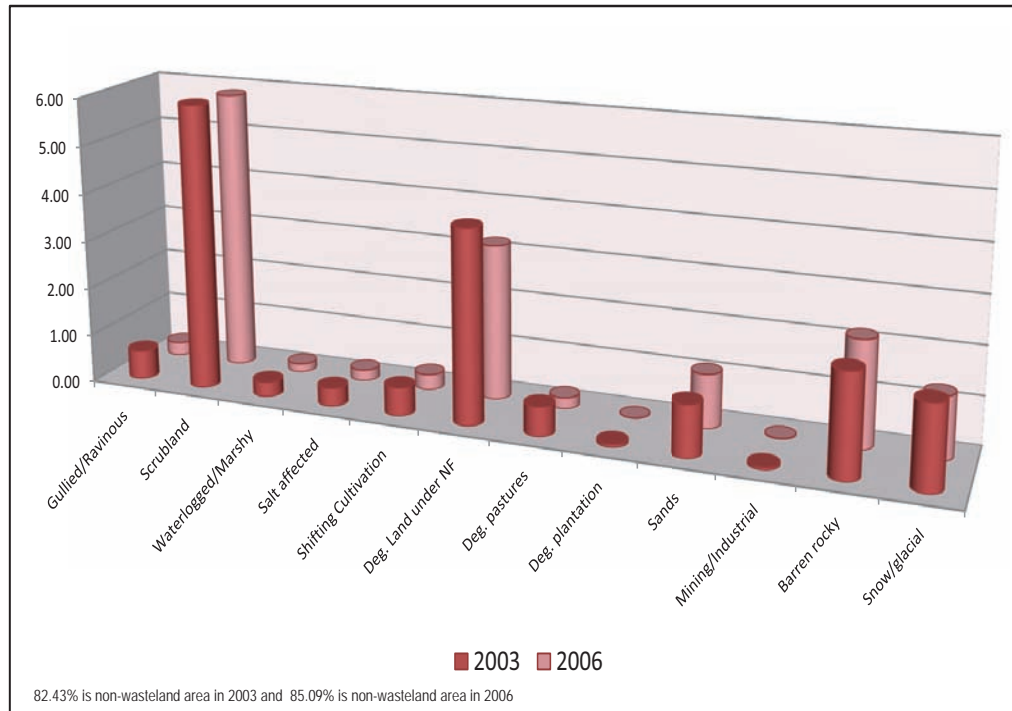
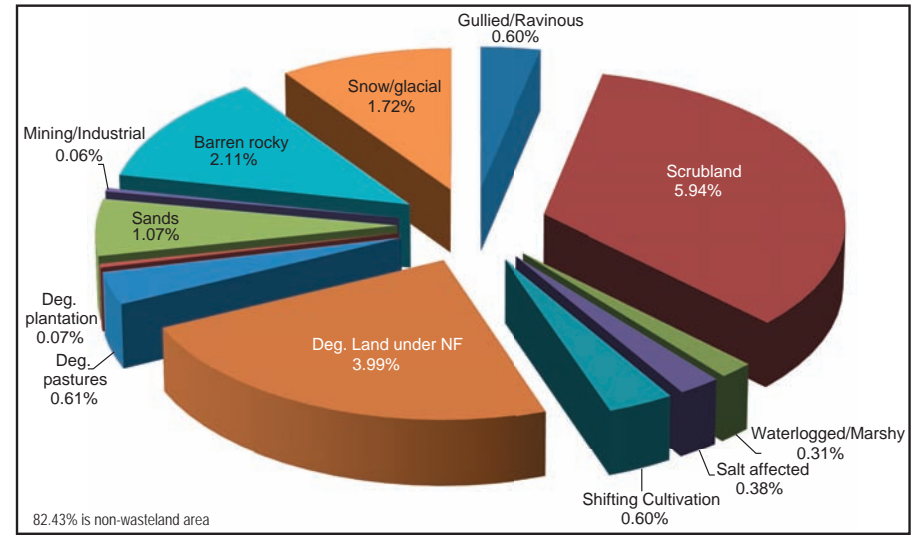


Figure. 5. India - Wastelands category-wise changes with respect to area and percentage

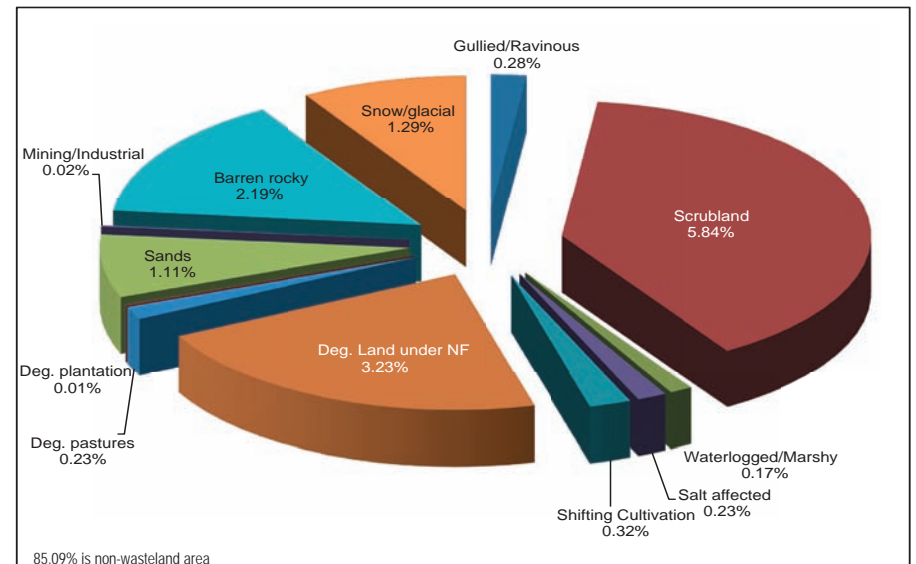
Category-wise wastelands percent to Total geographic area 2003 & 2006



