

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
STARRED QUESTION *32
TO BE ANSWERED ON WEDNESDAY, 24TH JULY 2024**

COASTAL EROSION ALONG GOA COAST

*32. SHRI CAPTAIN VIRIATO FERNANDES:

Will the Minister of **EARTH SCIENCES** be pleased to state:

- (a) whether the Government has data regarding the extent of coastal erosion along the coast of Goa since the year 2000;
- (b) whether the Government has any plans to rehabilitate the communities which are on the verge of losing their land due to coastal erosion and rising sea levels;
- (c) if so, the details thereof; and
- (d) the initiatives taken/proposed to be taken by the Government to prevent coastal erosion along the Goa coast?

ANSWER
THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR
MINISTRY OF SCIENCE & TECHNOLOGY
AND EARTH SCIENCES
(DR. JITENDRA SINGH)

(a) to (d): A statement is laid on the table of the House.

STATEMENT LAID ON THE TABLE OF THE LOK SABHA IN REPLY TO PERTS (a) to (d) OF THE LOK SABHA STARRED QUESTION *32 REGARDING “Coastal Erosion along Goa Coast” FOR ANSWER ON WEDNESDAY, 24th July, 2024

- (a) Yes. Ministry of Earth Sciences (MoES) through National Centre for Coastal Research (NCCR), has undertaken assessment of shoreline erosion and identified coastal areas subjected to sea erosion using remote sensing data and field observations for the period 1990-2018 along the Indian coast.

The district-wise shoreline changes for Goa State (1990-2018) is given below:

District and State	Coastal length (km)	Coastal length in km					
		Erosion		Stable		Accretion	
		km	%	km	%	km	%
North Goa	36.4	6.66	18.3	17.74	48.7	12	33.0
South Goa	103.24	20.16	19.5	75.98	73.6	7.1	6.9
Goa	139.64	26.82	19.2	93.72	67.1	19.1	13.7

- (b) & (c) Yes. The 15th Finance Commission has earmarked an allocation of Rs.1,500 crore under National Disaster Mitigation Fund (NDMF) for the priority areas with mitigation measures to prevent erosion. The mitigation guidelines to prevent erosion was issued by National Disaster Management Authority (NDMA) on 20.06.2024 with the approval of Ministry of Home Affairs (MHA). The States can utilize the fund for undertaking erosion mitigation works on a cost sharing basis with the State's contribution of 10% of the resources. Additionally, Rs.1,000 crore is also earmarked under National Disaster Response Fund (NDRF) for resettlement of displaced people affected by erosion. Disaster Management Division, MHA, has also framed and issued the policy on Resettlement of People affected by erosion on 20.06.24.
- (d) NCCR is extending technical support to the coastal States in the design of coastal protection measures at vulnerable stretches. NCCR has also prepared the Shoreline Change Atlas for all the coastal states including Goa.
