

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 3727
TO BE ANSWERED ON 24.03.2025

Funds for Coastal Erosion

3727. DR. C.M. RAMESH:

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

- (a) whether Districts have been classified as low erosion, high erosion in the country, if so, the details thereof: and
- (b) the budgetary allocation and utilization of resources for developing Mangrove and Shelterbelt Plantations and Flood Management Scheme for the period 2022-2025 State-wise?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI KIRTI VARDHAN SINGH)

(a): National Centre for Coastal Research (NCCR), an organisation of the Ministry of Earth Sciences (MoES) has conducted assessment study on shoreline change of the Indian coastline for the period 1990 to 2018. As per the study, the shoreline change of coastline of India has been classified in seven categories namely stable, low erosion, moderate erosion, high erosion, low accretion, moderate accretion, and high accretion. Districts are not classified on the basis of erosion. The district wise details of the length of the coastline with low erosion and high erosion for coastal districts are placed at Annexure –I.

(b): Mangrove Initiative for Shoreline Habitats & Tangible Incomes (MISHTI) is a programme launched by Government of India for restoration of Mangroves through convergence of ongoing schemes and programmes. An initial sum of Rs.100 Crore has been allocated under MISHTI from Compensatory Afforestation Fund Management and Planning Authority (CAMPA) for providing support to States for the restoration of Mangroves. A sum of Rs 17.96 crore has been released to the States of Andhra Pradesh, Gujarat ,Kerala, Odisha, West Bengal and Union Territory of Puducherry for restoration of mangroves during 2022-25 under MISHTI program.

Coastal Protection Schemes are eligible for Central assistance under Flood Management & Border Area Program (FMBAP). FMBAP is a scheme of Central Water Commission (CWC), under Ministry of Jal Shakti providing financial assistance for flood management and control to the State / UTs on Central : State share ratio of 90:10 for special category states and 60:40 for general category states. As per information provided by CWC, no funds have been released to any of the Coastal States during 2022-2024 under the scheme.

Annexure I

District specific shoreline status as per National Assessment of Shoreline Changes along Indian Coast, study, is as follows:

1. Gujarat

District	Length of the Coast (km)	
	High Erosion	Low Erosion
Valsad	1.56	30.16
Navsari	2.90	9.70
Surat	1.70	6.20
Bharuch	0.72	12.78
Anand	0.76	7.30
Ahmadabad	3.08	3.04
Bhavnagar	3.30	27.90
Amreli	0.02	8.34
Gir Somnath	1.18	42.44
Junagadh	0.00	20.96
Porbandar	0.00	50.92
Dev Bhumi Dwarka	2.66	56.40
Morbi	0.20	13.56
Jamnagar	10.62	34.06
Kachchh	100.64	47.12
TOTAL	129.34	370.88

2. Daman and Diu

District	Length of the Coast (km)	
	High Erosion	Low Erosion
Daman	0.00	5.66
Diu	0.00	4.42
TOTAL	0.00	10.08

3. Maharashtra

District	Length of the Coast (km)	
	High Erosion	Low Erosion
Sindhudurg	0.20	5.78
Ratnagiri	0.98	46.34
Raigad	0.38	40.84
Mumbai city	0.00	2.18
Mumbai suburban	0.02	16.94
Thane	0.02	0.88
Palghar	1.28	61.14
TOTAL	2.88	174.10

4. Goa

District	Length of the Coast (km)	
	High Erosion	Low Erosion
North Goa	0.12	5.98
South Goa	0.00	19.04
Total	0.12	25.02

5. Karnataka

District	Length of the Coast (km)	
	High Erosion	Low Erosion
Dakshina Kannada	1.50	13.24
Udupi	0.00	34.44
Uttara Kannada	0.64	20.06
Total	2.14	67.74

6. Kerala

District	Length of the Coast (km)	
	High Erosion	Low Erosion
Kasargode	0.02	32.26
Kannur	0.05	31.82
Kozhikkode	0.76	51.53
Malappuram	0.12	23.60
Thrissur	0.00	19.18
Ernakulam	0.02	19.19
Alappuzha	2.03	37.85
Kollam	1.91	20.55
Thiruvananthapuram	0.62	24.55
TOTAL	5.53	260.53

7. Tamil Nadu

District	Length of the Coast (km)	
	High Erosion	Low Erosion
Chennai	0.00	4.21
Cuddalore	2.72	12.20
Kancheepuram	1.26	47.02
Kanniyakumari	0.07	45.18
Nagapattinam	3.02	42.65
Pudukkottai	0.13	21.28
Ramanathapuram	0.88	104.97
Thanjavur	0.02	17.06
Thiruvallur	2.94	12.46
Thiruvarur	3.21	11.32
Thoothukudi	1.93	21.13
Tirunelveli	0.00	10.73
Villupuram	0.00	19.42
TOTAL	16.16	369.63

8. Puducherry

District	Length of the Coast (km)	
	High Erosion	Low Erosion
Karaikal	0.00	15.34
Puducherry	0.00	7.66
TOTAL	0.00	23.01

9. Andhra Pradesh

District	Length of the Coast (km)	
	High Erosion	Low Erosion

Nellore	6.13	44.04
Prakasam	2.40	7.28
Guntur	0.38	6.37
Krishna	45.42	6.30
West Godavari	5.96	0.85
East Godavari	42.25	30.37
Vishakhapatnam	0.02	23.88
Vizhianagaram	0.00	14.86
Srikakulam	0.27	24.22
TOTAL	102.84	158.17

10. Odisha

District	Length of the Coast (km)	
	High Erosion	Low Erosion
Ganjam	4.00	9.06
Puri	6.38	7.06
Jagatsinghpur	14.36	11.56
Kendrapara	28.50	11.34
Bhadrak	5.50	2.82
Baleshwar	4.70	5.68
TOTAL	63.44	47.52

11. West Bengal

District	Length of the Coast (km)	
	High Erosion	Low Erosion
East Midnapore	5.96	16.11
South 24 Parangas	91.68	62.06
North 24 Parangas	68.62	24.68
Total	166.26	102