Category-wise wastelands percent to Total geographic area 2003

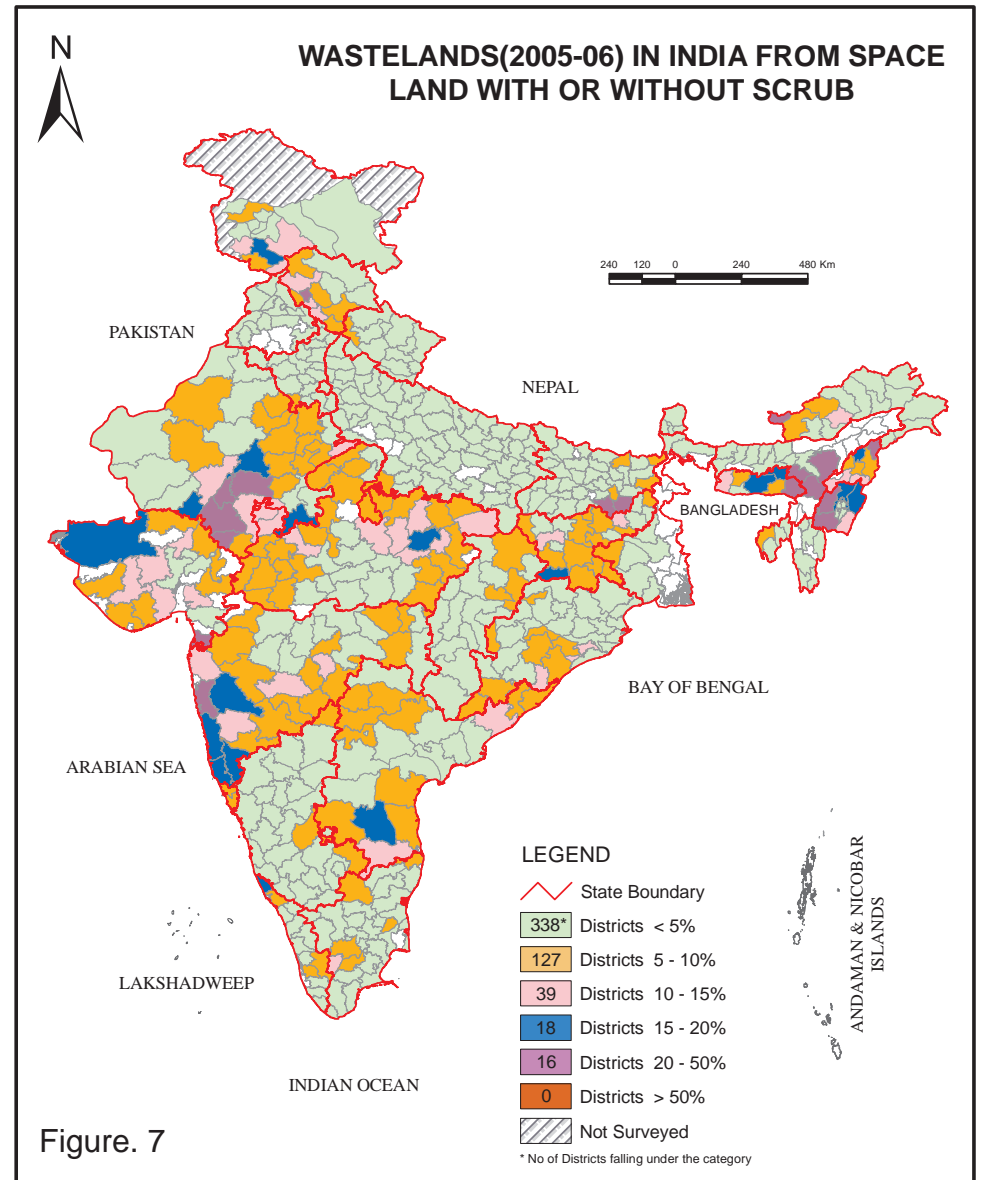
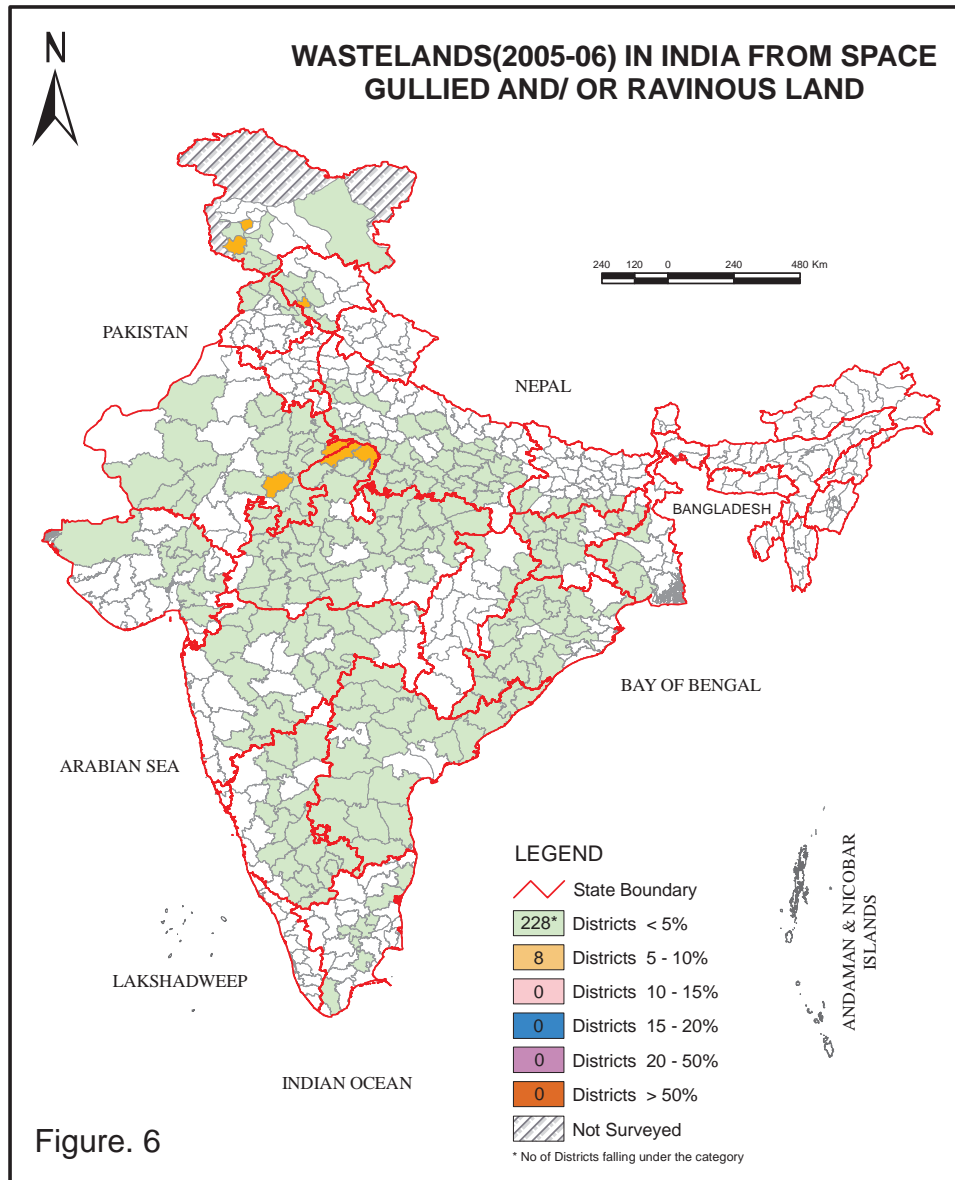


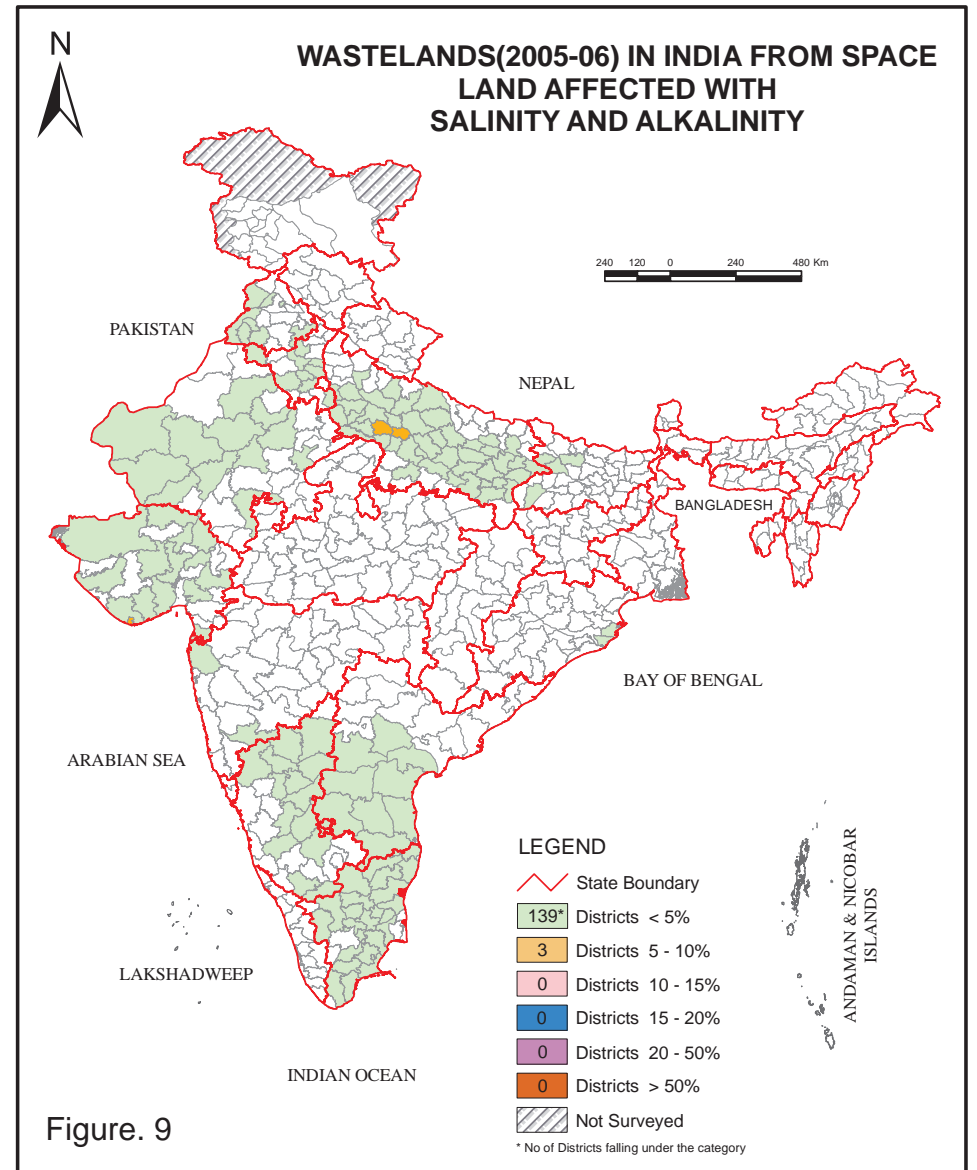
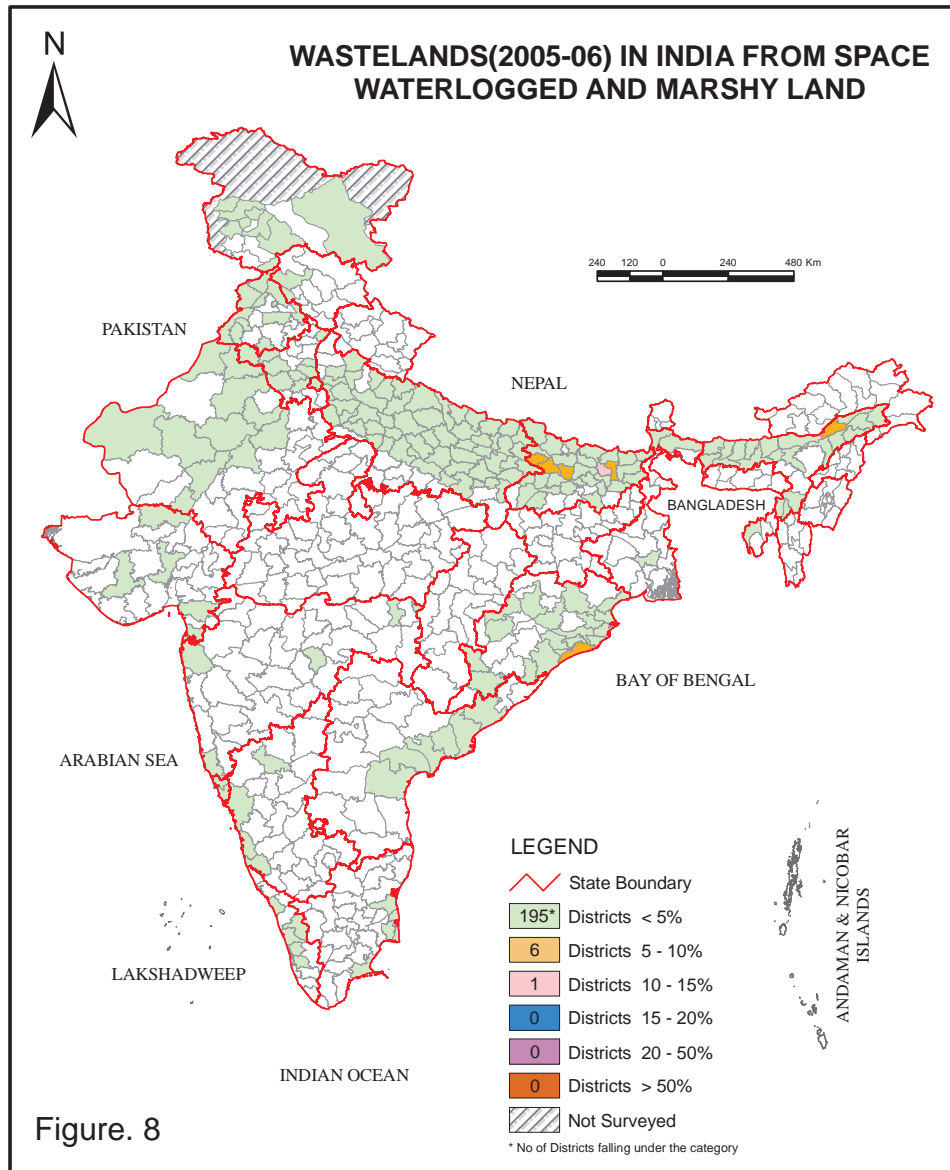
Category-wise wastelands percent to Total geographic area 2006

