

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

RAJYA SABHA
UNSTARRED QUESTION NO. 3067
TO BE ANSWERED ON 27.03.2025

Impact of rising sea levels on coastal villages in Odisha

3067. SHRI SUJEET KUMAR:

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

- (a) whether Government has identified villages and settlements in Odisha that faced significant risks of submergence due to rising sea levels between 2023 and 2024;
- (b) if so, the details thereof, including the number of affected villages, estimated population at risk, and the extent of land loss during this period;
- (c) whether any rehabilitation or relocation programmes were implemented for displaced coastal communities during 2023 and 2024 and if so, the details of such programmes; and
- (d) if not, whether Government is planning to introduce a structured policy for the long-term protection and resettlement of vulnerable coastal populations in Odisha?

ANSWER

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

(a) and (b): As per information provided by Government of Odisha, no specific assessment has been conducted regarding the risk of submergence of villages solely due to rising sea levels between 2023-2024. However, the Government of Odisha has identified villages and settlements in Odisha that are at high risk of submergence due to sea erosion/ coastal erosion.

An assessment made under Shoreline Management study of Odisha indicate that the coast of Odisha is 50.04% accretive in nature, 12.75% is stable and 37.21% is undergoing erosion (High, Medium, Low).

Following villages have been identified to be at high risk considering the **coastal erosion during 2023-24**:

- In Kendrapara district, 21 villages in Rajnagar Block and 5 villages in Mahakalpada Block have been affected due to sea erosion. Following are the details:

Sl.no	Name of Block/ Tahasil	Name of Village
1		Odisala
2		Tamulia
3		Paunsiapalla

4	Mahakalpada	Singarapur
5		Hukitala
6	Rajnagar	Bhitarkanika
7		Badagahirmatha
8		Sanagahirmatha
9		Kanhupur
10		Paramanandapur
11		Habilichintamanipur
12		Sahebhnagar
13		Mohanpur
14		Gobindpur
15		Tentuliakhola
16		Sadanandapur
17		Satabhaya
18		Barahipur
19		Kaduanasi
20		Barunai
21		Guhipur
22		Karangia
23		Joginatha
24		Junupanga
25		Baghadia
26		Teishimouja

- In Ganjam district, Chhatrapur Block has 12 villages namely, Kanamana, Malikhala, T Berhampur, Upalapati, Rameyapalli, Badaputi, Basanaputi, Kalipalli, Paikapada, P laxmipur, Agastinuagaon, Arjyapalli, in Chikiti Block, Ramayapatana village and in Ganjam block, Podampeta village have been affected by coastal erosion.
- In Puri district, three villages namely Tandahar, Udayakani, and Chhenua under Astaranga Tahasil & three village namely Konark, Gadabangar and Khalakatapatna under Gop Tahasil are affected by sea erosion.

(c) and (d): The Government of Odisha has approved 18 projects for a total amount of Rs. 22.52 crore under the special package for the year 2023-24 to enhance the protection of affected communities and strengthen their livelihoods. The special package includes infrastructure projects like construction of community centre, Community Park, Kalyan mandap, augmentation of electricity lines & substation and educational infrastructure etc. Livelihood support like bio-floc fish farming, Goatery & dairy unit and tailoring unit are also the part of this package.
