



भारत सरकार  
Government of India  
पृथ्वी विज्ञान मंत्रालय  
Ministry of Earth Sciences



राष्ट्रीय तटीय अनुसंधान केन्द्र (एन सी सी आर)  
NATIONAL CENTRE FOR COASTAL RESEARCH (N C C R)

No. MoES/ICMAM-PD/RTI/17/2016-Vol.II

24.08.2022

Sub: Information sought by Ms. Sudhish Aloysius Rozario, through online under RTI Act, 2005.

Kindly refer to your RTI application dated 12.08.2022 through online, requisite information sought by the applicant is enclosed.

2. This issues with the approval of Director, NCCR.

(K.V. Sharma)  
(C.P.I.O. & Sci. F)  
Tel No. 044-66783590

Copy for information to:-

1. Director, NCCR, NIOT Campus, Pallikaranai, Chennai-600 100.
2. IT Section is requested to upload this reply on website [www.nccr.gov.in](http://www.nccr.gov.in).

रा.स.प्रौ.सं. परिसर, वेलच्चेरी तांबरम मेन रोड, पल्लिकरणै, चेन्नै-600 100.

NIOT Campus , Velachery-Tambaram Main Road, Pallikaranai, Chennai-600 100.

दूरभाष/Tel : 91-44-66783599 Fax: 66783487

**Query :**

Have any coastal areas in India been protected using tetrapods Specify where with pictures What is the difference in the nature of the sea between these coastal areas and the Thiruvananthapuram coastal area How much rupees is expected to protect the coast using tetrapods per kilometer Can beach nourishment reclaim the coast Has Beach nourishment been implemented in any coastal areas in India Specify where with pictures What is the difference in the nature of the sea between these coastal areas and the Thiruvananthapuram coastal area What is the approximate amount of cost to implement beach nourishment project in one kilometer of 100 meters width of 3 meters height Has any coastline in India been protected using Groynes Specify where with pictures What is the difference in the nature of the sea between these coastal areas and the Thiruvananthapuram coastal area Has any coastline in India been protected using Tetrapot Specify where with pictures What is the difference in the nature of the sea between these coastal areas and the Thiruvananthapuram coastal area Is any coastline in India protected by mangroves Specify where with pictures What is the difference in the nature of the sea between these coastal areas and the Thiruvananthapuram coastal area Currently there are any projects that have been found scientifically to reclaim the coast It has been applied anywhere Which projects are scientifically found to have no problems for coastal protection? It has been applied anywhere In India what types of coastal protection projects are being implemented Specify the coastal regions Where and what types of coastal reclamation projects are underway in India Explain whether there is a difference between the nature of the sea along the coast of Kerala and the nature of the sea along the coast of Tamil Nadu Explain whether there is a difference between the nature of the sea along the coast of Kerala and the nature of the sea along the coast of Karnataka Explain whether there is a difference in the nature of the sea in the coastal districts of Kerala state State whether any plan has been formulated to solve coastal erosion in Thiruvananthapuram district.

**Reply:**

Tetrapod, seawalls and groynes are commonly used coastal protection strategies across the world. Coastal strategy are site specific and depends on coastal geomorphology, oceanographic conditions and etc. NCCR is providing the technical support to Kerala government for design of coastal protection strategies at selected stretches of the Kerala coast including Thiruvananthapuram District. The design of coastal protection strategies are still under progress. The cost of the projects will be worked out by Kerala Government after finalization of concept.