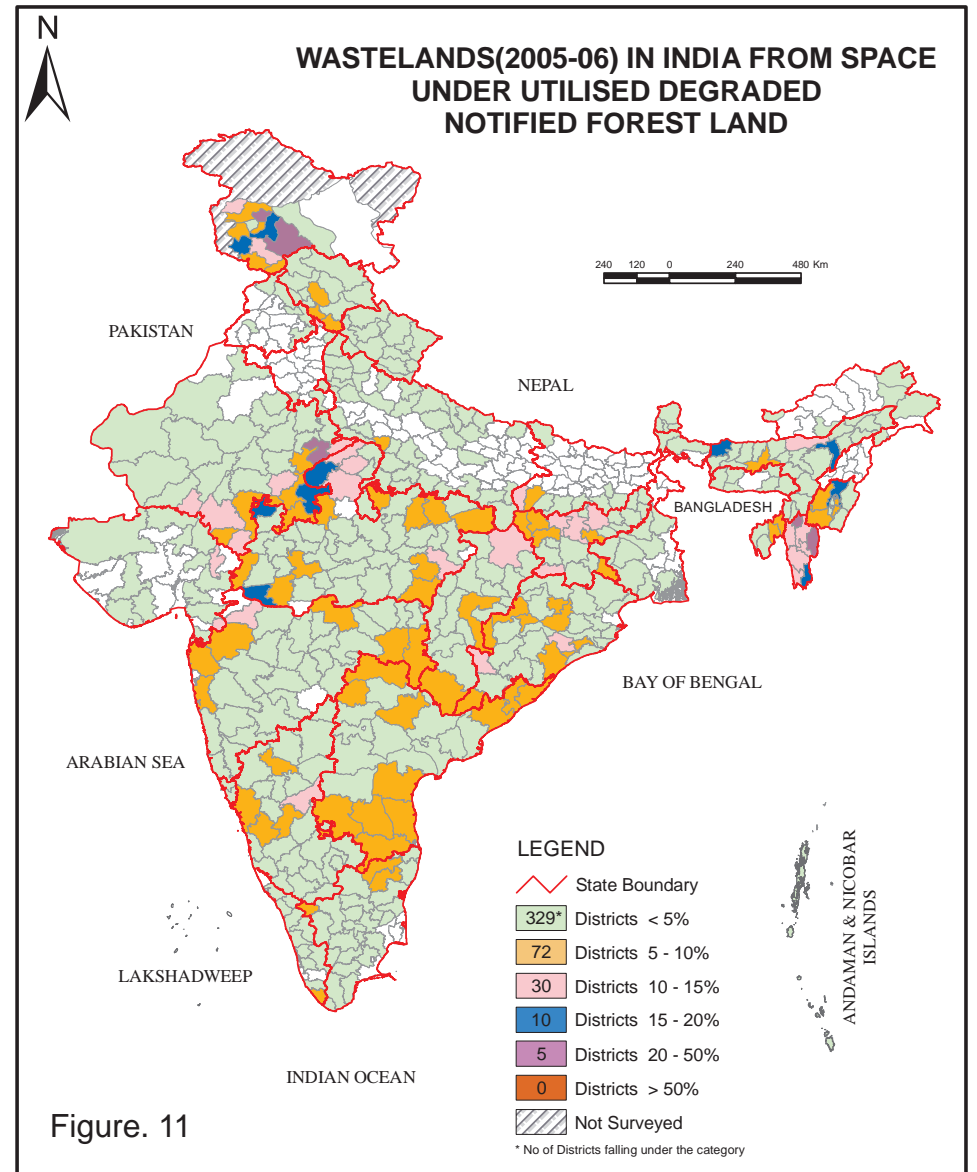
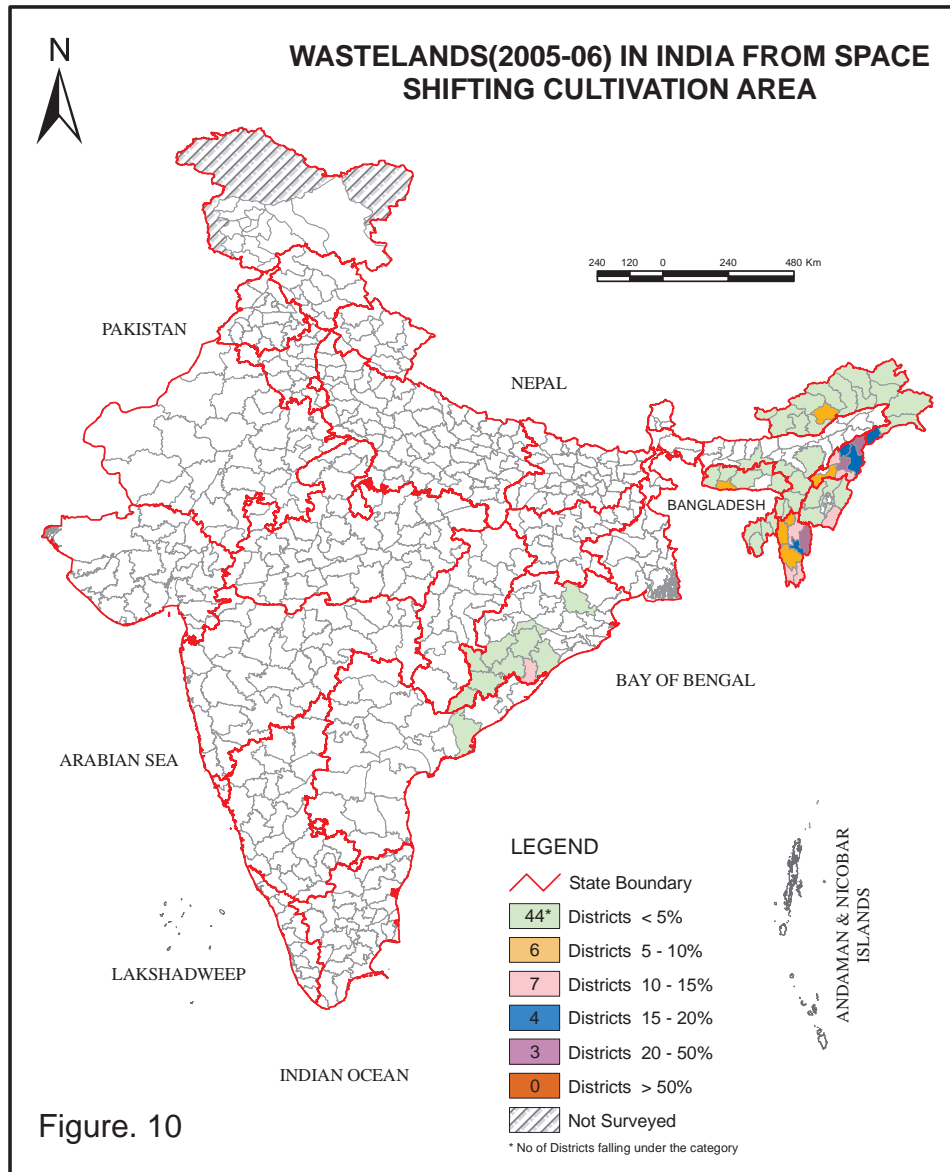


