

Bengal coast faces most erosion.

The Ministry of Earth Sciences, in a response to a question, informed the Lok Sabha earlier this week that of the 6,907.18-km-long coastline of the Indian mainland, about 34% is under varying degrees of erosion, while 26% is of an accretional nature and the remaining 40% is in a stable state.

“The National Centre for Coastal Research (NCCR), Chennai, an attached office of the Ministry of Earth Sciences (MoES), is monitoring shoreline erosion since 1990 using remote sensing data and GIS mapping techniques. About 6,907.18 km long Indian coastline of mainland has been analysed from 1990 to 2018,” the Ministry said in response to a question from Bharatiya Janata Party (BJP) MP from Bhubaneswar, Aparajita Sarangi, on April 6.



In terms of percentage, West Bengal, located on the eastern coast of the country, with a 534.35-km-long coastline, suffered erosion along about 60.5% of the coast (323.07 km) over the period from 1990 to 2018. This is followed by Kerala on the west coast, which has 592.96 km of coastline and 46.4% of it (275.33 km) faced erosion. Tamil Nadu, with a long coastline of 991.47 km, recorded erosion along 42.7% of it (422.94 km). Gujarat, with the longest coastline of 1,945.6 km, recorded erosion along 27.06% (537.5 km) of it. In the Union Territory of Puducherry, with a 41.66-km-long coastline, about 56.2% of its coast (23.42 km) recorded erosion.

Another organisation under the Ministry, the Indian National Centre for Ocean Information Services (INCOIS) has prepared and published an atlas of Coastal Vulnerability Index (CVI) maps for the entire coastline of India at a 1:100000 scale, the Ministry informed Parliament.

Policy on Displacement

The Ministry stated that the 15th Finance Commission had recommended the creation of a National Disaster Risk Management Fund (NDRMF) and State Disaster Risk Management Fund (SDRMF) comprising a mitigation fund at the national and State levels (NDMF/SDMF), and a response fund at the national and state levels for the award period from 2021-22 to 2022-26.

“The Commission has also made specific recommendations for ‘Mitigation Measures to Prevent Erosion’ under NDMF and ‘Resettlement of Displaced People Affected by Erosion’ under NDRF,” the response pointed out.

Expected Question (Prelims Exams)

- Q. Which of the following states has the longest coastline in India?**
- (a) Tamilnadu
 - (b) Gujarat
 - (c) Kerala
 - (d) Orissa

Expected Question (Mains Exams)

- Q. What is disaster? Describe the various causes and effects of coastal erosion. (250 Words)**

Note: - The question of the main examination given for practice is designed keeping in mind the upcoming UPSC main examination. Therefore, to get an answer to this question, you can take the help of this source as well as other sources related to this topic.