

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 5620
TO BE ANSWERED ON 26.07.2019

Cutting of Trees due to Development Works

5620. SHRI RAVI KISHAN:
SHRI RAJIV PRATAP RUDY:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) the total area *vis-a-vis* total geographical area under Tree cover/Forest cover in the country, State/UT-wise;
- (b) whether the Government has any data/estimates regarding the number of trees cut due to development works, construction, forest-fire and other reasons in the last five years and if so, the details thereof;
- (c) the measures taken by the Government to plant more trees in the country along with the number of trees planted in the last four years, State/ UT-wise; and
- (d) whether the Government has made separate budgetary provisions for tree plantation to increase forest cover in the country, if so, the details thereof, State/ UT-wise?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI BABUL SUPRIYO)

- (a) Forest Survey of India, Dehradun, an organization under the Ministry carries out assessment of forest cover of the country biennially and findings are published in India State of Forest Report (ISFR). As per the latest report i.e. ISFR- 2017, the total forest and tree cover in the country is 8,02,088 square kilometre (forest cover 7,08,273 square kilometre, tree cover 93,815 square kilometre) which is 24.39% of the geographical area of the country. There is an increase of 8,021 square kilometre (forest cover 6,778 square kilometre, tree cover 1,243 square kilometre) of total forest and tree cover compared to that of ISFR-2015. The State/UTs wise details of forest and tree cover as per ISFR-2017 are given in **Annexure I**.

(b) Trees are felled for various development purposes with the permission of competent authorities in accordance with the procedure laid down in various Acts. The details of permission of tree felling granted by the Ministry under Forest (Conservation) Act, 1980 from 2014-15 to 2018-19 is given in **Annexure-II**. However, Ministry does not maintain data regarding the cutting of trees due to forest fire.

(c) & (d) To increase forest cover of the country, afforestation programmes are being taken up under various Centrally Sponsored Schemes such as National Afforestation Programme (NAP) and Green India Mission (GIM) being implemented by the Ministry of Environment, Forest and Climate Change. Afforestation activities are also taken up under various programmes/funding sources such as Mahatma Gandhi National Rural Employment Guarantee Scheme, Pradhan Mantri Krishi Sinchayee Yojana, CAF and under concerned State/UT schemes/plans.

A sum of Rs.237.07 crore has so far been released to twelve states under GIM for undertaking afforestation activities over an area of 87113.86 hectare and providing alternative energy devices to 56,319 households. Under NAP, an amount of Rs.328.90 Crore has been released to the States to treat new area of 94828 hectares during the last four years (2015-16 to 2018-19). Details of fund released by the Ministry under NAP and GIM during the last four years to States/UT are given in Annexure-III and IV respectively.

Whenever forest land is diverted for non-forestry purpose, Compensatory Afforestation over an equal non-forest land or double the degraded forest land is carried out from the funds deposited in Compensatory Afforestation Fund (CAF). The details of fund released to the various States/UTs since 2014-15 is given in **Annexure-V**.

Annexure I

**Annexure referred to in reply to part (a) of the Lok Sabha Unstarred Question No. 5620
due for answer on 26.07.2019 regarding ‘Cutting of Trees due to Development
Works’.**

State/UTs wise details of Forest and Tree Cover as per ISFR 2017

(Area in square kilometre)

State	Geographical Area	Forest Cover	Tree Cover	Total Forest and Tree Cover	Percentage of geographical area
Andhra Pradesh	162968	28,147	3753	31900	19.57
Arunachal Pradesh	83743	66,964	807	67771	80.93
Assam	78438	28,105	1496	29601	37.74
Bihar	94163	7,299	2263	9562	10.15
Chhattisgarh	135192	55,547	3833	59380	43.92
Delhi	1483	192.41	113	305.41	20.59
Goa	3702	2229	323	2552	68.94
Gujarat	196244	14,757	8024	22781	11.61
Haryana	44212	1588	1415	3003	6.79
Himachal Pradesh	55673	15,100	822	15922	28.60
Jammu & Kashmir *	222236	23,241	7815	31056	13.97
Jharkhand	79716	23,553	2922	26475	33.21
Karnataka	191791	37,550	5713	43263	22.56
Kerala	38852	20,321	2959	23280	59.92
Madhya Pradesh	308252	77,414	8073	85487	27.73
Maharashtra	307713	50,682	9831	60513	19.67
Manipur	22327	17,346	220	17566	78.68
Meghalaya	22429	17,146	657	17803	79.37
Mizoram	21081	18,186	467	18653	88.48
Nagaland	16579	12,489	379	12868	77.62
Odisha	155707	51,345	3993	55338	35.54
Punjab	50362	1837	1622	3459	6.87
Rajasthan	342239	16,572	8266	24838	7.26
Sikkim	7096	3344	35	3379	47.62
Tamil Nadu	130060	26,281	4671	30952	23.80
Telangana	112077	20,419	2669	23088	20.60
Tripura	10486	7726	215	7941	75.73
Uttar Pradesh	240928	14,679	7442	22121	9.18
Uttarakhand	53483	24,295	767	25062	46.86
West Bengal	88752	16,847	2136	18983	21.39
A&N Islands	8249	6742	35	6777	82.16
Chandigarh	114	21.56	10	31.56	27.68