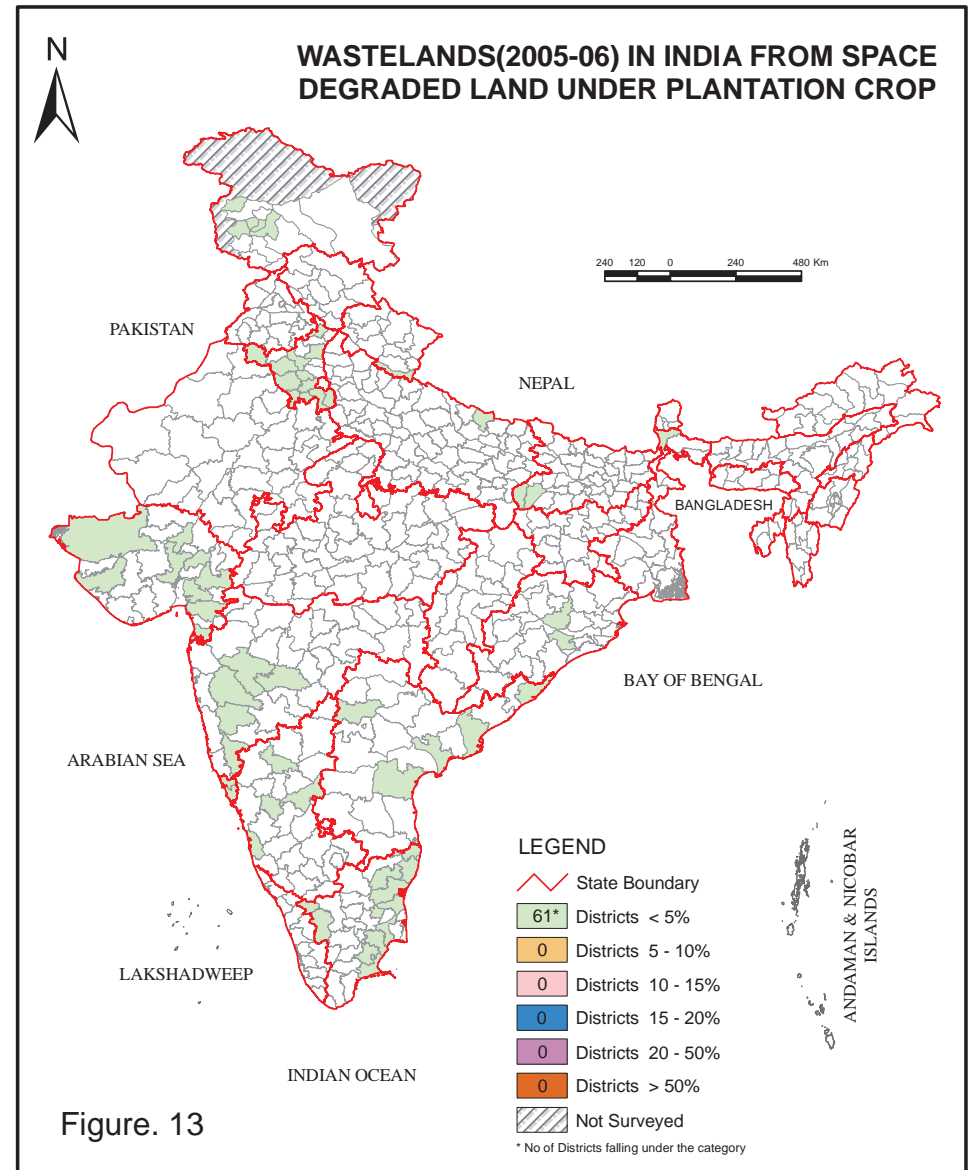
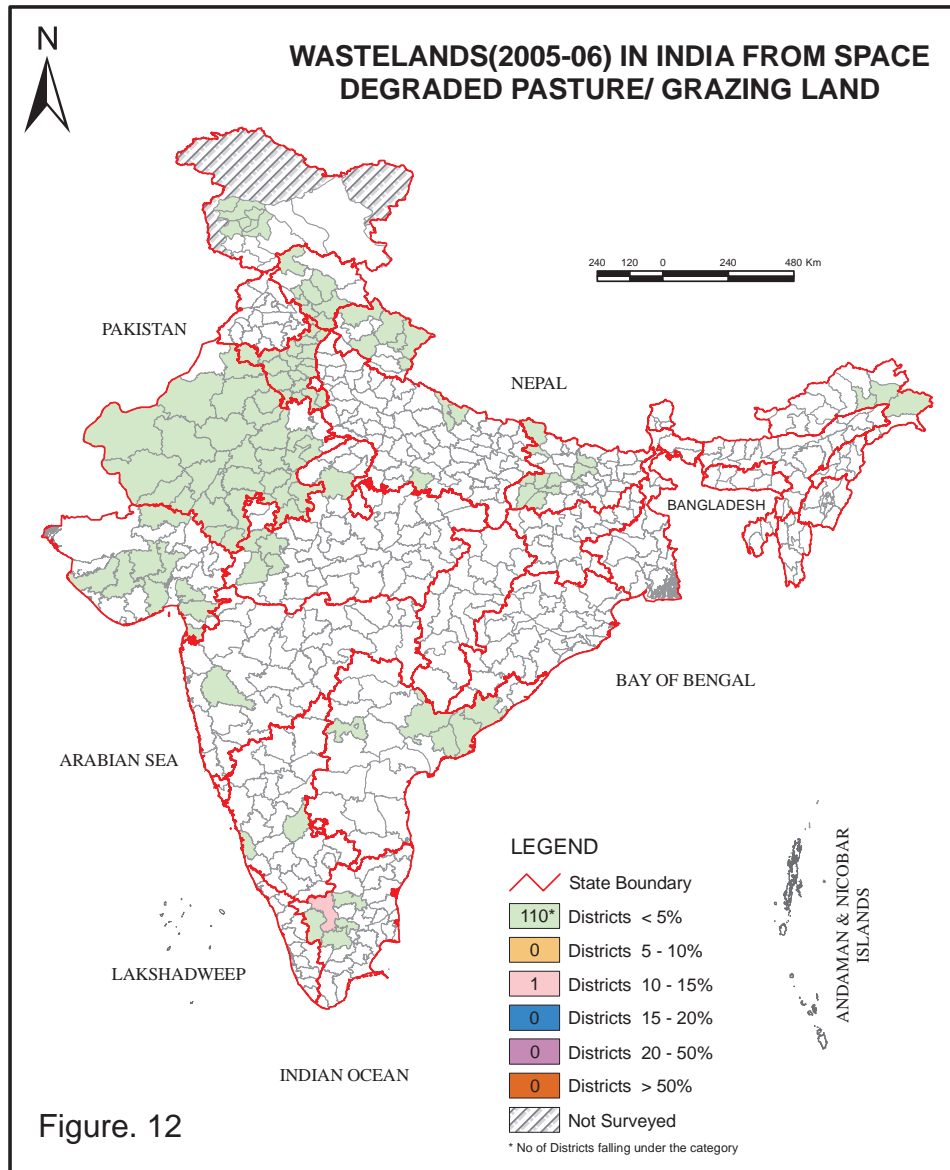
Category	2003		2006	
	Wasteland area	WL % to TGA	Wasteland area	WL % to TGA
<b>Total Wasteland</b>	55.64 m ha.	17.57%	47.22 m ha.	14.91%



