

Sl.No.	Main Scheme	Sub Scheme
2.	National River Conservation Plan	(i) National River Conservation Programme (ii) National Lake Conservation Programme (iii) National Ganga River Basin Authority
3.	National Coastal Management Programme	-

(b) and (c) Yes, Sir. These are ongoing schemes. The proposals seeking assistance under these schemes are received in the Ministry on a regular basis. The proposals so received are considered for sanction subject to their admissibility as per the guidelines, priorities set by Government of India and availability of funds under the Plan.

Measures for checking desertification in the country

645. DR. GYAN PRAKASH PILANIA: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state :

(a) whether dry land in India is increasing rapidly, and the present scenario thereof;

(b) if so, the details thereof over the past three years, State-wise;

(c) the steps taken to check desertification, State-wise;

(d) the recommendations contained in Desertification and Land Degradation Atlas of India (Space Application Centre, 2007) and Wasteland Atlas of India, 2010 (Department of Land Resources, Ministry of Rural Development); and

(e) the follow-up action thereof?

THE MINISTER OF STATE OF THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRIMATI JAYANTHI NATARAJAN): (a) and (b) The status of land degradation and desertification in the country has been assessed by several organizations, providing varied figures, the systematic spatial inventory has never done before. The Desertification and Land Degradation Atlas (2007) was first ever attempt in the country to systematically carryout Desertification/land degradation Status mapping on 1:50,000 scale in the representation sites pertaining to arid, semi arid and dry sub humid areas, in both hot and cold regions in India.

India has a total geographic area (TGA) of 328 m ha, out of which drylands constitute an area of 228.3 million hectares (about 69.6 %). The drylands comprise of Arid areas covers 50.8 million hectares, Semi- Arid areas covers 123.4 million hectares and Dry sub-humid areas covers 54.1 million hectares.

The Department of Land Resources has no information that dry land in India is increasing rapidly. The total area undergoing the process of land degradation in India is estimated at 105.48 million hectares, which constitutes 32.07 percentage of

India's total land area, (source: Desertification Status Map, Space Application Centre, ISRO, Ministry of Space, 2007).

State wise information is placed at Statement-I (*See below*).

As per the Wastelands Atlas of India 2010 India has about 47.22 million hectares (mha) under wastelands. The estimated area under wasteland, for various years is summarized below :

Year	% Extent of wastelands of TGA
2000	20%
2003	17.57%
2005-06	14.91%

State-wise information is placed at Statement-II (*See below*).

(c) Based on the details in the Desertification and Land Degradation Atlas and Wasteland Atlas of India 2010, the steps taken to check desertification, include, implementation of following programmes in States and UTs.

Integrated Watershed Management Programme (IWMP), National Afforestation Programme (NAP), Soil Conservation in the Catchment of River Valley Project and Flood Prone River, National Watershed Development Project for Rainfed Areas (NWDPR), Sustainable Land and Ecosystem Management (SLEM), Fodder and Feed Development Scheme-component of Grassland Development including Grass Reserves, Command Area Development and Water Management (CADWM) programme, National Rural Drinking Water Programme (NRDWP), National Project for Repair, Renovation and Restoration (RRR) of Water Bodies, The Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS), National Rural Livelihood Mission (NRLM). Solar Photovoltaic (SPV) Programme etc.

(d) and (e) No recommendations are contained in the Wasteland Atlas of India, 2010 brought out by National Remote Sensing Centre, Hyderabad or in the Desertification and Land Degradation Atlas of India.

Statement-I											80 Written Answers to [RAJYA SABHA]
Desertification and Land Degradation											
State	Processes					Mass Movement	Wat Logg	Rock/ Barn	Others	Total (ha)	
	Wat Ero	Veg Deg	Eolian	Frost Shat	Salinity						
1	2	3	4	5	6	7	8	9	10	11	
Andhra Pradesh	2084611	2546819	13054	0	136977	0	106543	59552	17236	4964792	
Arunachal Pradesh	174467	1060423	0	581798						1816688	
Assam	846611	1526454	0	0	0	0	46021			2419086	
Bihar	108490	104812	0	0	9466	0	188070	3646	299	414783	
Chhattisgarh	707382	1894274	1235	0	647	0	521	14834	16399	2635292	
Goa	1172	0	0	0	0	0	0	5073		6245	
Gujarat	6790469	2737866	543322	0	3294079	0	0	23521	25951	13415208	
Haryana/Delhi	0	0	112304	0	72063	0	0	50643		235010	
Himachal Pradesh	97232	1918629	259	741783	0	4843				2762746	
Jammu and Kashmir	207905	313304	618344	7903008	0	4447429	0	0	7428	13497418	
Jharkhand	1160878	641235	0	0	0	0	3321	11357	2095	1818886	
Karnataka	683450	934861	4537	0	56621	0		12883	384	1692736	
Kerala	28775	60691	0	0	0	0	0	411		89877	
Madhya Pradesh	1314276	2083423	0	0	2053	0	333	61990	3283	3465358	
Maharashtra	9251593	4034749	0	0	45014	0	0	8371	19450	13359177	
											Unstarred Questions

80 Written Answers to

[RAJYA SABHA]

Unstarred Questions

Manipur	309038	1179151	0				8517			1496706
Meghalaya	94256	781036	0	0	0	0	1606			876898
Mizoram	1036	1664017	0							1665053
Nagaland		0	1065578	0						1065578
Orissa	3206507	2011038	1202				242838	2544	5107	5469236
Punjab	6049	4331	0							10380
Sikkim	20649	152924	0	154776						328349
Rajasthan	3840503	2138495	15203070		364643		4108	1383473	31875	22966167
Tamil Nadu	94794	345226	3090		1565				6353	451028
Tripura	0	667122	0				14721			681843
Uttar Pradesh	648939	167697	0		1272238		131428	12919	4282	2237503
Uttaranchal	82473	2073049	0	827279	811					2983612
West Bengal	1789721	618557					240480		11909	2660667
TOTAL	33551276	31660183	17564760	10208919	5256177	4452272	988507	1651217	153011	105486322

Table 4 : State-wise Statistics of the processes of desertification/land degradation

Written Answers to

[20 MAR., 2012]

Unstarred Questions 81

Statement-II*State-wise distribution of wastelands**(Area in sq.km.)*

Sl. 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.	Chhattisgarh	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 and 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.	Tamil Nadu	130058	9125.56	7.02
26.	Tripura	10486	1315.17	12.54
27.	Uttarakhand	53483	12790.06	23.91
28.	Uttar Pradesh	240928	10988.59	4.56
29.	West Bengal	88752	1994.41	2.25
30.	Union Territory	9490	337.30	3.55
TOTAL		3166414	472261.65	14.91

* 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.*