Dadra & Nagar Haveli	491	207	30	237	48.27
Daman & Diu	111	20.49	10	30.49	27.47
Lakshadweep	30	27.10	2	29.1	97.00
Puducherry	490	53.67	27	80.67	16.46
Grand Total	32,87,469	7,08,273	93815	802088	24.39

* Includes Jammu & Kashmir area outside LoC that is under illegal occupation of Pakistan and China.

Annexure II

Annexure referred to in reply to part (b) of the Lok Sabha Unstarred Question No. 5620 due for answer on 26.07.2019 regarding 'Cutting of Trees due to Development Works'.

Permission of tree felling (nos.) against the proposals received under Forest Conservation Act.

Year	Permission of tree felling
2014-15	2334319
2015-16	1696917
2016-17	1701416
2017-18	2552164
2018-19	2691028
Grand Total	10975844

Annexure III

**Annexure referred to in reply to part (d) of the Lok Sabha Unstarred Question No. 5620
due for answer on 26.07.2019 regarding 'Cutting of Trees due to Development
Works'.**

Details of State wise funds released under National Afforestation Programme

(Rs. in Crore)					
S. No.	State	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
1	Andhra Pradesh	0.87	1.33	3.36	6.38
2	Bihar	5.01	2.18	4.23	0.00
3	Chhattisgarh	10.20	4.92	10.86	7.82
4	Goa	0.00	0.00	0.00	0.00
5	Gujarat	8.54	4.36	0.00	0.00
6	Haryana	0.72	3.50	2.71	0.00
7	Himachal Pradesh	0.00		1.72	2.92
8	Jammu & Kashmir	0.00		7.20	0.00
9	Jharkhand	0.00		0.00	0.00
10	Karnataka	1.05	7.33	3.24	10.99
11	Kerala	1.02		0.00	0.00
12	Madhya Pradesh	9.45	4.00	8.74	7.78
13	Maharashtra	14.90	4.76	6.73	15.33
14	Orissa	9.49	4.62	3.49	11.36
15	Punjab	0.00		0.00	0.00
16	Rajasthan	0.75		1.40	1.95
17	Tamil Nadu	1.42	1.56	0.00	2.07
18	Telangana	0.00		0.00	0.00
19	Uttar Pradesh	2.68	2.55	0.67	0.32
20	Uttarakhand	3.05		3.36	2.58
21	West Bengal	0.00		0.00	0.00
	Total (Other States)	69.16	41.10	57.71	69.50
	North Eastern states				
22	<i>Arunachal Pradesh</i>	0.00	0.00	0.86	
23	<i>Assam</i>	2.56	0.00	0.00	0.58
24	<i>Manipur</i>	3.67	1.21	3.19	4.38
25	<i>Meghalaya</i>	1.35	0.00	1.65	0.74
26	<i>Mizoram</i>	10.17	6.74	5.80	7.79
27	<i>Nagaland</i>	0.00	5.21	5.85	6.41
28	<i>Sikkim</i>	1.52	5.09	0.00	5.98
29	<i>Tripura</i>	5.73	0.00	4.94	
	Total (NE States)	25.00	18.25	22.29	25.88
	G. Total	94.16	59.35	80.00	95.38

**Annexure referred to in reply to part (d) of the Lok Sabha Unstarred Question No. 5620
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Works'.**

State-wise details of funds released under Green India Mission.

(Rs. in Crore)

Sl. No.	States	FY 2015-16	FY 2016-17	FY2017-18	FY 2018-19
1	Andhra Pradesh	-	1.06	0.446	2.6662
2	Chhattisgarh	23.39	20.23	10.953	5.3607
3	Karnataka	1.05	0.87	0.857	1.62339
4	Kerala*	9.15	-	-	-
5	Manipur	8.35	7.82	6.416	4.88812
6	Mizoram	-	9.88	20.00	22.364
7	Odisha	1.83	1.39	1.406	4.74334
8	Punjab*	6.11.	-	6.217	-
9	Uttarakhand**	20.21	-	-	-
10	Sikkim	-	-	-	3.3236
11	Maharashtra	-	-	-	10.30188
12	Madhya Pradesh	-	-	-	24.15919
Total		70.09	41.25	46.295	79.4304

Note: *Fund were revalidated for utilization in FY 2016-17.