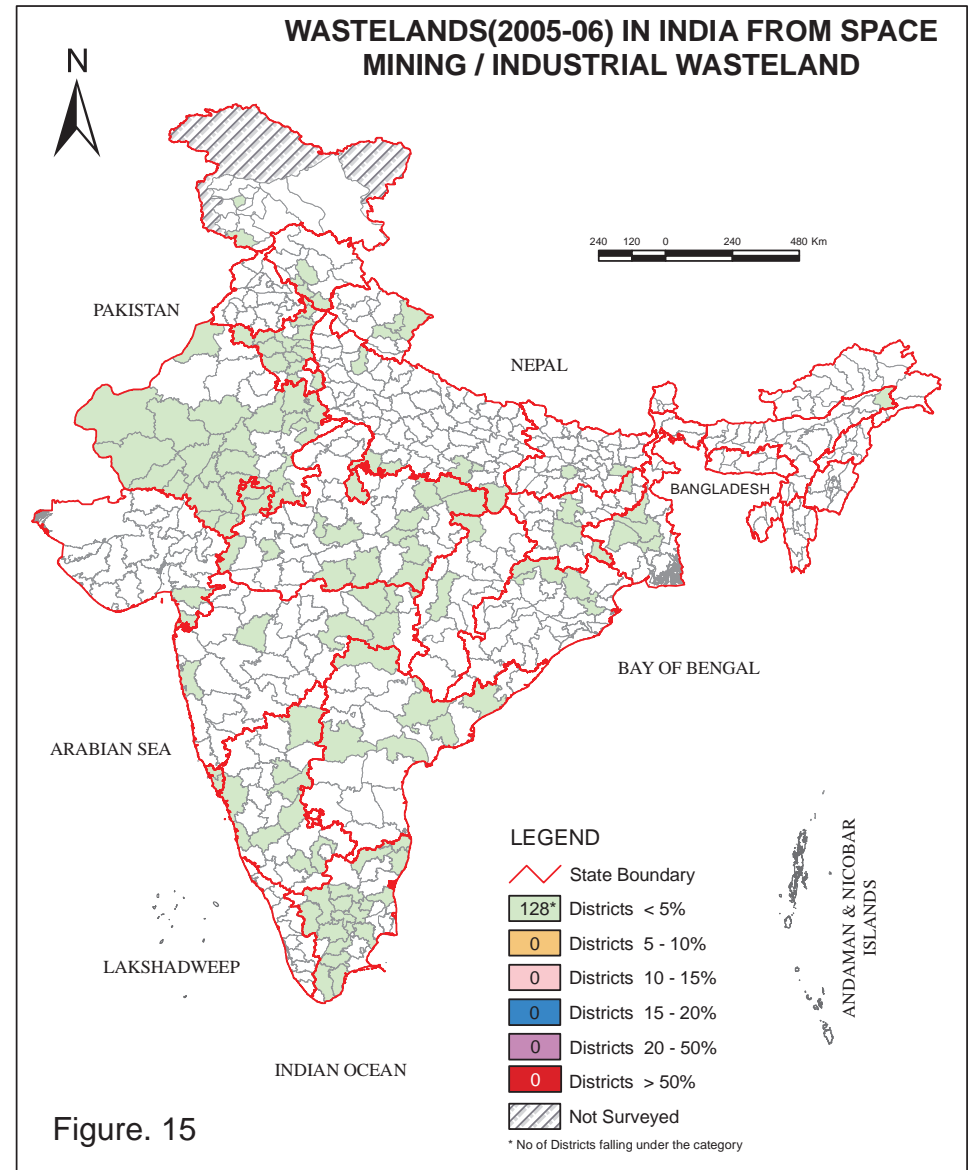
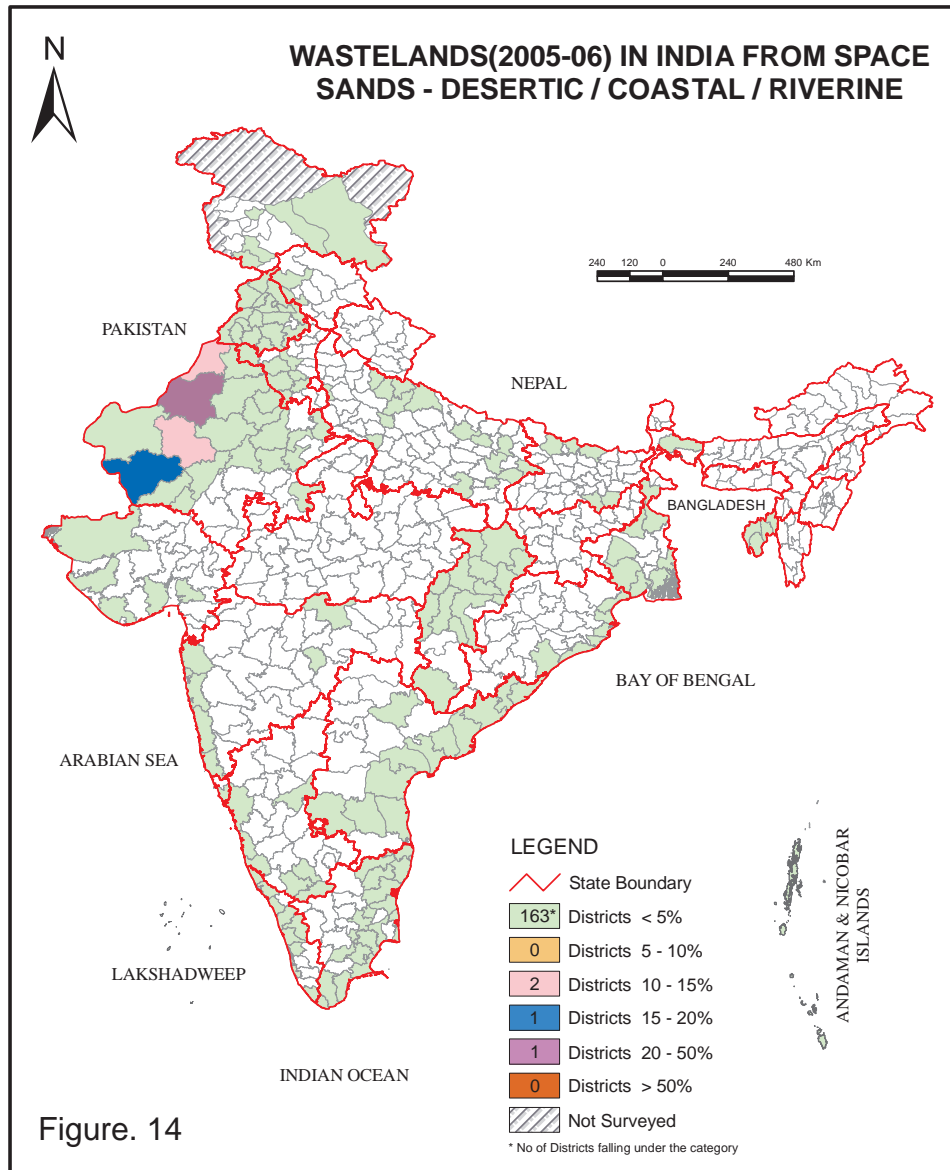


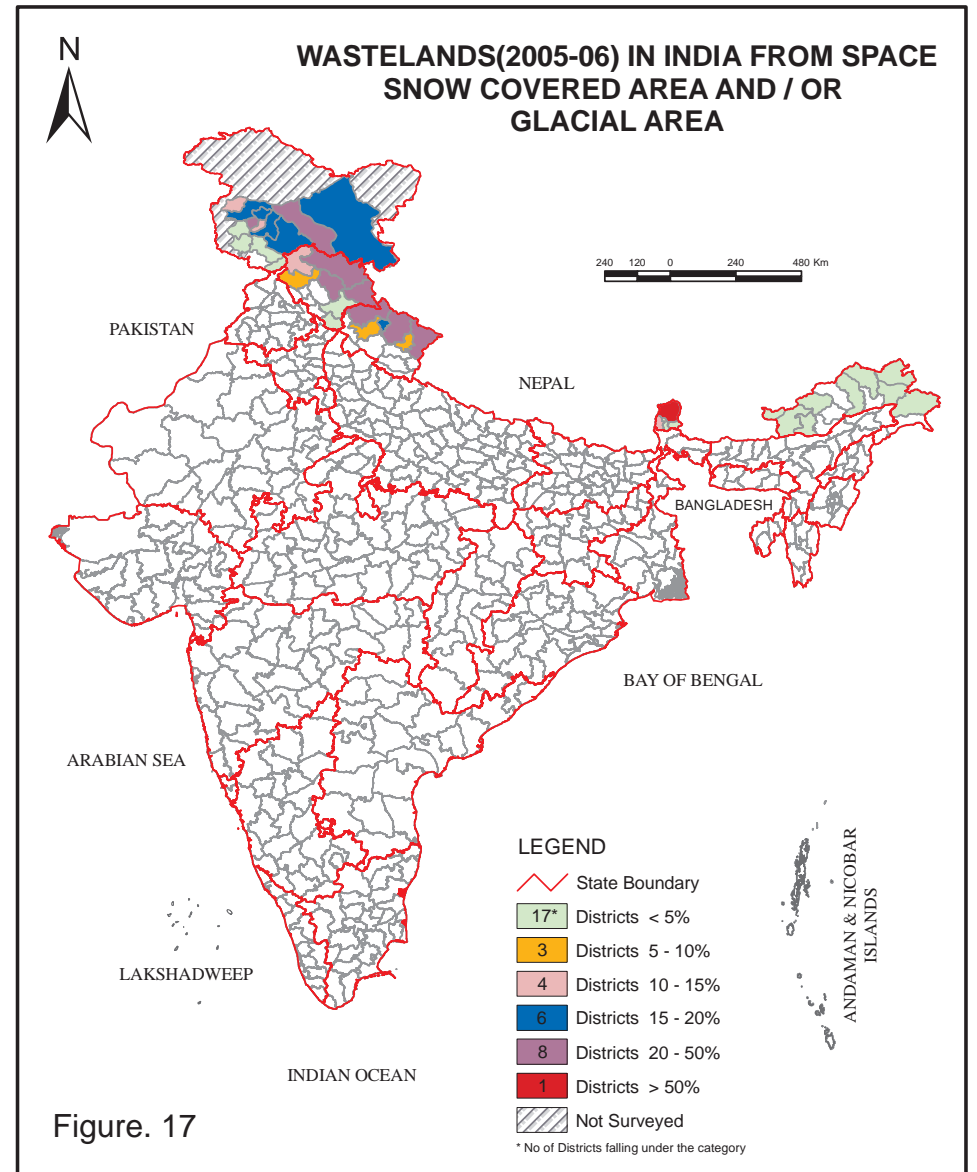
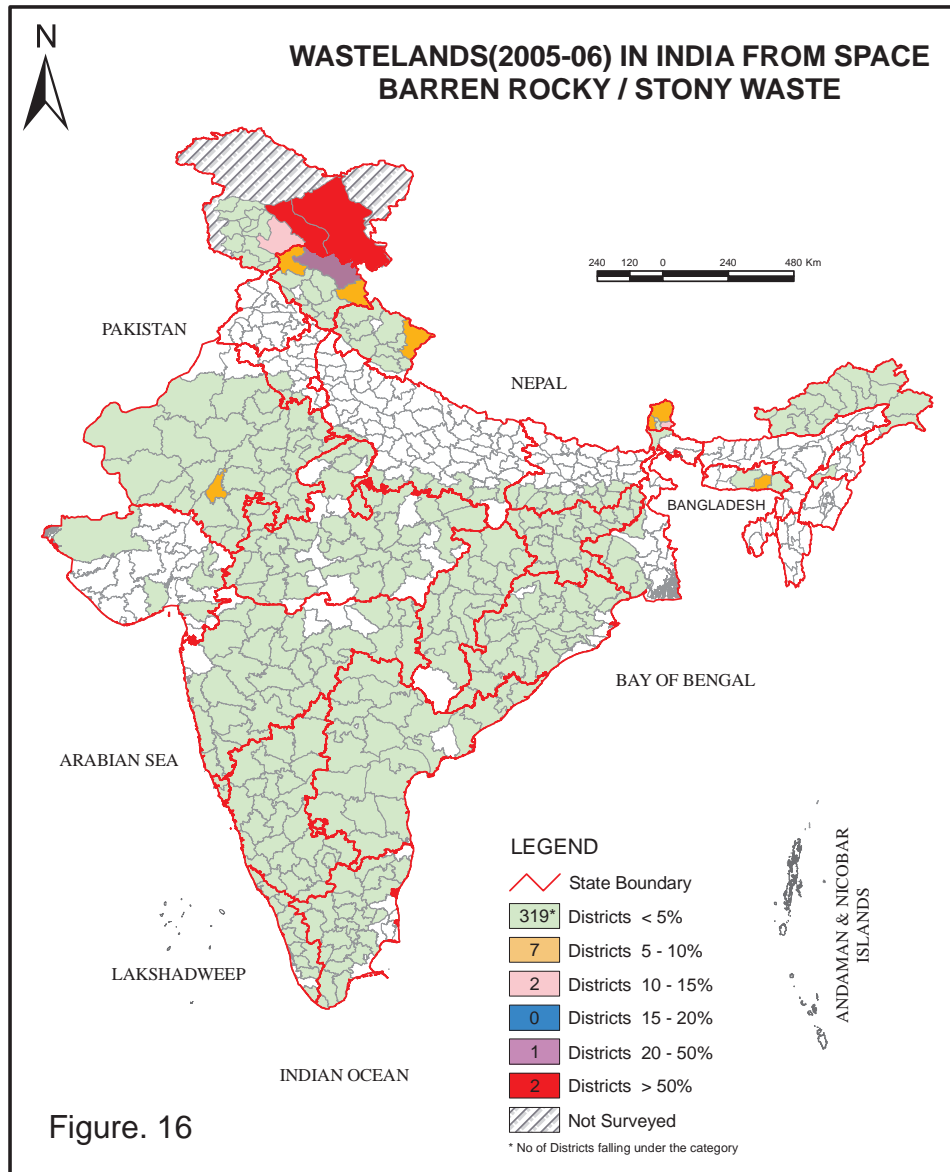












