

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

RAJYA SABHA
UNSTARRED QUESTION NO. 542
TO BE ANSWERED ON 24.07.2025

Efforts made for mangrove conservation

542. SMT. MAYA NAROLIYA:
SMT. SANGEETA YADAV:
SMT. KIRAN CHOUDHRY:

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

- (a) the details of total mangrove cover in the country States/UTs wise;
- (b) the net increase in mangrove cover since year 2020;
- (c) the details of key promotional initiatives/achievements to ensure mangrove protection in last three years; and
- (d) amount of fund spent on mangrove conservation through National Compensatory Afforestation Fund Management and Planning Authority (CAMPA)?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

(SHRI KIRTI VARDHAN SINGH)

- (a) & (b) As per latest India State of Forest Report (ISFR) 2023, the total mangrove cover in the country is 4,991.68 km², which accounts for 0.15 % of the country's total geographical area. In comparison to ISFR 2019 and ISFR 2023, there has been a significant increase of 16.68 km² in the country's mangrove coverage. The State/UTs wise detail of mangrove cover as per ISFR 2019 and ISFR 2023 is given in **Annexure 1**.
- (c) & (d) As a part of Budget Announcement 2023-24, the Mangrove Initiative for Shoreline Habitats & Tangible Incomes (MISHTI) was launched on 5th June 2023 to restore and promote mangroves as unique, natural eco-system and for preserving and enhancing the sustainability of the coastal habitats. The objective of MISHTI is to restore mangrove forests by undertaking mangrove reforestation/ afforestation measures along the coast of India. The implementation of activities under MISHTI were started in FY 2024-25 and a sum of ₹ 17.96 crores has been released from National CAMPA to the States of Gujarat, West Bengal, Kerala, Andhra Pradesh, Odisha and UT of Puducherry for restoration of 3,836 ha. of degraded mangroves. Additionally, 22560.34 ha area of degraded mangrove has been brought under restoration under convergence with different Schemes including State CAMPA, MGNREGS and State Plans. The details are given in **Annexure 2**.

Annexure 1

Annexure referred to in reply to part (b) of the Rajya Sabha Un-Starred Question No. 542 due for reply on 24.07.2025 by Smt. Maya Naroliya; Smt. Sangeeta Yadav; Smt. Kiran Choudhry regarding “Efforts made for mangrove conservation”

Table: State and year wise break up of Mangrove Cover in the country

(in km²)

S. No	State	Mangrove Cover as per ISFR 2019	Mangrove Cover (ISFR 2023)
1	Andhra Pradesh	404.00	421.43
2	Goa	26.00	31.34
3	Gujarat	1177.00	1164.06
4	Karnataka	10.00	14.20
5	Kerala	9.00	9.45
6	Maharashtra	320.00	315.09
7	Odisha	251.00	259.06
8	Tamil Nadu	45.00	41.91
9	West Bengal	2112.00	2119.16
10	Andaman & Nicobar Islands	616.00	608.29
11	Daman and Diu	3.00	3.86
12	Puducherry	2.00	3.83
	Total	4975.00	4991.68

Annexure 2

Annexure referred to in reply to part (c) & (d) of the Rajya Sabha Un-Starred Question No. 542 due for reply on 24.07.2025 by Smt. Maya Naroliya; Smt. Sangeeta Yadav; Smt. Kiran Choudhry regarding “Efforts made for mangrove conservation”

Table: The details of the area and fund released to the States during the FY 2024-25 as Gap-Funding from National CAMPA

FY	State/UT	No. of districts	Area taken up from N-CAMPA fund (in ha)	Total funds released as 1st instalment (₹ in crores)
2024-25	Gujarat	02	2500	6.20
	West Bengal	03	478	3.74
	Kerala	01	13	0.666
	Puducherry	03	55	1.94
	Andhra Pradesh	06	701	4.709
	Odisha	04	89	0.7027
	Total		3836 ha	17.9617

Table: Mangrove Restoration through Convergence since the inception of the MISHTI scheme (2023-24 and onwards)

Area taken up for Mangrove Restoration (in Ha)				
S. No.	States/UTs	2023-24	2024-25	Total
1	Maharashtra	138.77	53.2	191.97
2	Andhra Pradesh	137.26	700.5	837.76
3	Puducherry	0.00	6.00	6.00
4	Lakshadweep	0.003	0.003	0.006
5	Goa	35.8	6.00	41.80
6	West Bengal	10.00	0.00	10.00
7	Andaman & Nicobar Islands	14.5	2.50	17.00
8	Karnataka	135	220.00	355.00
9	Gujarat	6930	12290.00	19220.00
10	Odisha	402.00	359.00	761.00
11	Dadra & Nagar Haveli Daman & Diu	40.92	10.00	50.92
12	Kerala	8.88	0.00	8.88
13	Tamil Nadu	570.00	490.00	1060.00
	Total	8,423.13	14137.20	22560.34