** Fund were revalidated for utilization in FY 2016-17 and FY 2018-19

Annexure V

Annexure referred to in reply to part (d) of the Lok Sabha Unstarred Question No. 5620 due for answer on 26.07.2019 regarding 'Cutting of Trees due to Development Works'.

Details of State/UTs wise funds released under Compensatory Afforestation Funds

State/UT	FY 15-16	FY 16-17	FY-17-18	FY-18-19	FY-19-20
	Release (Rs.)	Release (Rs.)	Release (Rs.)	Release (Rs.)	Release (Rs.)
Andaman & Nicobar Islands	10,000,000	Nil	1,33,00,000.00	1,56,00,000.00	Nil
Andhra Pradesh	850,000,000	890,000,000	97,00,00,000.00	1,04,47,00,000.00	Nil
Arunachal Pradesh	620,000,000	1,500,000,000		3,54,15,00,000.00	Nil
Assam		300,000,000	70,00,00,000.00	45,84,00,000.00	Nil
Bihar	341,400,000	330,000,000	30,31,00,000.00	46,61,90,000.00	Nil
Chandigarh	21,179,000	10,000,000	1,13,00,000.00	1,27,00,000.00	Nil
Chhattisgarh	2,390,000,000	2,800,000,000	Nil	Nil	Nil
Dadar Nagar Haveli	Nil	Nil	Nil	Nil	Nil
Daman & Diu	Nil	Nil	Nil	Nil	Nil
Delhi	39,100,000	40,000,000	Nil	Nil	Nil
Goa			Nil	Nil	Nil
Gujarat	330,000,000	990,000,000	27,00,00,000.00	2,12,6600,000.00	Nil
Haryana	640,000,000	180,000,000	80,00,00,000.00	1,44,20,00,000.00	Nil
Himachal Pradesh	854,700,000	1,506,200,000	1,20,00,00,000.00	1,32,52,00,000.00	Nil
Jammu Kashmir	310,000,000	1,020,000,000	69,00,00,000.00	Nil	1,01,77,00,000.00
Jharkhand	1,410,000,000	1,490,000,000	2,34,00,00,000.00	2,86,25,00,000.00	Nil
Karnataka	600,000,000	851,200,000	86,00,00,000.00	1,01,40,00,000.00	Nil
Kerala	Nil	Nil	8,00,00,000.00	14,61,00,000.00	Nil
Lakshadweep	Nil	Nil	Nil	Nil	Nil
Madhya Pradesh					Nil
	2,130,000,000	1,400,000,000	2,00,00,00,000.00	2,68,76,00,000.00	
Maharashtra	1,550,000,000	2,050,000,000	1,99,00,00,000.00	2,25,00,00,000.00	Nil
Manipur	250,000,000	150,000,000	29,50,00,000.00	24,85,00,000.00	Nil
Meghalaya	165,600,000		7,00,00,000.00	Nil	Nil
Mizoram	100,000,000	77,300,000	6,85,00,000.00	8,30,00,000.00	Nil
Nagaland	Nil	Nil	Nil	Nil	Nil
Orissa	3,220,000,000	4,260,000,000	5,09,00,00,000.00	5,54,00,00,000.00	Nil
Pudducherry	Nil	Nil	Nil	Nil	Nil
Punjab	490,000,000	660,000,000	64,00,00,000.00	79,20,00,000.00	Nil
Rajasthan	480,000,000	1,480,600,000	1,79,00,00,000.00	1,82,03,00,000.00	Nil
Sikkim	110,000,000	90,000,000	Nil	Nil	Nil
Tamil Nadu	35,200,000	90,000,000	12,68,00,000.00	7,00,00,000.00	Nil
Telangana	760,000,000	1,170,000,000	1,27,00,00,000.00	2,37,38,00,000.00	Nil
Tripura					Nil
	110,000,000	120,000,000	7,10,00,000	16,70,00,000.00	
Uttar Pradesh	1,770,000,000	970,000,000	1,44,00,00,000.00	1,50,60,00,000.00	Nil
Uttrakhand	1,640,000,000	1,707,100,000	96,00,00,000.00	3,03,00,00,000.00	Nil
West Bengal	Nil	210,000,000	Nil	21,22,00,000.00	Nil
Total	21,227,179,000	26,342,400,000	24,049,000,000.00	35,235,890,000.00	1,017,700,000.00