**Table 3: India - State-wise distribution of Wastelands**

Area in Sq km

SI. No.	STATE NAME	TGA	Total WL	% to TGA
1	Andhra Pradesh	275068	38788.22	14.10
2	Arunachal Pradesh	83743	5743.84	6.86
3	Assam	78438	8778.02	11.19
4	Bihar	94171	6841.09	7.26
5	Chattisgarh	135194	11817.82	8.74
6	Delhi	1483	83.34	5.62
7	Goa	3702	496.27	13.41
8	Gujarat	196024	21350.38	10.89
9	Haryana	44212	2347.05	5.31
10	Himachal Pradesh	55673	22470.05	40.36
11	Jammu & Kashmir *	101387	73754.38	72.75
12	Jharkhand	79706	11670.14	14.64
13	Karnataka	191791	14438.12	7.53
14	Kerala	38863	2458.69	6.33
15	Madhya Pradesh	308252	40042.98	12.99
16	Maharashtra	307690	38262.81	12.44
17	Manipur	22327	7027.47	31.48
18	Meghalaya	22429	3865.76	17.24
19	Mizoram	21081	6021.14	28.56
20	Nagaland	16579	4815.18	29.04
21	Orissa	155707	16648.27	10.69
22	Punjab	50362	1019.50	2.02
23	Rajasthan	342239	93689.47	27.38
24	Sikkim	7096	3280.88	46.24
25	Tamilnadu	130058	9125.56	7.02
26	Tripura	10486	1315.17	12.54
27	Uttarakhand	53483	12790.06	23.91
28	UttarPradesh	240928	10988.59	4.56
29	West Bengal	88752	1994.41	2.25
30	Union Territory	9490	337.30	3.55
	<b>Total</b>	<b>3166414</b>	<b>472261.95</b>	<b>14.91</b>

\* Unsurveyed areas (J&K) : 120849.00      Total geographical area : 3287263.00

Source: 1:50,000 Wasteland Maps-2005-06 prepared based on IRS-P6, LISS III Three season data

**Table 4: India - Category-wise distribution of Wastelands**

Sl.No.	Category	Area in Sq km	
		Total WL	% to TGA
1	Gullied and/or ravinous land-Medium	6999.03	0.22
2	Gullied and/or ravinous land-Deep/very deep ravine	1714.83	0.05
3	Land with dense scrub	93389.55	2.95
4	Land with open scrub	91633.00	2.89
5	Waterlogged and Marshy land-Permanent	2532.46	0.08
6	Waterlogged and Marshy land-Seasonal	2990.84	0.09
7	Land affected by salinity/alkalinity-Moderate	5429.83	0.17
8	Land affected by salinity/alkalinity-Strong	1737.81	0.05
9	Shifting cultivation area-Current Jhum	5625.07	0.18
10	Shifting cultivation area-Abandoned Jhum	4608.45	0.15
11	Under utilised/degraded forest-Scrub dominated	85809.54	2.71
12	Agricultural land inside notified forest land	16386.08	0.52
13	Degraded pastures/grazing land	7196.44	0.23
14	Degraded land under plantation crops	316.22	0.01
15	Sands- Riverine	2439.85	0.08
16	Sands- Coastal sand	719.00	0.02
17	Sands- Desert Sand	5280.07	0.17
18	Sands- Semi-stabilized to stabilized (>40m) dune	11188.21	0.35
19	Sands- Semi-stabilized to stabilized moderately high (15- 40m) dune	15627.63	0.49
20	Mining Wastelands	505.35	0.02
21	Industrial wastelands	63.99	0.00
22	Barren rocky area	69373.92	2.19
23	Snow cover and/or glacial area	40694.80	1.29
	<b>Total</b>	<b>472261.95</b>	<b>14.91</b>

Source: 1:50,000 Wasteland Maps-2005-06 prepared based on IRS-P6, LISS III Three season data

Note: 1,20,849.00sq km in Jammu&Kashmir is not mapped and hence not considered for calculating the percentage



Table 5: India - State-wise and Category-wise distribution of Wastelands

Sl. No.	STATE NAME	Area in Sq km																							Total WL	TGA	% to TGA		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23					
1	Andhra Pradesh	405.48	2.89	10323.01	7416.17	109.07	0.00	1215.10	504.83	15.15	1.30	13123.06	1835.48	132.37	37.79	32.12	318.72	3.76	0.00	0.00	14.39	1.77	3295.73	0.00	38788.22	275068	14.10		
2	Arunachal Pradesh	0.00	0.00	957.70	2162.04	0.00	0.00	0.00	0.00	1025.07	506.39	20.46	0.00	186.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.09	735.98	5743.84	83743	6.86		
3	Assam	0.00	0.00	1956.80	1626.68	494.69	1025.46	0.00	0.00	160.15	79.41	1300.80	2132.50	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.51	0.00	0.00	0.00	8778.02	78438	11.19	
4	Bihar	71.83	0.00	954.39	2761.16	694.65	869.40	0.00	3.97	0.00	0.00	1198.63	76.85	60.63	11.54	6.82	0.00	0.00	0.00	0.00	0.22	6.66	124.35	0.00	6841.09	94171	7.26		
5	Chattisgarh	142.90	0.00	1049.85	3052.58	0.00	0.00	0.28	0.00	0.00	0.00	2943.78	3616.46	0.00	0.00	179.09	0.00	0.00	0.00	0.00	0.00	5.91	0.00	826.98	0.00	11817.82	135194	8.74	
6	Delhi	0.72	6.12	7.51	56.09	5.29	0.00	0.15	0.00	0.00	0.00	7.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	83.34	1483	5.62		
7	Goa	0.00	0.00	51.89	216.38	42.79	9.48	0.00	0.00	0.00	0.00	58.78	3.24	0.00	14.69	0.00	3.39	0.00	0.00	0.00	0.00	30.95	0.35	64.33	0.00	496.27	3702	13.41	
8	Gujarat	392.02	1.73	11614.83	6658.03	0.00	80.59	696.55	0.00	0.00	0.00	1413.86	155.35	44.19	53.06	0.00	75.38	0.00	0.00	0.00	0.00	15.29	0.00	149.49	0.00	21350.38	196024	10.89	
9	Haryana	0.00	0.96	2.98	837.95	20.86	51.22	69.61	23.26	0.00	0.00	171.02	0.00	914.58	75.63	1.79	0.00	0.00	0.00	41.19	35.36	2.51	98.13	0.00	2347.05	44212	5.31		
10	Himachal Pradesh	170.23	4.52	1103.65	2268.19	0.00	10.45	0.00	0.00	0.00	0.00	1290.43	0.00	164.36	0.00	49.38	0.00	0.00	0.00	0.00	0.00	7.46	0.00	5314.17	12087.20	22470.05	55673	40.36	
11	Jammu & Kashmir	423.14	553.24	1617.25	2280.70	74.67	0.86	16.65	56.68	0.00	0.00	4019.26	238.29	125.55	41.61	1671.02	0.00	226.07	0.00	0.00	0.00	3.88	4.98	46379.45	16021.09	73754.38	101387	72.75	
12	Jharkhand	106.14	0.00	2074.06	3600.33	0.36	0.00	0.00	0.00	0.00	0.00	4400.59	518.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.82	0.29	961.56	0.00	11670.14	79706	14.64	
13	Karnataka	127.11	0.00	4745.46	1656.52	13.23	4.63	512.97	0.35	0.00	0.00	5245.32	644.85	6.36	9.04	11.62	9.22	0.00	0.00	0.00	0.00	28.36	0.00	1423.09	0.00	14438.12	191791	7.53	
14	Kerala	0.00	0.00	725.62	787.78	5.06	14.91	0.00	0.00	0.00	0.00	572.25	0.00	0.00	0.00	16.48	28.70	0.00	0.00	0.00	0.20	0.00	307.68	0.00	2458.69	38863	6.33		
15	Madhya Pradesh	1493.69	8.37	6361.08	16231.47	0.00	0.00	0.00	0.00	0.00	0.00	12256.23	3136.55	20.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.72	1.48	458.19	0.00	40042.98	308252	12.99	
16	Maharashtra	547.03	0.00	11251.44	13242.14	59.03	1.76	41.00	26.36	0.00	0.00	10026.96	1189.18	149.72	21.25	3.65	29.48	0.00	0.00	0.00	0.00	30.45	0.00	1643.37	0.00	38262.81	307690	12.44	
17	Manipur	0.00	0.00	3718.87	900.54	0.00	0.00	0.00	0.00	752.10	100.10	1555.86	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	7027.47	22327	31.48	
18	Meghalaya	0.00	0.00	454.43	2640.10	0.00	0.00	0.00	0.00	291.87	157.12	67.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	255.13	0.00	3865.76	22429	17.24
19	Mizoram	0.00	0.00	0.00	36.32	0.00	0.00	0.00	0.00	1028.53	1589.03	3367.26	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	6021.14	21081	28.56	
20	Nagaland	0.00	0.00	972.55	1011.02	0.00	0.00	0.00	0.00	1239.09	1588.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.87	0.00	4815.18	16579	29.04	
21	Orissa	671.19	0.00	5445.08	1383.29	424.04	35.56	8.47	23.09	1023.83	421.61	4781.34	1842.28	0.00	1.88	2.79	34.15	0.00	0.00	0.00	0.00	7.90	10.67	531.11	0.00	16648.27	155707	10.69	
22	Punjab	82.12	0.00	109.94	95.29	78.01	34.39	30.14	27.87	0.00	0.00	69.47	0.00	0.00	0.00	97.92	0.00	394.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1019.50	50362	2.02	
23	Rajasthan	1020.17	864.75	23661.70	14619.38	64.88	54.94	347.12	269.12	0.00	0.00	11365.78	854.34	3918.42	0.00	196.69	0.00	4655.88	11188.21	15586.44	106.86	9.06	4905.72	0.00	93689.47	342239	27.38		
24	Sikkim	0.00	0.00	0.00	6.37	0.00	0.00	0.00	0.00	0.00	0.00	60.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	579.90	2633.66	3280.88	7096	46.24
25	Tamilnadu	107.97	0.91	2128.14	2027.41	55.31	68.25	296.00	83.82	0.00	0.00	2600.55	61.13	1041.74	41.88	34.15	200.63	0.00	0.00	0.00	0.00	90.18	3.94	283.56	0.00	9125.56	130058	7.02	
26	Tripura	0.00	0.00	229.44	298.41	0.68	0.00	0.00	0.00	89.28	164.83	522.52	0.00	0.00	0.00	10.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1315.17	10486	12.54	
27	Uttarakhand	0.00	0.00	211.28	1073.12	0.00	0.00	0.00	0.00	0.00	0.00	714.54	15.95	410.76	1.98	0.31	0.00	0.00	0.00	0.00	0.00	1.61	1.48	1142.16	9216.87	12790.06	53483	23.91	
28	UttarPradesh	1216.48	264.63	1160.19	1835.12	376.54	721.12	2193.28	718.46	0.00	0.00	1857.31	64.61	21.47	3.48	109.92	0.00	0.00	0.00	0.00	0.00	16.16	18.07	411.75	0.00	10988.59	240928	4.56	
29	West Bengal	20.56	0.58	497.68	802.46	12.55	7.37	0.00	0.00	0.00	0.00	534.85	0.00	0.00	2.40	16.10	7.94	0.00	0.00	0.00	25.09	2.72	64.12	0.00	1994.41	88752	2.25		
30	Union Territory	0.26	6.12	2.72	49.97	0.77	0.44	2.50	0.00	0.00	0.00	263.14	0.00	0.00	0.00	0.00	11.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	337.30	9490	3.55		
	<b>Total</b>	<b>6999.03</b>	<b>1714.83</b>	<b>93389.55</b>	<b>91633.00</b>	<b>2532.46</b>	<b>2990.84</b>	<b>5429.83</b>	<b>1737.81</b>	<b>5625.07</b>	<b>4608.45</b>	<b>85809.54</b>	<b>16386.08</b>	<b>7196.44</b>	<b>316.22</b>	<b>2439.85</b>	<b>719.00</b>	<b>5280.07</b>	<b>11188.21</b>	<b>15627.63</b>	<b>505.35</b>	<b>63.99</b>	<b>69373.92</b>	<b>40694.80</b>	<b>472261.95</b>	<b>3166414</b>	<b>14.91</b>		

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

Source: 1:50,000 Wasteland Maps-2005-06 prepared based on IRS-P6, LISS III Three season data

NOTE: 1,20,849.00 Sq.km in Jammu & Kashmir is not mapped and hence not considered for calculating the percentage

**Table 6: India - State-wise changes in wastelands**

Area in Sq km

Sl. No.	STATE	TOTAL GEOGR. AREA	1986-2000		2003		% CHANGE 2000 - 2003	2006		CHANGE IN AREA (2003-2006)	% CHANGE 2003 - 2006
			W.L. AREA	% to TGA	W.L. AREA	% to TGA		W.L. AREA	% to TGA		
1	Andhra Pradesh	275068	51750.19	18.81	45267.15	16.46	-2.35	38788.22	14.10	-6478.93	-2.36
2	Arunachal Pradesh	83743	18326.25	21.88	18175.95	21.70	-0.18	5743.84	6.86	-12432.11	-14.85
3	Assam	78438	20019.17	25.52	14034.08	17.89	-7.63	8778.02	11.19	-5256.06	-6.70
4	Bihar	94171	20997.55*	12.08	5443.68	5.78	-6.30	6841.09	7.26	1397.41	1.48
5	Chattisgarh	135194	-----	-----	**11301.27	8.36	-----	11817.82	8.74	516.55	0.38
6	Delhi	1483	-----	-----	68.16	4.60	-----	83.34	5.62	15.18	1.02
7	Goa	3702	613.27	16.57	531.29	14.35	-2.22	496.27	13.41	-35.02	-0.95
8	Gujarat	196024	43021.28	21.95	20377.74	10.40	-11.55	21350.38	10.89	972.64	0.50
9	Haryana	44212	3733.98	8.45	3266.45	7.39	-1.06	2347.05	5.31	-919.40	-2.08
10	Himachal Pradesh	55673	31659	56.87	28336.80	50.90	-5.97	22470.05	40.36	-5866.75	-10.54
11	Jammu & Kashmir	101387	65444.24	64.55	70201.99	69.24	4.69	73754.38	72.75	3552.39	3.50
12	Jharkhand	79706	-----	-----	11165.26	14.01	-----	11670.14	14.64	504.88	0.63
13	Karnataka	191791	20839.28	10.87	13536.58	7.06	-3.81	14438.12	7.53	901.54	0.47
14	Kerala	38863	1448.18	3.73	1788.80	4.60	0.87	2458.69	6.33	669.89	1.72
15	Madhya Pradesh	308252	69713.75^	15.72	57134.03	18.53	2.81	40042.98	12.99	-17091.05	-5.54
16	Maharashtra	307690	53489.08	17.38	49275.41	16.01	-1.37	38262.81	12.44	-11012.60	-3.58
17	Manipur	22327	12948.62	58	13174.74	59.01	1.01	7027.47	31.48	-6147.27	-27.53
18	Meghalaya	22429	9904.38	44.16	3411.41	15.21	-28.95	3865.76	17.24	454.35	2.03
19	Mizoram	21081	4071.68	19.31	4469.88	21.20	1.89	6021.14	28.56	1551.26	7.36
20	Nagaland	16579	8404.1	50.69	3709.40	22.37	-28.32	4815.18	29.04	1105.78	6.67
21	Orissa	155707	21341.71	13.71	18952.74	12.17	-1.54	16648.27	10.69	-2304.47	-1.48
22	Punjab	50362	2228.4	4.42	1172.84	2.33	-2.09	1019.50	2.02	-153.34	-0.30
23	Rajasthan	342239	105639.11	30.89	101453.86	29.64	-1.25	93689.47	27.38	-7764.39	-2.27
24	Sikkim	7096	3569.58	50.3	3808.21	53.67	3.37	3280.88	46.24	-527.33	-7.43
25	Tamil Nadu	130058	23013.9	17.7	17303.29	13.30	-4.40	9125.56	7.02	-8177.73	-6.29
26	Tripura	10486	1276.03	12.17	1322.97	12.62	0.45	1315.17	12.54	-7.80	-0.07
27	Uttarakhand	53483	-----	-----	16097.46	30.10	-----	12790.06	23.91	-3307.40	-6.18
28	UttarPradesh	240928	38772.8#	13.17	16984.16	7.05	-6.12	10988.59	4.56	-5995.57	-2.49
29	West Bengal	88752	5718.48	6.44	4397.56	4.95	-1.49	1994.41	2.25	-2403.15	-2.71
30	Union Territory	9490	574.3	5.23	246.22	2.59	-2.64	337.30	3.55	91.08	0.96
	<b>Total</b>	<b>3166414.00</b>	<b>638518.31</b>	<b>20.17</b>	<b>556409.38</b>	<b>17.57</b>	<b>-2.60</b>	<b>472261.95</b>	<b>14.91</b>	<b>-84147.43</b>	<b>-2.66</b>

\* Includes Jharkhand

^ Includes Chattisgarh

# includes Uttarakhand

\*\* 7584.15 sq km in 2003 revised to 11301.27 due to inclusion of 3717.12 sq km of Agri land under Notified forest area

NOTE: 1,20,849.00 Sq.km in Jammu &amp; Kashmir is not mapped and hence not considered for calculating the percentage

**Table 7: India - Category-wise changes in Wastelands**

Sl. No.	Category	Area in Sq km									
		Wastelands			Percentage			Change (2000-2003)		Change (2003-2006)	
		1986-2000	2003	2005-06	1986-2000	2003	2005-06	Area	%	Area	%
1	Gullied and/or Ravinous land	20553.35	19042.08	8713.86	0.65	0.60	0.28	-1511.27	-0.05	-10328.22	-0.33
2	Land with or without scrub	194014.29	188989.58	185022.55	6.13	5.94	5.84	-5024.71	-0.19	-3967.03	-0.09
3	Waterlogged and marshy land	16568.45	9744.97	5523.29	0.52	0.31	0.17	-6823.48	-0.22	-4221.68	-0.13
4	Land affected by salinity/alkalinity- Coastal/inland	20477.38	12024.05	7167.64	0.65	0.38	0.23	-8453.33	-0.27	-4856.41	-0.15
5	Shifting Cultivation Area	35142.20	18780.88	10233.51	1.11	0.60	0.32	-16361.32	-0.51	-8547.36	-0.28
6	Under utilised/degraded notified forest land	140652.31	129215.35	102195.62	4.44	3.99	3.23	-11436.96	-0.45	-27019.73	-0.76
7	Degraded pastures/grazing land	25978.91	19344.30	7196.44	0.82	0.61	0.23	-6634.61	-0.21	-12147.86	-0.38
8	Degraded land under plantation	5828.09	2142.01	316.22	0.18	0.07	0.01	-3686.08	-0.12	-1825.79	-0.06
9	Sands- Inland/Coastal	50021.65	33985.21	35254.75	1.58	1.07	1.11	-16036.44	-0.51	1269.54	0.04
10	Mining/Industrial wastelands	1252.13	1970.15	569.34	0.04	0.06	0.02	718.02	0.02	-1400.81	-0.04
11	Barren rocky/stony waste/sheet rock area	72241.06	66842.65	69373.92	2.28	2.11	2.19	-5398.41	-0.17	2531.27	0.08
12	Snow covered and/or glacial area	55788.49	54328.16	40694.80	1.76	1.72	1.29	-1460.33	-0.05	-13633.36	-0.43
	<b>Total Wasteland Area</b>	<b>638518.31</b>	<b>556409.38</b>	<b>472261.95</b>	<b>20.17</b>	<b>17.57</b>	<b>14.91</b>	<b>-82108.93</b>	<b>-2.60</b>	<b>-84147.43</b>	<b>-2.66</b>

Source: 1:50,000 Wasteland Maps-  
 1986-2000 based on Landsat TM/IRS LISS II & LISS III data  
 2003 based on IRS LISS III single season data  
 2005-06 prepared based on IRS-P6, LISS III Three season data

NOTE: 1,20,849.00 Sq.km in Jammu & Kashmir is not mapped and hence not considered for calculating the percentage

Table 8: District - wise distribution of Wastelands

ANDHRA PRADESH

Cat-egory	Adilabad	Anant-pur	Chittoor	Cud-dapah	East Go-davari	Guntur	Hydera-bad	Karim-nagar	Kham-mam	Krishna	Kurnool	Maha-boobna-gar	Medak	Nal-gonda	Nellore	Nizam-abad	Praka-sam	Ranga Reddy	Srika-kulam	Visakhap-atnam	Viziana-garam	Waran-gal	West Goda-vari	Total
1	61.20	0.56	25.16	10.63	18.39	0.09	0.00	13.57	43.28	0.00	40.44	2.68	1.73	1.19	20.13	12.47	26.35	0.33	9.61	73.38	37.02	3.31	3.94	405.48
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	0.00	0.00	2.89	0.00	0.00	0.00	2.89
3	286.88	781.38	945.21	1115.94	153.75	127.84	0.44	318.28	163.44	97.08	601.51	404.30	494.62	550.26	631.44	289.94	1025.39	316.39	277.48	1091.88	330.77	265.82	52.96	10323.01
4	202.31	697.94	726.10	1242.08	46.36	209.03	1.07	469.85	14.33	49.54	253.24	312.99	421.86	156.38	444.62	419.07	584.36	128.08	184.11	379.45	78.69	386.81	7.87	7416.17
5	0.00	0.00	0.00	0.00	36.04	12.06	0.00	0.00	0.00	54.21	0.00	0.00	0.00	0.00	0.49	0.00	2.49	0.00	0.00	0.64	0.00	0.00	3.14	109.07
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	270.09	82.41	14.02	0.00	1.13	0.00	0.00	0.00	0.00	219.46	186.63	0.00	57.72	248.24	0.00	135.40	0.00	0.00	0.00	0.00	0.00	0.00	1215.10
8	0.00	81.98	12.45	5.52	0.00	17.13	0.00	0.00	0.00	0.00	96.70	61.37	0.00	51.02	59.23	0.00	119.42	0.00	0.00	0.00	0.00	0.00	0.00	504.83
9	0.00	0.00	0.00	0.00	15.03	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	0.13	15.15
10	0.00	0.00	0.00	0.00	1.13	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	0.17	0.00	0.00	0.00	1.30
11	1056.08	1202.46	1343.91	1485.53	167.93	335.90	0.00	402.81	99.61	211.17	665.37	850.70	330.22	608.93	792.22	556.47	957.42	242.40	310.20	676.96	344.88	477.20	4.69	13123.06
12	393.38	2.36	15.31	5.74	18.06	43.05	0.00	31.40	327.22	21.99	31.50	68.79	6.55	33.57	17.61	27.85	19.34	68.49	18.29	184.66	256.86	203.30	40.16	1835.48
13	0.00	0.00	0.00	0.00	35.38	0.00	0.17	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.10	0.00	54.63	0.00	0.00	5.96	132.37
14	0.00	0.00	0.00	0.00	13.54	0.00	0.00	0.00	0.00	9.91	0.00	0.00	3.25	0.00	0.00	0.00	0.88	0.00	9.46	0.42	0.00	0.32	0.00	37.79
15	0.06	7.12	0.23	1.22	0.00	0.00	0.00	0.26	0.00	0.23	0.00	0.00	0.00	0.00	20.31	0.49	0.12	0.00	0.00	0.00	0.00	1.99	0.07	32.12
16	0.00	0.00	0.00	0.00	47.51	8.49	0.00	0.00	0.00	16.97	0.00	0.00	0.00	0.00	162.18	0.00	35.99	0.00	23.58	18.67	2.21	0.00	3.13	318.72
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	0.65	0.00	3.11	0.00	0.00	0.00	0.00	0.00	0.00	3.76
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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.32	0.00	0.00	0.27	0.00	0.00	0.00	0.00	10.95	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.11	0.00	0.00	1.15	0.00	0.00	0.79	14.39
21	0.70	0.00	0.00	0.00	0.00	1.04	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	0.03	1.77
22	33.05	539.42	272.68	288.61	0.56	486.79	0.00	74.26	37.17	3.60	735.43	235.98	65.59	164.35	8.95	44.76	116.57	57.69	8.94	11.91	23.02	86.31	0.10	3295.73
23	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	2033.99	3583.32	3423.47	4169.57	553.66	1242.55	1.68	1310.44	699.13	464.71	2643.65	2124.27	1323.82	1623.43	2406.10	1351.05	3026.95	846.49	841.66	2496.81	1073.45	1425.07	122.96	38788.22
TGA	16128	19130	15152	15359	10807	11391	217	11823	16029	8727	17658	18432	9699	14240	13076	7956	17626	7493	5837	11161	6539	12846	7742	275068
% to TGA	12.61	18.73	22.59	27.15	5.12	10.91	0.77	11.08	4.36	5.32	14.97	11.52	13.65	11.40	18.40	16.98	17.17	11.30	14.42	22.37	16.42	11.09	1.59	14.10

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